

Subject Site



Source: USGS
Year: 1998

AERIAL PHOTOGRAPH

5800 Northgate Mall
San Rafael, California 94903

FIGURE 3
Job No: 284110





Subject Site

N



Source: EDR
Year: 2005

AERIAL PHOTOGRAPH

5800 Northgate Mall
San Rafael, California 94903

FIGURE 3
Job No: 284110





Northgate Mall

5800 Northgate Mall

San Rafael, CA 94903

Inquiry Number: 2528764.3

June 26, 2009

Certified Sanborn® Map Report

Certified Sanborn® Map Report

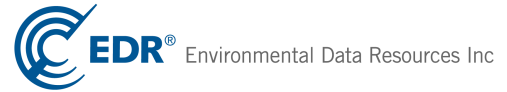
6/26/09

Site Name:

Northgate Mall
5800 Northgate Mall
San Rafael, CA 94903

Client Name:

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94597



EDR Inquiry # 2528764.3

Contact: Deborah Snell

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

Certified Sanborn Results:

Site Name: Northgate Mall
Address: 5800 Northgate Mall
City, State, Zip: San Rafael, CA 94903
Cross Street:
P.O. # WCPC1649
Project: 284110
Certification # 4E32-48B4-9816



Sanborn® Library search results
Certification # 4E32-48B4-9816

UNMAPPED PROPERTY

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

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

- Library of Congress
- University Publications of America
- EDR Private Collection

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Appendix E:

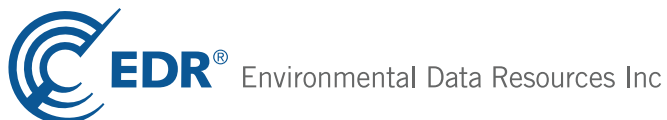
Regulatory Records Documentation

Northgate Mall

5800 Northgate Mall
San Rafael, CA 94903

Inquiry Number: 2528764.2s
June 29, 2009

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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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

5800 NORTHGATE MALL
SAN RAFAEL, CA 94903

COORDINATES

Latitude (North): 38.005200 - 38° 0' 18.7"
Longitude (West): 122.544000 - 122° 32' 38.4"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 540033.9
UTM Y (Meters): 4206284.5
Elevation: 37 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38122-A5 NOVATO, CA
Most Recent Revision: 1980

South Map: 37122-H5 SAN RAFAEL, CA
Most Recent Revision: 1999

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2005
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
NORTHGATE MALL 5800 NORTHGATE MALL SAN RAFAEL, CA 94901	RCRA-SQG FINDS HAZNET CHMIRS NPDES	CAD981422736
WALDEN BOOK CO 5800 NORTHGATE DR SPACE 83 SAN RAFAEL, CA 94903	HAZNET	N/A

EXECUTIVE SUMMARY

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

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
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

SLIC..... Statewide SLIC Cases
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
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

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
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
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
CDL..... Clandestine Drug Labs

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
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
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act

EXECUTIVE SUMMARY

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
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
RAATS.....	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CA WDS.....	Waste Discharge System
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
WIP.....	Well Investigation Program Case List
EML.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

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.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA CORRACTS facilities list

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

A review of the CORRACTS list, as provided by EDR, and dated 03/25/2009 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FAIRCHILD CAMERA & INSTRUMENT</i>	<i>4300 REDWOOD HWY</i>	<i>NNE 1/2 - 1 (0.521 mi.)</i>	<i>H55</i>	<i>92</i>

EXECUTIVE SUMMARY

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: 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). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 11/12/2008 has revealed that there is 1 RCRA-TSDF site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FAIRCHILD CAMERA & INSTRUMENT	4300 REDWOOD HWY	NNE 1/2 - 1 (0.521 mi.)	H55	92

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 11/12/2008 has revealed that there are 2 RCRA-LQG 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>
EXXON CO. USA. # 77067	930 DEL PRESIDIO BLVD.	NNE 0 - 1/8 (0.018 mi.)	D16	36

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL SERVICE STATION #4774	929 DEL PRESIDIO BOULEV	NNE 0 - 1/8 (0.024 mi.)	D27	47

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 11/12/2008 has revealed that there are 8 RCRA-SQG 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>
SEARS	9000 NORTHGATE	0 - 1/8 (0.000 mi.)	B4	13
SEARS ROEBUCK AND CO 8108	8108 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B8	18
EXPRESSLY PORTRAITS INC	5600 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	A12	25
VALERO REFINING CO CAL NO 7706	930 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.018 mi.)	D14	30

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RITE AID NO 5958	1500 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	9	20

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KERNS AND WALKER CLEANERS	412 LAS GALLINAS AVENUE	ESE 0 - 1/8 (0.005 mi.)	13	26
CHEVRON STATION NO 93553	949 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.039 mi.)	D36	57
PAUL O SATHER RADIOLOGY OFFICE	750 LAS GALLINAS NO 101	NNW 1/8 - 1/4 (0.227 mi.)	48	68

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 05/27/2009 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCR-FAIRCHILD-4300 REDWOOD Status: Refer: RWQCB	4300 REDWOOD	NNE 1/2 - 1 (0.521 mi.)	H54	91
FAIRCHILD CAMERA & INSTRUMENT Status: * Inactive	4300 REDWOOD HWY	NNE 1/2 - 1 (0.521 mi.)	H55	92
MARINE CORPS RESERVE TRAINING Status: Refer: Other Agency	153 MADISON AVE.	ESE 1/2 - 1 (0.833 mi.)	57	100

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 04/08/2009 has revealed that there are 10 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>
FORMER EXXON 7-7067 Status: Open - Verification Monitoring	930 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.018 mi.)	D15	31
CONOCOPHILLIPS Status: Open - Site Assessment	921 DEL PRESIDIO	NNE 0 - 1/8 (0.019 mi.)	D20	40
ART'S AUTO CARE Status: Open - Verification Monitoring	1005 NORTHGATE DR	N 0 - 1/8 (0.116 mi.)	F42	60
KAISER PERMANENTE MEDICAL CENT Status: Completed - Case Closed	99 MONTECILLO ROAD	WNW 1/4 - 1/2 (0.380 mi.)	G50	74

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL Status: Completed - Case Closed	929 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.024 mi.)	D25	44

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHELL Status: Open - Site Assessment	950 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.027 mi.)	D31	50
CHEVRON Status: Open - Site Assessment	949 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.039 mi.)	D35	54
PACIFIC BELL Status: Completed - Case Closed	7 PROFESSIONAL CENTER P	NNE 1/4 - 1/2 (0.254 mi.)	49	70
MARIN COUNTY CIVIC CENTER Status: Completed - Case Closed Status: Completed - Case Closed	3501 CIVIC CENTER DR	ESE 1/4 - 1/2 (0.414 mi.)	52	85
TESTA PLUMBING Status: Completed - Case Closed	4244 REDWOOD HWY	NNE 1/4 - 1/2 (0.458 mi.)	53	89

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 04/08/2009 has revealed that there are 13 UST 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>
NORTHGATE VALERO	930 DEL PRESIDIO BOULEV	NNE 0 - 1/8 (0.018 mi.)	D17	37
EXXON STATION #7-7067	930 DEL PRESIDIO BOULEV	NNE 0 - 1/8 (0.018 mi.)	D18	38
EXXON STATION #7-7067	930 DEL PRESIDIO BLVD.	NNE 0 - 1/8 (0.018 mi.)	D19	39
TERRA LINDA CAR WASH	921 DEL PRESIDIO BLVD.	NNE 0 - 1/8 (0.019 mi.)	D21	40
TERRA LINDA 76 CAR WASH #25477	921 DEL PRESIDIO BOULEV	NNE 0 - 1/8 (0.019 mi.)	D22	40
VILLA MARIN HOMEOWNERS ASSOCIA	100 THORNDALE DRIVE	WNW 0 - 1/8 (0.079 mi.)	39	59
HERB'S POOL SERVICE, INC	3769 REDWOOD HIGHWAY	NE 0 - 1/8 (0.114 mi.)	E41	60
GATEWAY GAS	1005 NORTHGATE DRIVE	N 0 - 1/8 (0.116 mi.)	F45	64
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GUIDE DOGS FOR THE BLIND	350 LOS RANCHITOS	0 - 1/8 (0.000 mi.)	C10	22
NORTHGATE SHELL	950 DEL PRESIDIO	NNE 0 - 1/8 (0.027 mi.)	D30	50
NORTHGATE SHELL #136047	950 DEL PRESIDIO BOULEV	NNE 0 - 1/8 (0.027 mi.)	D32	52
CHEVRON STATIONS, INC 93553	949 DEL PRESIDIO BOULEV	NNE 0 - 1/8 (0.039 mi.)	D34	53
CHEVRON STATION #93553	949 DEL PRESIDIO BLVD.	NNE 0 - 1/8 (0.039 mi.)	D38	59

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 11/01/2007 has revealed that there is 1 AST 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>
JIFFY LUBE #1590	9000 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B6	17

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

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 are 6 CA FID UST 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>FORMER EXXON 7-7067</i>	<i>930 DEL PRESIDIO BLVD</i>	<i>NNE 0 - 1/8 (0.018 mi.)</i>	<i>D15</i>	<i>31</i>
<i>ARTS AUTO CARE</i>	<i>1005 NORTHGATE DR</i>	<i>N 0 - 1/8 (0.116 mi.)</i>	<i>F46</i>	<i>65</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GUIDE DOGS FOR THE BLIND, INC.</i>	<i>350 LOS RANCHITOS RD</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>C7</i>	<i>17</i>
<i>UNION OIL SS# 4774</i>	<i>929 DEL PRESIDIO BLVD</i>	<i>NNE 0 - 1/8 (0.024 mi.)</i>	<i>D23</i>	<i>41</i>
<i>NORTHGATE SHELL</i>	<i>950 DEL PRESIDIO BLVD</i>	<i>NNE 0 - 1/8 (0.027 mi.)</i>	<i>D28</i>	<i>48</i>
<i>93553 CHEVRON</i>	<i>949 DEL PRESIDIO BLVD</i>	<i>NNE 0 - 1/8 (0.039 mi.)</i>	<i>D37</i>	<i>58</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 are 11 HIST UST 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>SEARS AUTO CENTER</i>	<i>9000 NORTHGATE MALL</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>B3</i>	<i>11</i>
<i>FORMER EXXON 7-7067</i>	<i>930 DEL PRESIDIO BLVD</i>	<i>NNE 0 - 1/8 (0.018 mi.)</i>	<i>D15</i>	<i>31</i>
<i>NTRON ELECTRONICS</i>	<i>3833 REDWOOD HWY</i>	<i>NE 0 - 1/8 (0.112 mi.)</i>	<i>E40</i>	<i>59</i>
<i>ART'S TEXACO</i>	<i>1005 NORTHGATE DR</i>	<i>N 0 - 1/8 (0.116 mi.)</i>	<i>F43</i>	<i>61</i>
<i>TEXACO</i>	<i>1005 NORTHGATE DR</i>	<i>N 0 - 1/8 (0.116 mi.)</i>	<i>F44</i>	<i>62</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GUIDE DOGS FOR THE BLIND, INC.</i>	<i>350 LOS RANCHITOS RD</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>C5</i>	<i>16</i>
<i>GOODYEAR TIRE & RUBBER CO.</i>	<i>496 LAS GALLINAS AVE</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>11</i>	<i>24</i>
<i>UNION OIL SS# 4774</i>	<i>929 DEL PRESIDIO BLVD</i>	<i>NNE 0 - 1/8 (0.024 mi.)</i>	<i>D24</i>	<i>42</i>
<i>UNION OIL SS#4774</i>	<i>929 DEL PRESIDIO BLVD</i>	<i>NNE 0 - 1/8 (0.024 mi.)</i>	<i>D26</i>	<i>46</i>
<i>WILLIAM BAUGH/NORTHGATE SHELL</i>	<i>950 DEL PRESIDIO BLVD</i>	<i>NNE 0 - 1/8 (0.027 mi.)</i>	<i>D29</i>	<i>49</i>
<i>93553</i>	<i>949 DEL PRESIDIO BLVD</i>	<i>NNE 0 - 1/8 (0.039 mi.)</i>	<i>D33</i>	<i>53</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 are 7 SWEEPS UST 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>FORMER EXXON 7-7067</i>	<i>930 DEL PRESIDIO BLVD</i>	<i>NNE 0 - 1/8 (0.018 mi.)</i>	<i>D15</i>	<i>31</i>

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARTS AUTO CARE	1005 NORTHGATE DR	N 0 - 1/8 (0.116 mi.)	F46	65
CHEVRON	100 MARIN	NNE 1/8 - 1/4 (0.173 mi.)	47	67

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GUIDE DOGS FOR THE BLIND, INC.	350 LOS RANCHITOS RD	0 - 1/8 (0.000 mi.)	C7	17
UNION OIL SS# 4774	929 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.024 mi.)	D23	41
NORTHGATE SHELL	950 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.027 mi.)	D28	48
CHEVRON	949 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.039 mi.)	D35	54

Other Ascertainable Records

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 [CALSTES].

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 8 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>
FORMER EXXON 7-7067	930 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.018 mi.)	D15	31
ART'S AUTO CARE	1005 NORTHGATE DR	N 0 - 1/8 (0.116 mi.)	F42	60
KAISER MEDICAL CENTER	99 MONTECILLO	WNW 1/4 - 1/2 (0.380 mi.)	G51	85

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL	929 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.024 mi.)	D25	44
SHELL	950 DEL PRESIDIO BLVD	NNE 0 - 1/8 (0.027 mi.)	D31	50
PACIFIC BELL	7 PROFESSIONAL CENTER P	NNE 1/4 - 1/2 (0.254 mi.)	49	70
MARIN COUNTY CIVIC CENTER	3501 CIVIC CENTER DR	ESE 1/4 - 1/2 (0.414 mi.)	52	85
TESTA PLUMBING	4244 REDWOOD HWY	NNE 1/4 - 1/2 (0.458 mi.)	53	89

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

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARINE CORPS RESERVE CENTER	153 MADISON AVE	ESE 1/2 - 1 (0.747 mi.)	56	99
RICH ELECTRIC	110 CARLOS DR	NNE 1/2 - 1 (0.872 mi.)	58	101

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

A review of the DRYCLEANERS list, as provided by EDR, and dated 05/06/2009 has revealed that there

EXECUTIVE SUMMARY

are 2 DRYCLEANERS 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>SEARS ROEBUCK AND CO 8108</i>	<i>8108 NORTHGATE MALL</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>B8</i>	<i>18</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>KERNS AND WALKER CLEANERS</i>	<i>412 LAS GALLINAS AVENUE</i>	<i>ESE 0 - 1/8 (0.005 mi.)</i>	<i>13</i>	<i>26</i>

EXECUTIVE SUMMARY


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


<u>Site Name</u>	<u>Database(s)</u>
US 101 EST BLYTHEDALE EXIT	CHMIRS, SLIC
MARIN SANITARY SERVICE TYPE A INER	SWF/LF
CHINA CAMP STATE PARK	UST
CHINA CAMP	UST
MARIN MUNI WTR MILLER CREEK TK	RCRA-SQG, FINDS

OVERVIEW MAP - 2528764.2s



 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: Northgate Mall
 ADDRESS: 5800 Northgate Mall
 San Rafael CA 94903
 LAT/LONG: 38.0052 / 122.5440

CLIENT: AEI Consultants
 CONTACT: Deborah Snell
 INQUIRY #: 2528764.2s
 DATE: June 29, 2009 8:23 am

DETAIL MAP - 2528764.2s



-  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
-  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: Northgate Mall
 ADDRESS: 5800 Northgate Mall
 San Rafael CA 94903
 LAT/LONG: 38.0052 / 122.5440

CLIENT: AEI Consultants
 CONTACT: Deborah Snell
 INQUIRY #: 2528764.2s
 DATE: June 29, 2009 8:24 am

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
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
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	0	NR	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	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		1.000	0	0	0	1	NR	1
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	2	0	NR	NR	NR	2
RCRA-SQG	X	0.250	7	1	NR	NR	NR	8
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	0	NR	NR	0
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	0	3	NR	3
<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	6	0	4	NR	NR	10
SLIC		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	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
State and tribal registered storage tank lists								
UST		0.250	13	0	NR	NR	NR	13
AST		0.250	1	0	NR	NR	NR	1
INDIAN 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								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		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	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST		0.250	6	0	NR	NR	NR	6
HIST UST		0.250	11	0	NR	NR	NR	11
SWEEPS UST		0.250	6	1	NR	NR	NR	7
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	X	TP	NR	NR	NR	NR	NR	0
LDS		TP	NR	NR	NR	NR	NR	0
MCS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		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
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
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	X	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
CA WDS		TP	NR	NR	NR	NR	NR	0
NPDES	X	TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
HIST CORTESE		0.500	4	0	4	NR	NR	8
Notify 65		1.000	0	0	0	2	NR	2
DRYCLEANERS		0.250	2	0	NR	NR	NR	2
WIP		0.250	0	0	NR	NR	NR	0
HAZNET	X	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

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
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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

A1 **NORTHGATE MALL**
Target **5800 NORTHGATE MALL**
Property **SAN RAFAEL, CA 94901**

RCRA-SQG **1000409456**
FINDS **CAD981422736**
HAZNET
CHMIRS
NPDES

Site 1 of 3 in cluster A

Actual:
37 ft.

RCRA-SQG:

Date form received by agency: 07/05/1991
Facility name: NORTHGATE MALL
Facility address: 5800 NORTHGATE MALL
 SAN RAFAEL, CA 94901

EPA ID: CAD981422736
Mailing address: NORTHGATE MALL
 SAN RAFAEL, CA 94901

Contact: APTAKER ROBERT
Contact address: 5800 NORTHGATE MALL
 SAN RAFAEL, CA 94901

Contact country: US
Contact telephone: (805) 650-0589
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: MACERICH
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE MALL (Continued)

1000409456

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
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID: 110002700701

California - Hazardous Waste Tracking System - Datamart

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.

HAZNET:

Gepaid: CAD981422736
Contact: NORTHGATE MALL ASSOCIATES
Telephone: 3103946911
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2172
Mailing City,St,Zip: SANTA MONICA, CA 904070000
Gen County: Marin
TSD EPA ID: CAD981388952
TSD County: Shasta
Waste Category: Asbestos-containing waste
Disposal Method: Not reported
Tons: 4.2140
Facility County: Marin

Gepaid: CAD981422736
Contact: NORTHGATE MALL ASSOCIATES
Telephone: 3103946911
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 2172
Mailing City,St,Zip: SANTA MONICA, CA 904070000
Gen County: Marin
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified organic liquid mixture
Disposal Method: Disposal, Other
Tons: .0750
Facility County: Marin

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE MALL (Continued)

1000409456

CHMIRS:

OES Incident Number: 97-4590
OES notification: 11/19/199701:45:50 AM
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 1997
Agency: PG&E
Incident Date: 11/18/199712:00:00 AM
Admin Agency: San Rafael Fire Department
Amount: Not reported
Contained: Yes
Site Type: Utilities/Substation
E Date: Not reported
Substance: Transformer oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE MALL (Continued)

1000409456

Quantity Released: Not reported
BBLS: 0
Cups: 0
CUFT: 0
Gallons: 125
Grams: 0
Pounds: 0
Liters: 0
Ounces: 0
Pints: 0
Quarts: 0
Sheen: 0
Tons: 0
Unknown: 0
Description: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
Description: Subsurface transformer failes, oil contained in vault.

NPDES:

Npdes Number: Not reported
Facility Status: Active
Agency Id: 463202
Region: 2
Regulatory Measure Id: 344708
Order No: Not reported
Order No Of General Order: Not reported
Regulatory Measure Type: Storm water construction
Place Id: 716895
WDID: 2 21C351950
Program Type: CONSTW
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 5/27/2008 1:33:07 PM
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Macerich
Discharge Address: Not reported
Discharge Address2: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported

A2
Target
Property

WALDEN BOOK CO
5800 NORTHGATE DR SPACE 83
SAN RAFAEL, CA 94903

HAZNET **S103994880**
N/A

Site 2 of 3 in cluster A

Actual:
37 ft.

HAZNET:
Gepaid: CAC001309496
Contact: WALDEN BOOK CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 996
Mailing City,St,Zip: ANN ARBOR, MI 481000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALDEN BOOK CO (Continued)

S103994880

Gen County: Marin
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: .0200
Facility County: Marin

B3

**SEARS AUTO CENTER
9000 NORTHGATE MALL
SAN RAFAEL, CA 94903**

**HAZNET U001600022
HIST UST N/A
EMI**

< 1/8
1 ft.

Site 1 of 4 in cluster B

**Relative:
Higher**

HAZNET:
Gepaid: CAL000129019
Contact: ELISSA STEVENS
Telephone: 7075425285
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 5386 BLUE RIDGE TRAIL
Mailing City,St,Zip: SANTA ROSA, CA 954043625
Gen County: Marin
TSD EPA ID: NVD980895338
TSD County: Marin
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Land Fill
Tons: 0.15
Facility County: Marin

**Actual:
121 ft.**

Gepaid: CAL000129019
Contact: ELISSA STEVENS
Telephone: 7075425285
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 5386 BLUE RIDGE TRAIL
Mailing City,St,Zip: SANTA ROSA, CA 954043625
Gen County: Marin
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Land Fill
Tons: 0.2
Facility County: Not reported

Gepaid: CAL000129019
Contact: ELISSA STEVENS
Telephone: 7075425285
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 5386 BLUE RIDGE TRAIL
Mailing City,St,Zip: SANTA ROSA, CA 954043625
Gen County: Marin
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Land Fill
Tons: 0.2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS AUTO CENTER (Continued)

U00160022

Facility County: Not reported

HIST UST:

Region: STATE
Facility ID: 0000002929
Facility Type: Other
Other Type: GARAGE
Total Tanks: 0007
Contact Name: Not reported
Telephone: 4154723670
Owner Name: SEARS ROEBUCK & CO
Owner Address: SEARS TOWER
Owner City,St,Zip: CHICAGO, IL 60684

Tank Num: 001
Container Num: 01
Year Installed: 1972
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 02
Year Installed: 1972
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 03
Year Installed: 1972
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 04
Year Installed: 1972
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

Tank Num: 005
Container Num: 05
Year Installed: 1972
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS AUTO CENTER (Continued)

U001600022

Leak Detection: None

Tank Num: 006
Container Num: 06
Year Installed: 1972
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 007
Container Num: 07
Year Installed: 1972
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: None

EMI:

Year: 2006
County Code: 21
Air Basin: SF
Facility ID: 16808
Air District Name: BA
SIC Code: 5311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .036
Reactive Organic Gases Tons/Yr: .0032904
Carbon Monoxide Emissions Tons/Yr: .011
NOX - Oxides of Nitrogen Tons/Yr: .087
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

B4

**SEARS
9000 NORTHGATE
SAN RAFAEL, CA 94903**

**RCRA-SQG 1000473150
FINDS CAD982460982
HAZNET**

**< 1/8
1 ft.**

Site 2 of 4 in cluster B

**Relative:
Higher**

RCRA-SQG:
Date form received by agency: 09/02/1998
Facility name: SEARS
Facility address: 9000 NORTHGATE
SAN RAFAEL, CA 94903
EPA ID: CAD982460982
Mailing address: 9000 NORTHGATE MALL
SAN RAFAEL, CA 94903
Contact: JOHN SWAFFORD
Contact address: 9000 NORTHGATE
SAN RAFAEL, CA 94903
Contact country: US
Contact telephone: (415) 507-2352

**Actual:
121 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS (Continued)

1000473150

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: SEARS
Owner/operator address: 9000 NORTHGATE MALL
SAN RAFAEL, CA 94903
Owner/operator country: Not reported
Owner/operator telephone: (415) 507-2352
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS (Continued)

1000473150

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID: 110002815623

California - Hazardous Waste Tracking System - Datamart

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.

HAZNET:

Gepaid: CAL000004308
Contact: SEARS ROEBUCK & CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 9000 NORTHGATE MALL
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Marin
TSD EPA ID: AZD049318009
TSD County: 99
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Tons: .4586
Facility County: Marin

Gepaid: CAL000004308
Contact: SEARS ROEBUCK & CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 9000 NORTHGATE MALL
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Marin
TSD EPA ID: AZD049318009
TSD County: 99
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Transfer Station
Tons: .6880
Facility County: Marin

Gepaid: CAL000004308
Contact: SEARS ROEBUCK & CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 9000 NORTHGATE MALL
Mailing City,St,Zip: SAN RAFAEL, CA 949030000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS (Continued)

1000473150

Gen County: Marin
TSD EPA ID: AZD049318009
TSD County: 99
Waste Category: Alkaline solution without metals (pH > 12.5)
Disposal Method: Transfer Station
Tons: .6880
Facility County: Marin

Gepaid: CAL000004308
Contact: SEARS ROEBUCK & CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 9000 NORTHGATE MALL
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Marin
TSD EPA ID: AZD049318009
TSD County: 99
Waste Category: Latex waste
Disposal Method: Transfer Station
Tons: 4.1283
Facility County: Marin

Gepaid: CAL000004308
Contact: SEARS ROEBUCK & CO
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 9000 NORTHGATE MALL
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Marin
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Tons: 1.1884
Facility County: Marin

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

C5

**GUIDE DOGS FOR THE BLIND, INC.
350 LOS RANCHITOS RD
SAN RAFAEL, CA 94915**

**HIST UST U001600044
N/A**

**< 1/8
1 ft.**

Site 1 of 3 in cluster C

**Relative:
Lower**

HIST UST:
Region: STATE
Facility ID: 00000007193
Facility Type: Other
Other Type: Not reported
Total Tanks: 0001
Contact Name: Not reported
Telephone: 4154794000
Owner Name: GUIDE DOGS FOR THE BLIND, INC.
Owner Address: 350 LOS RANCHITOS ROAD
Owner City,St,Zip: SAN RAFAEL, CA 94915

**Actual:
27 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUIDE DOGS FOR THE BLIND, INC. (Continued)

U001600044

Tank Num: 001
Container Num: 1
Year Installed: 1968
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

B6
< 1/8
1 ft.

JIFFY LUBE #1590
9000 NORTHGATE MALL
SAN RAFAEL, CA 94903

FINDS 1007676759
AST N/A

Site 3 of 4 in cluster B

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
121 ft.

Registry ID: 110017959921

UORS (California - Used Oil Recycling System). California Integrated Waste Management Board (CIWMB) helps communities establish and promote convenient collection opportunities for used oil and used oil filters.

AST:

Owner: FLAMINGO PROPERTIES/JIFFY LUBE
Total Gallons: 2100
Comments: Not reported

C7
< 1/8
1 ft.

GUIDE DOGS FOR THE BLIND, INC.
350 LOS RANCHITOS RD
SAN RAFAEL, CA 94903

CA FID UST S101624707
SWEEPS UST N/A

Site 2 of 3 in cluster C

Relative:
Lower

CA FID UST:
Facility ID: 21001771
Regulated By: UTKA
Regulated ID: 00007193
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154994000
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Actual:
27 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUIDE DOGS FOR THE BLIND, INC. (Continued)

S101624707

SWEEPS UST:

Status: A
Comp Number: 7193
Number: 1
Board Of Equalization: Not reported
Ref Date: 06-20-91
Act Date: 06-20-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 21-028-007193-000001
Actv Date: 06-18-91
Capacity: 1000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 1

B8
< 1/8
1 ft.

SEARS ROEBUCK AND CO 8108
8108 NORTHGATE MALL
SAN RAFAEL, CA 94577

RCRA-SQG 1004678399
HAZNET CAR000108563
DRYCLEANERS

Site 4 of 4 in cluster B

Relative:
Higher

Actual:
83 ft.

RCRA-SQG:
Date form received by agency: 11/06/2001
Facility name: SEARS ROEBUCK AND CO 8108
Facility address: 8108 NORTHGATE MALL
SAN RAFAEL, CA 94577
EPA ID: CAR000108563
Mailing address: 3333 BEVERLY RD
A 2 238 A
HOFFMAN ESTATES, IL 601793322
Contact: KATHLEEN FLAHERTY
Contact address: 3333 BEVERLY RD A 2 238 A
HOFFMAN ESTATES, IL 601793322
Contact country: US
Contact telephone: (847) 286-7199
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: NORTHGATE MALL ASSOC
Owner/operator address: 5800 NORTHGATE
SAN RAFAEL, CA 94577
Owner/operator country: Not reported
Owner/operator telephone: N A
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS ROEBUCK AND CO 8108 (Continued)

1004678399

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

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: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

HAZNET:

Gepaid: CAR000108563
Contact: K FLAHERTY, ENV. SPECIAL
Telephone: 8472867199
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3333 Beverly Rd
Mailing City,St,Zip: Hoffman Estates, IL 601793322
Gen County: Marin
TSD EPA ID: KYD053348108
TSD County: 99
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS ROEBUCK AND CO 8108 (Continued)

1004678399

Disposal Method: Not reported
Tons: 0.07
Facility County: Not reported

CLEANERS:

EPA Id: CAR000108563
NAICS Code: 81149
NAICS Description: Other Personal and Household Goods Repair and Maintenance
SIC Code: 7219
Create Date: 3/4/2003 2:25:00 PM
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3333 BEVERLY RD B5-339A
Mailing Address 2: A 2 238 A
Mailing State: IL
Mailing Zip: 601790000
Region Code: 2
Owner Name: SEARS, ROEBUCK & CO #8108
Owner Address: 3333 BEVERLY RD B5-339A
Owner Address 2: Not reported
Owner Telephone: 8472867222
Contact Name: MICHAEL OLSEN / MGR. ENV. COMP
Contact Address: 3333 BEVERLY RD B5-339A
Contact Address 2: A 2 238 A
Contact Telephone: 8472867222
SIC Description: 7219 Laundry and Garment Services, NEC (alteration and repair)

9

RITE AID NO 5958
1500 NORTHGATE MALL
SAN RAFAEL, CA 94903

RCRA-SQG 1000978354
FINDS CA0001007533

< 1/8
1 ft.

Relative:
Lower

Actual:
27 ft.

RCRA-SQG:

Date form received by agency: 02/08/2006
Facility name: RITE AID NO 5958
Facility address: 1500 NORTHGATE MALL
SAN RAFAEL, CA 94903
EPA ID: CA0001007533
Mailing address: 4020 STIRRUP CREEK DR
STE 100
DURHAM, NC 27703
Contact: KENNETH MCKEVENY
Contact address: 4020 STIRRUP CREEK DR STE 100
DURHAM, NC 27703
Contact country: US
Contact telephone: 919-484-3647
Contact email: KENNETH.MCKEVENY@KODAK.COM
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 5958 (Continued)

1000978354

Owner/Operator Summary:

Owner/operator name: RITE AID CORPORATION
Owner/operator address: PO BOX 3165
HARRISBURG, PA 17105
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/01/1998
Owner/Op end date: Not reported

Owner/operator name: RITE AID CORPORATION
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/01/1998
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 02/14/2002
Facility name: RITE AID NO 5958
Site name: RITE AID CORP NO 5958
Classification: Small Quantity Generator

Date form received by agency: 01/13/1995
Facility name: RITE AID NO 5958
Site name: RITE AID CORP NO 5958
Classification: Small Quantity Generator

Hazardous Waste Summary:

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RITE AID NO 5958 (Continued)

1000978354

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: D011
 Waste name: SILVER

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID: 110002623055

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.

C10

**GUIDE DOGS FOR THE BLIND
 350 LOS RANCHITOS
 SAN RAFAEL, CA 94903**

**FINDS 1006839206
 UST N/A
 EMI**

< 1/8
 1 ft.

Site 3 of 3 in cluster C

**Relative:
 Lower**

FINDS:

Other Pertinent Environmental Activity Identified at Site

**Actual:
 27 ft.**

Registry ID: 110014002186

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).

UST:

Global ID: 8736
 Latitude: 38.00259
 Longitude: -122.54271

UST:

Facility Id: 30-0184

 Tank Number: 1
 Tank Status: Tank Removed
 Tank Contents: Motor vehicle fuel
 Certificate Number: 5385
 Last Inspected: 7/27/2007
 Active: No
 Program: Not reported
 Location: Not reported
 Pulled Date: Not reported
 Reason: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUIDE DOGS FOR THE BLIND (Continued)

1006839206

Tank Number: 2
Tank Status: Tank Removed
Tank Contents: Motor vehicle fuel
Certificate Number: 5385
Last Inspected: 7/27/2007
Active: No
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

EMI:

Year: 2002
County Code: 21
Air Basin: SF
Facility ID: 5533
Air District Name: BA
SIC Code: 8322
Air District Name: BAY AREA 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: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2003
County Code: 21
Air Basin: SF
Facility ID: 5533
Air District Name: BA
SIC Code: 8322
Air District Name: BAY AREA 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: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2004
County Code: 21
Air Basin: SF
Facility ID: 5533
Air District Name: BA
SIC Code: 8322
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.001
Reactive Organic Gases Tons/Yr: 0.0001643

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GUIDE DOGS FOR THE BLIND (Continued)

1006839206

Carbon Monoxide Emissions Tons/Yr:	0.005
NOX - Oxides of Nitrogen Tons/Yr:	0.015
SOX - Oxides of Sulphur Tons/Yr:	0.001
Particulate Matter Tons/Yr:	0.003
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0.0029475
Year:	2005
County Code:	21
Air Basin:	SF
Facility ID:	5533
Air District Name:	BA
SIC Code:	8322
Air District Name:	BAY AREA 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:	.003
NOX - Oxides of Nitrogen Tons/Yr:	.01
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers & Smlr Tons/Yr:	.0009825
Year:	2006
County Code:	21
Air Basin:	SF
Facility ID:	5533
Air District Name:	BA
SIC Code:	8322
Air District Name:	BAY AREA 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:	.003
NOX - Oxides of Nitrogen Tons/Yr:	.009
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers & Smlr Tons/Yr:	.0009825

11

GOODYEAR TIRE & RUBBER CO.
496 LAS GALLINAS AVE
SAN RAFAEL, CA 95403

HIST UST U001609370
N/A

< 1/8
 1 ft.

Relative:
Lower

Actual:
27 ft.

HIST UST:
 Region: STATE
 Facility ID: 00000021799
 Facility Type: Other
 Other Type: SERVICE STONE
 Total Tanks: 0001
 Contact Name: WILLIAM R. FERGUSON
 Telephone: 4154793300
 Owner Name: GOODYEAR TIRE & RUBBER CO.
 Owner Address: 496 LAS GALLINAS
 Owner City,St,Zip: SAN RAFAEL, CA 95403

Tank Num: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODYEAR TIRE & RUBBER CO. (Continued)

U001609370

Container Num: 8748
Year Installed: 1973
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Pressure Test

A12 EXPRESSLY PORTRAITS INC
5600 NORTHGATE MALL
< 1/8 SAN RAFAEL, CA 94903
1 ft.

RCRA-SQG 1000857329
FINDS CAD983667429

Site 3 of 3 in cluster A

**Relative:
Higher**

RCRA-SQG:

Date form received by agency: 05/06/1993
Facility name: EXPRESSLY PORTRAITS INC
Facility address: 5600 NORTHGATE MALL
SAN RAFAEL, CA 94903
EPA ID: CAD983667429
Contact: MEL ORCHARD
Contact address: 1151 TRITON DR STE C
FOSTER CITY, CA 94404
Contact country: US
Contact telephone: (415) 578-9291
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

**Actual:
37 ft.**

Owner/Operator Summary:

Owner/operator name: EXPRESSLY PORTRAITS INC
Owner/operator address: 1151 TRITON DR STE C
FOSTER CITY, CA 94404
Owner/operator country: Not reported
Owner/operator telephone: (415) 578-9291
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXPRESSLY PORTRAITS INC (Continued)

1000857329

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID: 110008285015

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.

13
ESE
< 1/8
0.005 mi.
27 ft.

KERNS AND WALKER CLEANERS
412 LAS GALLINAS AVENUE
SAN RAFAEL, CA 94903

RCRA-SQG 1000318804
FINDS CAD981650278
HAZNET
DRYCLEANERS

Relative:
Lower

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: KERNS & WALKER CLEANERS
Facility address: 412 GALLINS AVE
SAN RAFAEL, CA 94903

Actual:
29 ft.

EPA ID: CAD981650278
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KERNS AND WALKER CLEANERS (Continued)

1000318804

Owner/operator name: KIM JONG
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

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/07/1987
Facility name: KERNS & WALKER CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 04/06/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID: 110008271235

California - Hazardous Waste Tracking System - Datamart

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).

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,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KERNS AND WALKER CLEANERS (Continued)

1000318804

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.

HAZNET:

Gepaid: CAD981650278
Contact: JONG KIM
Telephone: 4154794779
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 412 LAS GALLINAS AVE
Mailing City,St,Zip: SAN RAFAEL, CA 949033618
Gen County: Marin
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: .9750
Facility County: Marin

Gepaid: CAD981650278
Contact: JONG KIM
Telephone: 4154794779
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 412 LAS GALLINAS AVE
Mailing City,St,Zip: SAN RAFAEL, CA 949033618
Gen County: Marin
TSD EPA ID: CAT000613943
TSD County: Sonoma
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: .1950
Facility County: Marin

Gepaid: CAD981650278
Contact: KIM JONG
Telephone: 4154794779
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 412 LAS GALLINAS AVE
Mailing City,St,Zip: SAN RAFAEL, CA 949033618
Gen County: Marin
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: H141
Tons: 0.33
Facility County: Marin

Gepaid: CAD981650278
Contact: KIM JONG
Telephone: 4154794779
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 412 LAS GALLINAS AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KERNS AND WALKER CLEANERS (Continued)

1000318804

Mailing City,St,Zip: SAN RAFAEL, CA 949033618
Gen County: Marin
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Not reported
Disposal Method: H141
Tons: Not reported
Facility County: Marin

Gepaid: CAD981650278
Contact: KIM JONG
Telephone: 4154794779
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 412 LAS GALLINAS AVE
Mailing City,St,Zip: SAN RAFAEL, CA 949033618
Gen County: Marin
TSD EPA ID: Not reported
TSD County: Sacramento
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Tons: 0.73
Facility County: Not reported

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

CLEANERS:

EPA Id: Not reported
NAICS Code: Not reported
NAICS Description: Not reported
SIC Code: Not reported
Create Date: 7/3/1987
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 412 LAS GALLINAS AVE
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 949033618
Region Code: 2
Owner Name: JONG KIM
Owner Address: 412 LAS GALLINAS AVE
Owner Address 2: Not reported
Owner Telephone: 4154794779
Contact Name: KIM JONG
Contact Address: 412 LAS GALLINAS AVE
Contact Address 2: Not reported
Contact Telephone: 4154794779
SIC Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D14
NNE
< 1/8
0.018 mi.
95 ft.

VALERO REFINING CO CAL NO 77067
930 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903

RCRA-SQG 1004675615
CAR000075143

Site 1 of 25 in cluster D

**Relative:
Higher**

RCRA-SQG:

Date form received by agency: 06/09/2000

Facility name: VALERO REFINING CO CAL NO 77067

Facility address: 930 DEL PRESIDIO BLVD

SAN RAFAEL, CA 94903

EPA ID: CAR000075143

Mailing address: P O BOX 500
SAN ANTONIO, TX 782920500

Contact: RAMON ESTRADA

Contact address: 2506 CURRAN CT

PINOLE, CA 94564

Contact country: US

Contact telephone: (510) 669-0263

Contact email: Not reported

EPA Region: 09

Land type: Private

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: VALERO REFINING CO C A

Owner/operator address: P O BOX 500
SAN ANTONIO, TX 78292

Owner/operator country: Not reported

Owner/operator telephone: (210) 370-2000

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: Unknown

Mixed waste (haz. and radioactive): Unknown

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: Unknown

Furnace exemption: Unknown

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

Off-site waste receiver: Commercial status unknown

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VALERO REFINING CO CAL NO 77067 (Continued)

1004675615

Hazardous Waste Summary:

Waste code: D000
 Waste name: Not Defined

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

Evaluation Action Summary:

Evaluation date: 07/24/2001
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State Contractor/Grantee

**D15
 NNE
 < 1/8
 0.018 mi.
 95 ft.**

**FORMER EXXON 7-7067
 930 DEL PRESIDIO BLVD
 SAN RAFAEL, CA 94901
 Site 2 of 25 in cluster D**

**LUST 1000337848
 CHMIRS N/A
 CA FID UST
 HIST UST
 SWEEPS UST
 HIST CORTESE**

**Relative:
 Higher**

LUST:

**Actual:
 37 ft.**

Region: STATE
 Global Id: T0604100047
 Latitude: 38.006596311
 Longitude: -122.544441567
 Case Type: LUST Cleanup Site
 Status: Open - Verification Monitoring
 Status Date: 2008-12-19 00:00:00
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: 21-0048
 LOC Case Number: Not reported
 File Location: Regional Board
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminats of Concern: Gasoline
 Site History: Not reported

LUST:

Region: 2
 Facility Id: 21-0048
 Facility Status: Pollution Characterization
 Case Number: 21-0048
 How Discovered: Tank Closure
 Leak Cause: UNK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER EXXON 7-7067 (Continued)

1000337848

Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 12/30/1987
Pollution Characterization Began: 8/30/1988
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CHMIRS:

OES Incident Number: 03-2175
OES notification: 4/25/200307:39:32 PM
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personnel # Of Decontaminated: Not reported
Responding Agency Personnel # Of Injuries: Not reported
Responding Agency Personnel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: Yes
Waterway: Storm Drain/ San Francisco Bay
Spill Site: Not reported
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER EXXON 7-7067 (Continued)

1000337848

Date/Time: Not reported
Year: 2003
Agency: San Rafael Fire Dept
Incident Date: 4/25/200312:00:00 AM
Admin Agency: San Rafael Fire Department
Amount: Not reported
Contained: Yes
Site Type: Service Station
E Date: Not reported
Substance: Diesel
Quantity Released: Not reported
BBLs: 0
Cups: 0
CUFT: 0
Gallons: 100-200
Grams: 0
Pounds: 0
Liters: 0
Ounces: 0
Pints: 0
Quarts: 0
Sheen: 0
Tons: 0
Unknown: 0
Description: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
Description: Substance was released from a diesel fuel delivery tanker. Substance went into storm drain.

CA FID UST:

Facility ID: 21000052
Regulated By: UTNKA
Regulated ID: 00024159
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154721744
Mail To: Not reported
Mailing Address: 4550 DACOMA
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:

Region: STATE
Facility ID: 00000024159
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER EXXON 7-7067 (Continued)

1000337848

Contact Name: ED BRENDEL
Telephone: 4154721744
Owner Name: EXXON COMPANY U.S.A
Owner Address: 16945 NORTHCHASE BLVD
Owner City,St,Zip: HOUSTON, TX 77210

Tank Num: 001
Container Num: 1
Year Installed: 1984
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1984
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 4
Year Installed: 1984
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 3
Year Installed: 1983
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: 1984
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor

SWEEPS UST:

Status: A
Comp Number: 24159
Number: 1
Board Of Equalization: Not reported
Ref Date: 03-06-91

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER EXXON 7-7067 (Continued)

1000337848

Act Date: 03-06-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 21-028-024159-000001
Actv Date: 09-26-91
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 5

Status: A
Comp Number: 24159
Number: 1
Board Of Equalization: Not reported
Ref Date: 03-06-91
Act Date: 03-06-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 21-028-024159-000002
Actv Date: 09-26-91
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 24159
Number: 1
Board Of Equalization: Not reported
Ref Date: 03-06-91
Act Date: 03-06-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 21-028-024159-000003
Actv Date: 09-26-91
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Status: A
Comp Number: 24159
Number: 1
Board Of Equalization: Not reported
Ref Date: 03-06-91
Act Date: 03-06-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 21-028-024159-000004
Actv Date: 09-26-91

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER EXXON 7-7067 (Continued)

1000337848

Capacity: 8000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 24159
Number: 1
Board Of Equalization: Not reported
Ref Date: 03-06-91
Act Date: 03-06-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 5
Swrcb Tank Id: 21-028-024159-000005
Actv Date: 09-26-91
Capacity: 1000
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0048

D16
NNE
< 1/8
0.018 mi.
95 ft.

EXXON CO. USA. # 77067
930 DEL PRESIDIO BLVD.
SAN RAFAEL, CA 94903
Site 3 of 25 in cluster D

RCRA-LQG 1007199308
CAD981411028

Relative:
Higher

RCRA-LQG:

Actual:
37 ft.

Date form received by agency: 10/12/2000
Facility name: EXXON CO. USA. # 77067
Facility address: 930 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903
EPA ID: CAD981411028
Mailing address: P.O. BOX 4999
THE WOODLANDS, TX 773804999
Contact: ALDA POOL
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (281) 296-3579
Contact email: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON CO. USA. # 77067 (Continued)

1007199308

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/21/1992
Facility name: EXXON CO. USA. # 77067
Site name: EXXON CO. USA #77067
Classification: Large Quantity Generator

Violation Status: No violations found

D17
NNE
< 1/8
0.018 mi.
95 ft.

**NORTHGATE VALERO
930 DEL PRESIDIO BOULEVARD
SAN RAFAEL, CA**
Site 4 of 25 in cluster D

**UST U004051135
N/A**

**Relative:
Higher**

UST:

Facility Id: 30-0035
Tank Number: 1
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5382
Last Inspected: 2/3/2009
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

**Actual:
37 ft.**

Tank Number: 2
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5382

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE VALERO (Continued)

U004051135

Last Inspected: 2/3/2009
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 3
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5382
Last Inspected: 2/3/2009
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 4
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5382
Last Inspected: 2/3/2009
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

D18
NNE
< 1/8
0.018 mi.
95 ft.

EXXON STATION #7-7067
930 DEL PRESIDIO BOULEVARD
SAN RAFAEL, CA

UST U004051105
N/A

Site 5 of 25 in cluster D

Relative:
Higher

UST:
Facility Id: 30-0083

Actual:
37 ft.

Tank Number: 1
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: Not reported
Last Inspected: Not reported
Active: No
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 2
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: Not reported
Last Inspected: Not reported
Active: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION #7-7067 (Continued)

U004051105

Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 3
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: Not reported
Last Inspected: Not reported
Active: No
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 4
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: Not reported
Last Inspected: Not reported
Active: No
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 5
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: Not reported
Last Inspected: Not reported
Active: No
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

D19
NNE
< 1/8
0.018 mi.
95 ft.

EXXON STATION #7-7067
930 DEL PRESIDIO BLVD.
SAN RAFAEL, CA 94903

Site 6 of 25 in cluster D

UST U003782117
N/A

Relative:
Higher

UST:
Global ID: 8684
Latitude: 38.00666
Longitude: -122.54451

Actual:
37 ft.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D20
NNE
< 1/8
0.019 mi.
98 ft.

CONOCOPHILLIPS
921 DEL PRESIDIO
SAN RAFAEL, CA

Site 7 of 25 in cluster D

LUST **S108935355**
N/A

Relative:
Higher

LUST:
Region: STATE
Global Id: T0604141609
Latitude: 38.0068530969632
Longitude: -122.54477083683
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 2008-02-01 00:00:00
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 21-0391
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminats of Concern: Diesel, Gasoline
Site History: Not reported

Actual:
37 ft.

D21
NNE
< 1/8
0.019 mi.
98 ft.

TERRA LINDA CAR WASH
921 DEL PRESIDIO BLVD.
SAN RAFAEL, CA 94903

Site 8 of 25 in cluster D

UST **U003942651**
N/A

Relative:
Higher

UST:
Global ID: 9017
Latitude: 38.00668
Longitude: -122.54454

Actual:
37 ft.

D22
NNE
< 1/8
0.019 mi.
98 ft.

TERRA LINDA 76 CAR WASH #254774
921 DEL PRESIDIO BOULEVARD
SAN RAFAEL, CA

Site 9 of 25 in cluster D

UST **U004051170**
N/A

Relative:
Higher

UST:
Facility Id: 30-0371

Tank Number: 1
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5369
Last Inspected: 8/13/2008
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Actual:
37 ft.

Tank Number: 2
Tank Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TERRA LINDA 76 CAR WASH #254774 (Continued)

U004051170

Tank Contents: Motor vehicle fuel
Certificate Number: 5369
Last Inspected: 8/13/2008
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

**D23
NNE
< 1/8
0.024 mi.
127 ft.**

**UNION OIL SS# 4774
929 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903
Site 10 of 25 in cluster D**

**CA FID UST S101624701
SWEEPS UST N/A**

**Relative:
Lower**

CA FID UST:
Facility ID: 21000163
Regulated By: UTNKA
Regulated ID: 00030699
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154790296
Mail To: Not reported
Mailing Address: 929 DEL PRESIDIO BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

**Actual:
35 ft.**

SWEEPS UST:
Status: A
Comp Number: 30699
Number: 9
Board Of Equalization: Not reported
Ref Date: 06-21-91
Act Date: 06-21-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 4774-1-1
Swrcb Tank Id: 21-028-030699-000001
Actv Date: 07-01-85
Capacity: 4000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: A
Comp Number: 30699
Number: 9
Board Of Equalization: Not reported
Ref Date: 06-21-91

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS# 4774 (Continued)

S101624701

Act Date: 06-21-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 4774-1-2
Swrcb Tank Id: 21-028-030699-000002
Actv Date: 07-01-85
Capacity: 5000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 30699
Number: 9
Board Of Equalization: Not reported
Ref Date: 06-21-91
Act Date: 06-21-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 4774-2-1
Swrcb Tank Id: 21-028-030699-000003
Actv Date: 07-01-85
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 30699
Number: 9
Board Of Equalization: Not reported
Ref Date: 06-21-91
Act Date: 06-21-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 4774-4-1
Swrcb Tank Id: 21-028-030699-000004
Actv Date: 07-01-85
Capacity: 280
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

D24
NNE
< 1/8
0.024 mi.
127 ft.

UNION OIL SS# 4774
929 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903
Site 11 of 25 in cluster D

HIST UST U001600026
N/A

Relative:
Lower

HIST UST:
Region: STATE
Facility ID: 00000030699
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0008

Actual:
35 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS# 4774 (Continued)

U001600026

Contact Name: JEROME V. NAWROCKI
Telephone: 4154790296
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111

Tank Num: 001
Container Num: 4774-1-1
Year Installed: 1961
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 4774-1-2
Year Installed: 1961
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 4774-2-1
Year Installed: 1961
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4774-4-1
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 4774-1-1
Year Installed: 1961
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: 4774-1-2
Year Installed: 1961
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS# 4774 (Continued)

U001600026

Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 007
Container Num: 4774-2-1
Year Installed: 1961
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 008
Container Num: 4774-4-1
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor

D25
NNE
< 1/8
0.024 mi.
127 ft.

UNOCAL
929 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94901
Site 12 of 25 in cluster D

HAZNET **S103991783**
LUST **N/A**
HIST CORTESE

Relative:
Lower

HAZNET:
Gepaid: CAL000161477
Contact: HAZMAT SPECIALIST
Telephone: 6027284180
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Marin
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 0.18
Facility County: Not reported

Actual:
35 ft.

Gepaid: CAL000161477
Contact: TOSCO MARKETING
Telephone: 6027284180
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Marin
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: 1.7514
Facility County: Marin

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL (Continued)

S103991783

Gepaid: CAL000161477
Contact: TOSCO MARKETING
Telephone: 6027284180
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Marin
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Treatment, Tank
Tons: 1.6638
Facility County: Marin

Gepaid: CAL000161477
Contact: HAZMAT SPECIALIST
Telephone: 6027284180
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Marin
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Tons: 0.75
Facility County: Not reported

Gepaid: CAL000161477
Contact: TOSCO MARKETING
Telephone: 6027284180
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Marin
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: .1042
Facility County: Marin

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

LUST:

Region: STATE
Global Id: T0604100148
Latitude: 38.008915
Longitude: -122.5435
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1996-04-11 00:00:00
Lead Agency: OTH

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL (Continued)

S103991783

Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 21-0157
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminats of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Region: 2
Facility Id: 21-0157
Facility Status: Case Closed
Case Number: 8
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 4/29/1991
Preliminary Site Assesment Began: 3/2/1992
Pollution Characterization Began: 12/14/1992
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0157

D26
NNE
< 1/8
0.024 mi.
127 ft.

UNION OIL SS#4774
929 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903
Site 13 of 25 in cluster D

HIST UST U001600028
N/A

Relative:
Lower

HIST UST:
Region: STATE
Facility ID: 00000059260
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0001
Contact Name: JEROME V. NAWROCKI
Telephone: 4154790296
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST., SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111

Actual:
35 ft.

Tank Num: 001
Container Num: 4774-10-1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 6 inches

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

UNION OIL SS#4774 (Continued)

U001600028

Leak Detection: Visual

D27
NNE
 < 1/8
 0.024 mi.
 127 ft.

UNOCAL SERVICE STATION #4774
929 DEL PRESIDIO BOULEVARD
SAN RAFAEL, CA 94903

RCRA-LQG 1007199789
CAD982056343

Site 14 of 25 in cluster D

Relative:
Lower

RCRA-LQG:

Date form received by agency: 03/16/1992

Facility name: UNOCAL SERVICE STATION #4774

Facility address: 929 DEL PRESIDIO BOULEVARD
 SAN RAFAEL, CA 94903

EPA ID: CAD982056343

Contact: MARC LALLANILLA

Contact address: Not reported

Contact address: Not reported

Contact country: Not reported

Contact telephone: (213) 977-6596

Contact email: Not reported

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

Handler Activities Summary:

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

Violation Status: No violations found

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D28
NNE
< 1/8
0.027 mi.
143 ft.

NORTHGATE SHELL
950 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94901
Site 15 of 25 in cluster D

CA FID UST S101588473
SWEEPS UST N/A

Relative:
Lower

CA FID UST:
 Facility ID: 21000139
 Regulated By: UTNKA
 Regulated ID: 00010499
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 4154991809
 Mail To: Not reported
 Mailing Address: P O BOX
 Mailing Address 2: Not reported
 Mailing City,St,Zip: SAN RAFAEL 94901
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

Actual:
34 ft.

SWEEPS UST:

Status: A
 Comp Number: 10499
 Number: 2
 Board Of Equalization: Not reported
 Ref Date: 06-20-91
 Act Date: 06-20-91
 Created Date: 12-31-88
 Tank Status: A
 Owner Tank Id: 1
 Swrcb Tank Id: 21-028-010499-000001
 Actv Date: 07-01-85
 Capacity: 550
 Tank Use: OIL
 Stg: W
 Content: WASTE OIL
 Number Of Tanks: 4

Status: A
 Comp Number: 10499
 Number: 2
 Board Of Equalization: Not reported
 Ref Date: 06-20-91
 Act Date: 06-20-91
 Created Date: 12-31-88
 Tank Status: A
 Owner Tank Id: 6918-08041-RU1
 Swrcb Tank Id: 21-028-010499-000002
 Actv Date: 06-20-91
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE SHELL (Continued)

S101588473

Status: A
Comp Number: 10499
Number: 2
Board Of Equalization: Not reported
Ref Date: 06-20-91
Act Date: 06-20-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 6918-08043-REG
Swrcb Tank Id: 21-028-010499-000003
Actv Date: 06-20-91
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 10499
Number: 2
Board Of Equalization: Not reported
Ref Date: 06-20-91
Act Date: 06-20-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 691808042-SU1
Swrcb Tank Id: 21-028-010499-000004
Actv Date: 06-20-91
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

D29
NNE
< 1/8
0.027 mi.
143 ft.

WILLIAM BAUGH/NORTHGATE SHELL
950 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94901
Site 16 of 25 in cluster D

HIST UST **U001599992**
N/A

Relative:
Lower

HIST UST:
Region: STATE
Facility ID: 00000010499
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: WILLIAM BAUGH
Telephone: 4154796222
Owner Name: SHELL OIL COMPANY
Owner Address: P.O. BOX 4848
Owner City,St,Zip: ANAHEIM, CA 92803

Actual:
34 ft.

Tank Num: 001
Container Num: 1
Year Installed: 1966
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM BAUGH/NORTHGATE SHELL (Continued)

U001599992

Tank Construction: 12 gauge
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 2
Year Installed: 83
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 003
Container Num: 3
Year Installed: 83
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 004
Container Num: 4
Year Installed: 83
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

**D30
NNE
< 1/8
0.027 mi.
143 ft.**

**NORTHGATE SHELL
950 DEL PRESIDIO
SAN RAFAEL, CA 94903**

**UST U003782112
N/A**

Site 17 of 25 in cluster D

**Relative:
Lower

Actual:
34 ft.**

UST:
Global ID: 8639
Latitude: 38.00676
Longitude: -122.54442

**D31
NNE
< 1/8
0.027 mi.
143 ft.**

**SHELL
950 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94901**

**HAZNET 1000288577
LUST N/A
HIST CORTESE**

Site 18 of 25 in cluster D

**Relative:
Lower

Actual:
34 ft.**

HAZNET:
Gepaid: CAD981400963
Contact: NORA CORTEZ/ENVT'L DATABASE
Telephone: 7132412258
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DRIVE
Mailing City,St,Zip: HOUSTON, TX 770672508
Gen County: Marin

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

TSD EPA ID: CAD982444481
TSD County: Marin
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: 0
Facility County: Marin

Gepaid: CAD981400963
Contact: NORA CORTEZ/ENVTL DATABASE
Telephone: 7132412258
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DRIVE
Mailing City,St,Zip: HOUSTON, TX 770672508
Gen County: Marin
TSD EPA ID: CAD009466392
TSD County: Contra Costa
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 2
Facility County: Not reported

LUST:

Region: STATE
Global Id: T0604100126
Latitude: 38.0069587674879
Longitude: -122.543950080872
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 2007-02-02 00:00:00
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 21-0133
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminats of Concern: Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Region: 2
Facility Id: 21-0133
Facility Status: Preliminary site assessment underway
Case Number: 21-0133
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 12/12/1989
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

CORTESE:
Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0133

D32
NNE
< 1/8
0.027 mi.
143 ft.

NORTHGATE SHELL #136047
950 DEL PRESIDIO BOULEVARD
SAN RAFAEL, CA

UST U004051134
N/A

Site 19 of 25 in cluster D

Relative:
Lower

UST:
Facility Id: 30-0024

Actual:
34 ft.

Tank Number: 1
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5353
Last Inspected: 12/18/2008
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 3
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5353
Last Inspected: 12/18/2008
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 4
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5353
Last Inspected: 12/18/2008
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D33 **93553**
NNE **949 DEL PRESIDIO BLVD**
< 1/8 **SAN RAFAEL, CA 94903**
0.039 mi.
207 ft. **Site 20 of 25 in cluster D**

HIST UST **U001599998**
 N/A

Relative:
Lower

HIST UST:
Region: STATE
Facility ID: 00000062466
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: SABACA,HARRY
Telephone: 4154999950
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105

Actual:
31 ft.

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000370 unknown
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000370 unknown
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Tank Construction: 0000370 unknown
Leak Detection: Stock Inventor

D34 **CHEVRON STATIONS, INC 93553**
NNE **949 DEL PRESIDIO BOULEVARD**
< 1/8 **SAN RAFAEL, CA**
0.039 mi.
207 ft. **Site 21 of 25 in cluster D**

UST **U004051093**
 N/A

Relative:
Lower

UST:
Facility Id: 30-0036

Actual:
31 ft.

Tank Number: 1
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5360
Last Inspected: 1/16/2009
Active: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATIONS, INC 93553 (Continued)

U004051093

Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 2
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5360
Last Inspected: 1/16/2009
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 3
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5360
Last Inspected: 1/16/2009
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 4
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5360
Last Inspected: 1/16/2009
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

D35
NNE
< 1/8
0.039 mi.
207 ft.

CHEVRON
949 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94901

Site 22 of 25 in cluster D

HAZNET **S105030649**
LUST **N/A**
SWEEPS UST

Relative:
Lower

HAZNET:
Gepaid: CAR000118695
Contact: KATHY NORRIS
Telephone: 9258425931
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 94583
Gen County: Marin
TSD EPA ID: CAD982444481
TSD County: Marin

Actual:
31 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S105030649

Waste Category: Other organic solids
Disposal Method: Recycler
Tons: 0.01
Facility County: Marin

LUST:

Region: STATE
Global Id: T0604100157
Latitude: 38.007217455
Longitude: -122.544517967
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 2007-03-29 00:00:00
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 21-0166
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminats of Concern: Gasoline
Site History: Not reported

LUST:

Region: 2
Facility Id: 21-0166
Facility Status: Leak being confirmed
Case Number: 3
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 8/17/1987
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:

Status: A
Comp Number: 62466
Number: 2
Board Of Equalization: 44-031913
Ref Date: 12-29-92
Act Date: 05-24-94
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 21-028-062466-000001
Actv Date: 12-29-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S105030649

Number Of Tanks: 4

Status: A
Comp Number: 62466
Number: 2
Board Of Equalization: 44-031913
Ref Date: 12-29-92
Act Date: 05-24-94
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 21-028-062466-000002
Actv Date: 12-29-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 62466
Number: 2
Board Of Equalization: 44-031913
Ref Date: 12-29-92
Act Date: 05-24-94
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 21-028-062466-000003
Actv Date: 12-29-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 62466
Number: 2
Board Of Equalization: 44-031913
Ref Date: 12-29-92
Act Date: 05-24-94
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 21-028-062466-000004
Actv Date: 12-29-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D36
NNE
< 1/8
0.039 mi.
207 ft.

CHEVRON STATION NO 93553
949 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903

RCRA-SQG 1006804949
FINDS CAR000118695

Site 23 of 25 in cluster D

**Relative:
Lower**

RCRA-SQG:

Date form received by agency: 05/16/2002
Facility name: CHEVRON STATION NO 93553
Facility address: 949 DEL PRESIDIO BLVD
SAN RAFAEL, CA 949033615

**Actual:
31 ft.**

EPA ID: CAR000118695
Mailing address: P O BOX 6004
SAN RAMON, CA 94583
Contact: KATHY NORRIS
Contact address: P O BOX 6004
SAN RAMON, CA 94583

Contact country: US
Contact telephone: (925) 842-5931
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: CHEVRON PRODUCTS CO
Owner/operator address: P O BOX 6004
SAN RAMON, CA 94583
Owner/operator country: Not reported
Owner/operator telephone: (925) 842-5931
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 93553 (Continued)

1006804949

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

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID: 110013290884

California - Hazardous Waste Tracking System - Datamart

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.

D37
NNE
< 1/8
0.039 mi.
207 ft.

93553 CHEVRON
949 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903

CA FID UST S101588454
N/A

Site 24 of 25 in cluster D

Relative:
Lower

CA FID UST:
Facility ID: 21000033
Regulated By: UTNKA
Regulated ID: 00062466
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154999950
Mail To: Not reported
Mailing Address: 949 DEL PRESIDIO BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Actual:
31 ft.

MAP FINDINGS

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

D38 NNE < 1/8 0.039 mi. 207 ft.	CHEVRON STATION #93553 949 DEL PRESIDIO BLVD. SAN RAFAEL, CA 94903 Site 25 of 25 in cluster D	UST	U003804959 N/A
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Relative: Lower	UST: Global ID: 8648 Latitude: 38.00688 Actual: Longitude: -122.54435 31 ft.
----------------------------------	--

39 WNW < 1/8 0.079 mi. 417 ft.	VILLA MARIN HOMEOWNERS ASSOCIATION 100 THORNDALE DRIVE SAN RAFAEL, CA	UST	U003782243 N/A
--	--	------------	--------------------------

Relative: Higher	UST: Global ID: 9046 Latitude: 38.00345 Actual: Longitude: -122.54824 122 ft.
-----------------------------------	---

UST: Facility Id: 30-0478 Tank Number: 1 Tank Status: Tank Removed Tank Contents: Motor vehicle fuel Certificate Number: Not reported Last Inspected: Not reported Active: Yes Program: Not reported Location: Not reported Pulled Date: Not reported Reason: Not reported

E40 NE < 1/8 0.112 mi. 592 ft.	NTRON ELECTRONICS 3833 REDWOOD HWY SAN RAFAEL, CA 94903 Site 1 of 2 in cluster E	HAZNET HIST UST	U001600017 N/A
--	--	----------------------------------	--------------------------

Relative: Higher	HAZNET: Gepaid: CAC002558926 Contact: PAULA SIFFLET Telephone: 4155072035 Facility Addr2: Not reported Mailing Name: Not reported Mailing Address: 3833 REDWOOD HWY Mailing City,St,Zip: SAN RAFAEL, CA 94903 Gen County: Marin TSD EPA ID: Not reported TSD County: Los Angeles Waste Category: Contaminated soil from site clean-ups Disposal Method: Not reported Tons: 0.02 Facility County: Not reported
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NTRON ELECTRONICS (Continued)

U001600017

HIST UST:
Region: STATE
Facility ID: 00000052925
Facility Type: Other
Other Type: MEDICAL DEVICES
Total Tanks: 0001
Contact Name: CARTER R. ENGSTROM
Telephone: 4154724600
Owner Name: KENNETH LEVIN
Owner Address: 350 MERRYDALE RD.
Owner City,St,Zip: SAN RAFAEL, CA 94903

Tank Num: 001
Container Num: NO. 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Visual

**E41
NE
< 1/8
0.114 mi.
602 ft.**

**HERB'S POOL SERVICE, INC
3769 REDWOOD HIGHWAY
SAN RAFAEL, CA**

**UST U004051114
N/A**

Site 2 of 2 in cluster E

**Relative:
Higher**

UST:
Facility Id: 30-0116

**Actual:
85 ft.**

Tank Number: Not reported
Tank Status: Not reported
Tank Contents: Not reported
Certificate Number: Not reported
Last Inspected: Not reported
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

**F42
North
< 1/8
0.116 mi.
612 ft.**

**ART'S AUTO CARE
1005 NORTHGATE DR
SAN RAFAEL, CA 94901**

**LUST S102424670
HIST CORTESE N/A**

Site 1 of 5 in cluster F

**Relative:
Higher**

LUST:
Region: STATE
Global Id: T0604100257
Latitude: 38.0085733941626
Longitude: -122.545130252838
Case Type: LUST Cleanup Site
Status: Open - Verification Monitoring
Status Date: 2008-01-10 00:00:00
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)

**Actual:
37 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ART'S AUTO CARE (Continued)

S102424670

Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 21-0275
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminats of Concern: Gasoline
Site History: Not reported

LUST:

Region: 2
Facility Id: 21-0275
Facility Status: Leak being confirmed
Case Number: 21-39
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 1/19/1995
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0275

F43
North
< 1/8
0.116 mi.
612 ft.

ART'S TEXACO
1005 NORTHGATE DR
SAN RAFAEL, CA 94903
Site 2 of 5 in cluster F

HIST UST **U001600003**
N/A

Relative:
Higher

HIST UST:
Region: STATE
Facility ID: 00000057007
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0005
Contact Name: ART BAPTISTA
Telephone: 4154796400
Owner Name: R & F DISTRIBUTING
Owner Address: 2401 NO. STATE ST.
Owner City,St,Zip: UKIAH, CA 95482

Actual:
37 ft.

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ART'S TEXACO (Continued)

U001600003

Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor

F44
North
< 1/8
0.116 mi.
612 ft.

TEXACO
1005 NORTHGATE DR
SAN RAFAEL, CA 94903

HAZNET U001600025
HIST UST N/A

Site 3 of 5 in cluster F

Relative:
Higher

HAZNET:
Gepaid: CAC001023224
Contact: TEXCO
Telephone: 8185052734
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10 UNIVERSAL CITY PLAZA, FLR 7
Mailing City,St,Zip: UNIVERSAL CITY, CA 916080000
Gen County: Marin
TSD EPA ID: CAD043260702
TSD County: San Mateo
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 40.1571

Actual:
37 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

U001600025

Facility County: Marin

Gepaid: CAC001023224
Contact: TEXCO
Telephone: 8185052734
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10 UNIVERSAL CITY PLAZA, FLR 7
Mailing City,St,Zip: UNIVERSAL CITY, CA 916080000
Gen County: Marin
TSD EPA ID: CAD004771168
TSD County: San Francisco
Waste Category: Empty containers less than 30 gallons
Disposal Method: Recycler
Tons: .1500
Facility County: Marin

Gepaid: CAC001023224
Contact: TEXCO
Telephone: 8185052734
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 10 UNIVERSAL CITY PLAZA, FLR 7
Mailing City,St,Zip: UNIVERSAL CITY, CA 916080000
Gen County: Marin
TSD EPA ID: CAD004771168
TSD County: San Francisco
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 6.0750
Facility County: Marin

HIST UST:

Region: STATE
Facility ID: 00000016020
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0005
Contact Name: SURPLUS
Telephone: 4154796400
Owner Name: TEXACO U.S.A.
Owner Address: 3350 WILSHIRE BLVD
Owner City,St,Zip: LOS ANGELES 90010

Tank Num: 001
Container Num: 1
Year Installed: 1965
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor, Sensor Instrument

Tank Num: 002
Container Num: 0000000002
Year Installed: 1965
Tank Capacity: 00006000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TEXACO (Continued)

U001600025

Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Sensor Instrument

Tank Num: 003
Container Num: 3
Year Installed: 1965
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor, Sensor Instrument

Tank Num: 004
Container Num: 4
Year Installed: 1965
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor, Sensor Instrument

Tank Num: 005
Container Num: 5
Year Installed: 1965
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Visual

F45
North
< 1/8
0.116 mi.
612 ft.

GATEWAY GAS
1005 NORTHGATE DRIVE
SAN RAFAEL, CA

UST U003782222
N/A

Site 4 of 5 in cluster F

Relative:
Higher

UST:
Global ID: 9016
Latitude: 38.00825
Longitude: -122.54513

Actual:
37 ft.

UST:
Facility Id: 30-0370

Tank Number: 1
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5370
Last Inspected: 8/17/2008
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATEWAY GAS (Continued)

U003782222

Tank Number: 2
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5370
Last Inspected: 8/17/2008
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

F46
North
< 1/8
0.116 mi.
612 ft.

ARTS AUTO CARE
1005 NORTHGATE DR
SAN RAFAEL, CA 94903

CA FID UST S101588498
SWEEPS UST N/A

Site 5 of 5 in cluster F

Relative:
Higher

CA FID UST:
Facility ID: 21001170
Regulated By: UTNKA
Regulated ID: 00016020
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154796400
Mail To: Not reported
Mailing Address: 1005 NORTHGATE DR
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Actual:
37 ft.

SWEEPS UST:

Status: A
Comp Number: 16020
Number: 9
Board Of Equalization: Not reported
Ref Date: 02-07-92
Act Date: 02-07-92
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 21-028-016020-000001
Actv Date: 02-07-92
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 5

Status: A
Comp Number: 16020
Number: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARTS AUTO CARE (Continued)

S101588498

Board Of Equalization: Not reported
Ref Date: 02-07-92
Act Date: 02-07-92
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 2
Swrcb Tank Id: 21-028-016020-000002
Actv Date: 02-07-92
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 16020
Number: 9
Board Of Equalization: Not reported
Ref Date: 02-07-92
Act Date: 02-07-92
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 21-028-016020-000003
Actv Date: 02-07-92
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 16020
Number: 9
Board Of Equalization: Not reported
Ref Date: 02-07-92
Act Date: 02-07-92
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 21-028-016020-000004
Actv Date: 07-01-85
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 16020
Number: 9
Board Of Equalization: Not reported
Ref Date: 02-07-92
Act Date: 02-07-92
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARTS AUTO CARE (Continued)

S101588498

Swrcb Tank Id: 21-028-016020-000005
Actv Date: 07-01-85
Capacity: 550
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

47
NNE
1/8-1/4
0.173 mi.
913 ft.

CHEVRON
100 MARIN
SAN RAFAEL, CA

HAZNET **S102793031**
SWEEPS UST **N/A**

Relative:
Higher

HAZNET:
Gepaid: CAC000726744
Contact: BRENDA SWIERCINSKY
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 100 MARIN CENTER DRIVE
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Marin
TSD EPA ID: CAL000027741
TSD County: 5
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 1.2642
Facility County: Marin

Actual:
43 ft.

SWEEPS UST:
Status: A
Comp Number: 844
Number: 1
Board Of Equalization: 44-031913
Ref Date: 12-29-92
Act Date: Not reported
Created Date: 05-25-94
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 21-000-0008
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: PLUS UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 844
Number: 1
Board Of Equalization: 44-031913
Ref Date: 12-29-92
Act Date: Not reported
Created Date: 05-25-94
Tank Status: A
Owner Tank Id: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S102793031

Swrcb Tank Id: 21-000-0008
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 844
Number: 1
Board Of Equalization: 44-031913
Ref Date: 12-29-92
Act Date: Not reported
Created Date: 05-25-94

Tank Status: A
Owner Tank Id: 3
Swrcb Tank Id: 21-000-0008
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 844
Number: 1
Board Of Equalization: 44-031913
Ref Date: 12-29-92
Act Date: Not reported
Created Date: 05-25-94

Tank Status: A
Owner Tank Id: 4
Swrcb Tank Id: 21-000-0008
Actv Date: Not reported
Capacity: 10000
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

48
NNW
1/8-1/4
0.227 mi.
1196 ft.

PAUL O SATHER RADIOLOGY OFFICE
750 LAS GALLINAS NO 101
SAN RAFAEL, CA 94903

RCRA-SQG 1000685832
FINDS CAD983624941

Relative:
Lower

RCRA-SQG:
Date form received by agency: 03/24/1992
Facility name: PAUL O SATHER RADIOLOGY OFFICE
Facility address: 750 LAS GALLINAS NO 101
SAN RAFAEL, CA 94903
EPA ID: CAD983624941
Contact: PAUL SATHER
Contact address: 750 LAS GALLINAS NO 101
SAN RAFAEL, CA 94903
Contact country: US

Actual:
22 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAUL O SATHER RADIOLOGY OFFICE (Continued)

1000685832

Contact telephone: (415) 879-8211
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: PAUL SATHER MD
Owner/operator address: 750 LAS GALLINAS NO 101
SAN RAFAEL, CA 94903
Owner/operator country: Not reported
Owner/operator telephone: (415) 479-8211
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID: 110002872044

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.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

49
NNE
1/4-1/2
0.254 mi.
1339 ft.

PACIFIC BELL
7 PROFESSIONAL CENTER PARKWAY
SAN RAFAEL, CA 94903

RCRA-SQG 1000250851
FINDS CAT080015761
HAZNET
LUST
CA FID UST
HIST UST
SWEEPS UST
HIST CORTESE

Relative:
Lower

Actual:
26 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: PACIFIC BELL
Facility address: 7 PROFESSIONAL CENTER PARKWAY
SAN RAFAEL, CA 94903

EPA ID: CAT080015761
Mailing address: 220 MONTGOMERY STREET RM 1051
SAN FRANCISCO, CA 94104

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: THE PACIFIC TEL & TEL COMPANY
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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)

1000250851

Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/09/1981
Facility name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID: 110002947438

California - Hazardous Waste Tracking System - Datamart

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.

HAZNET:

Gepaid: CAT080015761
Contact: SHARON BAYLE/STAFF ASSOC
Telephone: 9258675741
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 5095 RM 3E000
Mailing City,St,Zip: SAN RAMON, CA 945830995
Gen County: Marin
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Tons: 0.29
Facility County: Not reported

Gepaid: CAT080015761
Contact: PACIFIC BELL
Telephone: 9258236161
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 5095 RM 3E000
Mailing City,St,Zip: SAN RAMON, CA 945830995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250851

Gen County: Marin
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Tons: .6255
Facility County: Marin

Gepaid: CAT080015761
Contact: PACIFIC BELL
Telephone: 9258236161
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 5095 RM 3E000
Mailing City,St,Zip: SAN RAMON, CA 945830995
Gen County: Marin
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Tons: 0.2085
Facility County: Marin

Gepaid: CAT080015761
Contact: SHARON BAYLE/STAFF ASSOC
Telephone: 9258675741
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 5095 RM 3E000
Mailing City,St,Zip: SAN RAMON, CA 945830995
Gen County: Marin
TSD EPA ID: Not reported
TSD County: San Mateo
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.44
Facility County: Not reported

Gepaid: CAT080015761
Contact: PACIFIC BELL
Telephone: 9258236161
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 5095 RM 3E000
Mailing City,St,Zip: SAN RAMON, CA 945830995
Gen County: Marin
TSD EPA ID: CAD083166728
TSD County: Stanislaus
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: .2293
Facility County: Marin

[Click this hyperlink](#) while viewing on your computer to access 1 additional CA_HAZNET: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250851

LUST:

Region: STATE
Global Id: T0604100162
Latitude: 38.011754
Longitude: -122.538841
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2007-02-20 00:00:00
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 21-0171
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminats of Concern: Kerosene
Site History: Not reported

LUST:

Region: 2
Facility Id: 21-0171
Facility Status: Pollution Characterization
Case Number: 57
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 11/5/1992
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CA FID UST:

Facility ID: 21001560
Regulated By: UTKNA
Regulated ID: 00057735
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155426758
Mail To: Not reported
Mailing Address: 370 003RD ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250851

Region: STATE
Facility ID: 00000057735
Facility Type: Other
Other Type: SIC 4800
Total Tanks: 0001
Contact Name: E.J. KOEHLER
Telephone: 4155426758
Owner Name: PACIFIC BELL
Owner Address: 370 THIRD STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94107

Tank Num: 001
Container Num: 1
Year Installed: 1979
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: None

SWEEPS UST:

Status: A
Comp Number: 57735
Number: 9
Board Of Equalization: Not reported
Ref Date: 03-06-91
Act Date: 03-06-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 21-028-057735-000001
Actv Date: 09-27-91
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 1

CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0171

**G50
WNW
1/4-1/2
0.380 mi.
2007 ft.**

**KAISER PERMANENTE MEDICAL CENTER
99 MONTECILLO ROAD
SAN RAFAEL, CA 94903
Site 1 of 2 in cluster G**

**FINDS 1000380355
HAZNET CAD981427495
LUST
RCRA-LQG
UST
CA FID UST
HIST UST
SWEEPS UST**

**Relative:
Higher**

**Actual:
66 ft.**

**FINDS:
Other Pertinent Environmental Activity Identified at Site**

Registry ID: 110000783929

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

California - Hazardous Waste Tracking System - Datamart

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).

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.

HAZNET:

Gepaid: CAD981427495
Contact: KAISER PERMANENTE
Telephone: 5102715910
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1950 FRANKLIN ST, 12TH FLOOR
Mailing City,St,Zip: OAKLAND, CA 946123416
Gen County: Marin
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .1225
Facility County: Marin

Gepaid: CAD981427495
Contact: KAISER PERMANENTE
Telephone: 5102715910
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1950 FRANKLIN ST, 12TH FLOOR
Mailing City,St,Zip: OAKLAND, CA 946123416
Gen County: Marin
TSD EPA ID: CAD983600339
TSD County: 1
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 22.9671
Facility County: Marin

Gepaid: CAD981427495
Contact: KAISER PERMANENTE
Telephone: 5102715910
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1950 FRANKLIN ST, 12TH FLOOR
Mailing City,St,Zip: OAKLAND, CA 946123416
Gen County: Marin
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Transfer Station

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Tons: .0030
Facility County: Marin

Gepaid: CAD981427495
Contact: KAISER PERMANENTE
Telephone: 5102715910
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1950 FRANKLIN ST, 12TH FLOOR
Mailing City,St,Zip: OAKLAND, CA 946123416
Gen County: Marin
TSD EPA ID: CAD983600339
TSD County: 1
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .4170
Facility County: Marin

Gepaid: CAD981427495
Contact: KAISER PERMANENTE
Telephone: 5102715910
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1950 FRANKLIN ST, 12TH FLOOR
Mailing City,St,Zip: OAKLAND, CA 946123416
Gen County: Marin
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Disposal, Other
Tons: 1.2574
Facility County: Marin

[Click this hyperlink](#) while viewing on your computer to access 224 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region: STATE
Global Id: T0604100190
Latitude: 38.005843
Longitude: -122.552508
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1999-08-27 00:00:00
Lead Agency: OTH
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 21-0199
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminats of Concern: Diesel
Site History: Not reported

LUST:

Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Facility Id: 21-0199
Facility Status: Case Closed
Case Number: 82
How Discovered: Subsurface Monitoring
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 1/5/1995
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

RCRA-LQG:

Date form received by agency: 02/28/2006
Facility name: KAISER PERMANENTE SAN RAFAEL
Facility address: 99 MONTECILLO ROAD
SAN RAFAEL, CA 94903
EPA ID: CAD981427495
Contact: SHARON FOLEY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (415) 444-2021
Telephone ext.: 2021
Contact email: SHARON.FOLEY@KP.ORG
EPA Region: 09
Land type: Private
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: KAISER PERMANENTE
Owner/operator address: 1950 FRANKLIN STREET
OAKLAND, CA 94612
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/12/1979
Owner/Op end date: Not reported
Owner/operator name: SHARON FOLEY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/15/2004
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Yes
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:

Date form received by agency: 03/30/2004
Facility name: KAISER PERMANENTE SAN RAFAEL
Site name: KAISER PERMANENTE MEDICAL CENTER
Classification: Large Quantity Generator

Date form received by agency: 02/25/2002
Facility name: KAISER PERMANENTE SAN RAFAEL
Site name: KAISER PERMANENTE MEDICAL CENTER
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Facility name: KAISER PERMANENTE SAN RAFAEL
Site name: KAISER PERMANENTE MED CENTER
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Facility name: KAISER PERMANENTE SAN RAFAEL
Site name: KAISER PERMANENTE
Classification: Large Quantity Generator

Date form received by agency: 03/28/1996

Facility name: KAISER PERMANENTE SAN RAFAEL
Site name: KAISER PERMANENTE MEDICAL CENTER
Classification: Large Quantity Generator

Date form received by agency: 02/14/1996

Facility name: KAISER PERMANENTE SAN RAFAEL
Site name: KAISER PERMANENTE
Classification: Large Quantity Generator

Date form received by agency: 04/29/1994

Facility name: KAISER PERMANENTE SAN RAFAEL
Site name: KAISER PERMANENTE
Classification: Large Quantity Generator

Date form received by agency: 04/06/1992

Facility name: KAISER PERMANENTE SAN RAFAEL
Site name: KAISER PERMANENTE
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: 134
Waste name: 134

Waste code: 141
Waste name: 141

Waste code: 181
Waste name: 181

Waste code: 213
Waste name: 213

Waste code: 261
Waste name: 261

Waste code: 343
Waste name: 343

Waste code: 352
Waste name: 352

Waste code: 512
Waste name: 512

Waste code: 541
Waste name: 541

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Waste code: 551
Waste name: 551

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: 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: D008
Waste name: LEAD

Waste code: D011
Waste name: SILVER

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

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.

Biennial Reports:

Last Biennial Reporting Year: 2007

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Amount (Lbs): 3535

Waste code: D011
Waste name: SILVER
Amount (Lbs): 14297.5

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): 7185

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/12/2003
Date achieved compliance: 12/12/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/12/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/12/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/12/2003
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/27/2002
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/02/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

UST:

Global ID: 8731
Latitude: 38.00414

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Longitude: -122.55367

UST:

Facility Id: 30-0181

Tank Number: 1
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5376
Last Inspected: 12/12/2008
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 2
Tank Status: Active
Tank Contents: Motor vehicle fuel
Certificate Number: 5376
Last Inspected: 12/12/2008
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 3
Tank Status: Tank Removed
Tank Contents: Motor vehicle fuel
Certificate Number: 5376
Last Inspected: 12/12/2008
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 4
Tank Status: Tank Removed
Tank Contents: Hazardous waste (includes used oil)
Certificate Number: 5376
Last Inspected: 12/12/2008
Active: Yes
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

CA FID UST:

Facility ID: 21001773
Regulated By: UTNKA
Regulated ID: 00010182

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154992130
Mail To: Not reported
Mailing Address: 99 MONTICELLO RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:

Region: STATE
Facility ID: 00000010182
Facility Type: Other
Other Type: MEDICAL CENTER
Total Tanks: 0003
Contact Name: Not reported
Telephone: 4154992000
Owner Name: KAISER FOUNDATION HOSPITAL
Owner Address: 1924 BROADWAY
Owner City,St,Zip: OAKLAND, CA 94612

Tank Num: 001
Container Num: B-1
Year Installed: 1975
Tank Capacity: 00007637
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: B-2
Year Installed: 1975
Tank Capacity: 00007637
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: E-1
Year Installed: 1975
Tank Capacity: 00007637
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor

SWEEPS UST:

Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Comp Number: 10182
Number: 1
Board Of Equalization: Not reported
Ref Date: 06-20-91
Act Date: 06-20-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: B-1
Swrcb Tank Id: 21-028-010182-000001
Actv Date: 06-20-91
Capacity: 1500
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: 3

Status: A
Comp Number: 10182
Number: 1
Board Of Equalization: Not reported
Ref Date: 06-20-91
Act Date: 06-20-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: B-1
Swrcb Tank Id: 21-028-010182-000002
Actv Date: 06-20-91
Capacity: 7637
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

Status: A
Comp Number: 10182
Number: 1
Board Of Equalization: Not reported
Ref Date: 06-20-91
Act Date: 06-20-91
Created Date: 12-31-88
Tank Status: A
Owner Tank Id: B-2
Swrcb Tank Id: 21-028-010182-000003
Actv Date: 06-20-91
Capacity: 7637
Tank Use: M.V. FUEL
Stg: P
Content: DIESEL
Number Of Tanks: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

G51 **KAISER MEDICAL CENTER**
WNW **99 MONTECILLO**
1/4-1/2 **SAN RAFAEL, CA 94903**
0.380 mi.
2007 ft. **Site 2 of 2 in cluster G**

HIST CORTESE **S102432102**
N/A

Relative: **CORTESE:**
Higher Region: **CORTESE**
 Facility County Code: **21**
Actual: Reg By: **LTNKA**
66 ft. Reg Id: **21-0199**

52 **MARIN COUNTY CIVIC CENTER**
ESE **3501 CIVIC CENTER DR**
1/4-1/2 **SAN RAFAEL, CA 94913**
0.414 mi.
2185 ft.

HAZNET **U003104391**
LUST **N/A**
CHMIRS
CDL
HIST CORTESE

Relative: **HAZNET:**
Lower Gepaid: **CAC002623749**
 Contact: **LIZ LOUIS**
Actual: Telephone: **4194996530**
35 ft. Facility Addr2: **Not reported**
 Mailing Name: **Not reported**
 Mailing Address: **PO BOX 4186**
 Mailing City,St,Zip: **SAN RAFAEL, CA 949134186**
 Gen County: **Marin**
 TSD EPA ID: **CAD980887418**
 TSD County: **Alameda**
 Waste Category: **Unspecified oil-containing waste**
 Disposal Method: **H141**
 Tons: **2.78**
 Facility County: **Marin**

 Gepaid: **CAL000315674**
 Contact: **KEVIN PUSSER**
 Telephone: **4154993709**
 Facility Addr2: **Not reported**
 Mailing Name: **Not reported**
 Mailing Address: **PO BOX 4186**
 Mailing City,St,Zip: **SAN RAFAEL, CA 949130000**
 Gen County: **Marin**
 TSD EPA ID: **CAT000646117**
 TSD County: **Kings**
 Waste Category: **Asbestos-containing waste**
 Disposal Method: **H132**
 Tons: **1.67**
 Facility County: **Marin**

 Gepaid: **CAL000315674**
 Contact: **KEVIN PUSSER**
 Telephone: **4154993709**
 Facility Addr2: **Not reported**
 Mailing Name: **Not reported**
 Mailing Address: **PO BOX 4186**
 Mailing City,St,Zip: **SAN RAFAEL, CA 949130000**
 Gen County: **Marin**
 TSD EPA ID: **CAD982042475**
 TSD County: **Solano**
 Waste Category: **Asbestos-containing waste**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARIN COUNTY CIVIC CENTER (Continued)

U003104391

Disposal Method: H132
Tons: 0.8
Facility County: Marin

Gepaid: CAL000315674
Contact: KEVIN PUSSER
Telephone: 4154993709
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 4186
Mailing City,St,Zip: SAN RAFAEL, CA 949130000
Gen County: Marin
TSD EPA ID: CAT000646117
TSD County: Kings
Waste Category: Other inorganic solid waste
Disposal Method: H132
Tons: 0.2
Facility County: Marin

Gepaid: CAC002570721
Contact: DORREN HILL
Telephone: 4154996526
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 4186
Mailing City,St,Zip: SAN RAFAEL, CA 94913
Gen County: Marin
TSD EPA ID: CAD982042475
TSD County: Marin
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Tons: 12.64
Facility County: Marin

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

LUST:

Region: STATE
Global Id: T0604100330
Latitude: 37.9974731745062
Longitude: -122.529230117798
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2009-04-01 00:00:00
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: Not reported
Local Agency: MARIN COUNTY
RB Case Number: 21-0348
LOC Case Number: 21-0348
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminats of Concern: Diesel
Site History: Not reported

Region: STATE
Global Id: T0604100068

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARIN COUNTY CIVIC CENTER (Continued)

U003104391

Latitude: 38.0009
Longitude: -122.5333
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1998-01-22 00:00:00
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: Not reported
Local Agency: MARIN COUNTY
RB Case Number: 21-0071
LOC Case Number: 21-0071
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminats of Concern: Diesel
Site History: Not reported

LUST:

Region: 2
Facility Id: 21-0071
Facility Status: Case Closed
Case Number: 21-0071
How Discovered: OM
Leak Cause: Other Cause
Leak Source: Other Source
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility Id: 21-0348
Facility Status: Preliminary site assessment underway
Case Number: 21-0348
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 10/29/1999
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 6/4/2001
Preliminary Site Assesment Began: 2/12/2003
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CHMIRS:

OES Incident Number: 99-4653
OES notification: 11/2/199912:21:47 PM
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARIN COUNTY CIVIC CENTER (Continued)

U003104391

Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
Special Studies 1: Not reported
Special Studies 2: Not reported
Special Studies 3: Not reported
Special Studies 4: Not reported
Special Studies 5: Not reported
Special Studies 6: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA/DOT/PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Comments: Not reported
Facility Telephone: Not reported
Waterway Involved: Yes
Waterway: Civic Center Lagoon
Spill Site: Not reported
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 1999
Agency: Marin Co
Incident Date: 10/28/1999 12:00:00 AM
Admin Agency: San Rafael Fire Department
Amount: Not reported
Contained: Yes
Site Type: Waterways
E Date: Not reported
Substance: Diesel
Quantity Released: Not reported
BBLs: 0
Cups: 0
CUFT: 0
Gallons: 10
Grams: 0
Pounds: 0
Liters: 0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MARIN COUNTY CIVIC CENTER (Continued)

U003104391

Ounces: 0
 Pints: 0
 Quarts: 0
 Sheen: 0
 Tons: 0
 Unknown: 0
 Description: Not reported
 Evacuations: 0
 Number of Injuries: 0
 Number of Fatalities: 0
 Description: Underground storage tank had pipe leak and fuel went into storm drain subsequently got washed into the lagoon by rain

CDL:

Facility ID: 200007018
 Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

CORTESE:

Region: CORTESE
 Facility County Code: 21
 Reg By: LTNKA
 Reg Id: 21-0071

Region: CORTESE
 Facility County Code: 21
 Reg By: LTNKA
 Reg Id: 21-0348

53
NNE
1/4-1/2
0.458 mi.
2417 ft.

TESTA PLUMBING
4244 REDWOOD HWY
SAN RAFAEL, CA 94903

HAZNET
LUST
HIST CORTESE

S104162588
N/A

Relative:
Lower

HAZNET:

Gepaid: CAC000753312
 Contact: KEN TESTA
 Telephone: 7074850414
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2151 RD E
 Mailing City,St,Zip: REDWOOD VALLEY, CA 954700000
 Gen County: Marin
 TSD EPA ID: CAL000048571
 TSD County: Santa Clara
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: .4170
 Facility County: Marin

Actual:
22 ft.

Gepaid: CAC000753312
 Contact: KEN TESTA
 Telephone: 7074850414
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 2151 RD E

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TESTA PLUMBING (Continued)

S104162588

Mailing City,St,Zip: REDWOOD VALLEY, CA 954700000
Gen County: Marin
TSD EPA ID: CAD009466392
TSD County: 7
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: .2500
Facility County: Marin

LUST:

Region: STATE
Global Id: T0604100294
Latitude: 38.013799
Longitude: -122.54097
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1996-10-18 00:00:00
Lead Agency: OTH
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 21-0312
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminats of Concern: Gasoline
Site History: Not reported

LUST:

Region: 2
Facility Id: 21-0312
Facility Status: Case Closed
Case Number: 21-0312
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0312

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H54 **SCR-FAIRCHILD-4300 REDWOO**
NNE **4300 REDWOOD**
1/2-1 **SAN RAFAEL, CA 94903**
0.521 mi.
2752 ft. **Site 1 of 2 in cluster H**

ENVIROSTOR **S101481138**
HIST CORTESE **N/A**

Relative:
Lower

ENVIROSTOR:

Actual:
22 ft.

Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 21360001
Site Code: Not reported
Assembly: 06
Senate: 03
Special Program: * Rural County Survey Program
Status: Refer: RWQCB
Status Date: 1989-11-09 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.0138888888889
Longitude: -122.5411111111111
Alias Name: 21360001
Alias Type: Envirostor ID Number

APN: NONE SPECIFIED
APN Description: Not reported
Comments: FACILITY IDENTIFIED RWQCB FILE: 5/7/82 LETTER - GROUNDWATER
CONTAMINATION / WASTE PLUME ON SITESITE SCREENING DONE ACTION STATUS
RATIONALE: SITE IS PENDING RWQCB ACTION RELATIVE TO THE WASTE PLUME
IDENTIFIED ON SITE.

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 1987-02-01 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1989-12-15 00:00:00

Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported

Management:

Management Required: NONE SPECIFIED
Management Required Desc: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCR-FAIRCHILD-4300 REDWOOD (Continued)

S101481138

Potential: NONE SPECIFIED
Potential Description: 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
PastUse: NONE SPECIFIED

CORTESE:
Region: CORTESE
Facility County Code: 21
Reg By: WBC&D
Reg Id: 2 215121N01

H55 FAIRCHILD CAMERA & INSTRUMENT
NNE 4300 REDWOOD HWY
1/2-1 SAN RAFAEL, CA 94903
0.521 mi.
2752 ft. Site 2 of 2 in cluster H

Relative:
Lower

Actual:
22 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

Registry ID: 110000609333

California - Hazardous Waste Tracking System - Datamart

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).

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.

RCRA-TSDF:

Date form received by agency: 08/06/1992
Facility name: FAIRCHILD CAMERA & INSTRUMENT
Facility address: 4300 REDWOOD HWY
SAN RAFAEL, CA 94903
EPA ID: CAD009144619
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.

FINDS 1000354465
RCRA-TSDF CAD009144619
CORRACTS
CERC-NFRAP
HIST UST
NPDES
ENVIROSTOR
RCRA-NonGen

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date: Not reported
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: FAIRCHILD, A SCHLUMBERGER CO
Owner/operator address: 4300 REDWOOD HWY
SAN RAFAEL, CA 94903
Owner/operator country: Not reported
Owner/operator telephone: (415) 479-8000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: FAIRCHILD, A SCHLUMBERGER CO
Owner/operator address: 4300 REDWOOD HWY
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 479-8000
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: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 07/25/1980
Facility name: FAIRCHILD CAMERA & INSTRUMENT
Classification: Not a generator, verified

Corrective Action Summary:

Event date: 04/30/1990
Event: CA036WQ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

Event date: 06/01/1990
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 06/01/1990
Event: CA049PA

Event date: 06/01/1990
Event: CA074ME

Event date: 06/01/1990
Event: CA029WQ

Event date: 04/23/1997
Event: RFA Completed, Assessment was an RFA.

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 04/28/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 01/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 04/28/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 01/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 04/28/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/27/1988
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: LDR - General
Date achieved compliance: 06/14/1989
Evaluation lead agency: State

Evaluation date: 02/02/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

Evaluation date: 01/27/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/14/1989
Evaluation lead agency: State

Evaluation date: 01/27/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 06/14/1989
Evaluation lead agency: State

CORRACTS:

EPA ID: CAD009144619
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 6/1/1990
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 334413
Semiconductor and Related Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

CERC-NFRAP:

Site ID: 0903275
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Contact Name(s):

Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Nuria Muniz
Contact Tel: (415) 972-3811
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 07/28/1989
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 06/01/1990
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 01/23/1996
Priority Level: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

HIST UST:

Region: STATE
Facility ID: 00000035373
Facility Type: Not reported
Other Type: Not reported
Total Tanks: 0002
Contact Name: RICHARD BOHNET
Telephone: 4154798000
Owner Name: FAIRCHILD CAMERA AND INSTRUMEN
Owner Address: 464 ELLIS ST.
Owner City,St,Zip: MT. VIEW, CA 94042

Tank Num: 001
Container Num: #1
Year Installed: 1960
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 10 inches
Leak Detection: Groundwater Monitoring Well

Tank Num: 002
Container Num: #2
Year Installed: 1960
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 10 inches
Leak Detection: Visual, Sensor Instrument

NPDES:

Npdes Number: Not reported
Facility Status: Terminated
Agency Id: 201
Region: 2
Regulatory Measure Id: 182064
Order No: Not reported
Order No Of General Order: Not reported
Regulatory Measure Type: Storm water construction
Place Id: 203197
WDID: 2 21C314592
Program Type: CONSTW
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 11/30/2000
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 12/7/2006
Discharge Name: 4300 Redwood Road LLC Ico Keenan
Discharge Address: 700 Emerson St
Discharge Address2: Not reported
Discharge City: Palo Alto
Discharge State: CA
Discharge Zip: 94301

ENVIROSTOR:

Site Type: Corrective Action
Site Type Detailed: Corrective Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Not reported
Supervisor: Wei Wei Chui
Division Branch: Berkeley
Facility ID: 80001607
Site Code: Not reported
Assembly: 06
Senate: 06
Special Program: Not reported
Status: * Inactive
Status Date: 2008-01-01 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.014257
Longitude: -122.54102
Alias Name: SL20232850
Alias Type: GeoTracker Global ID
Alias Name: 80001607
Alias Type: Envirostor ID Number
Alias Name: CAD009144619
Alias Type: EPA Identification Number

APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported

Management:

Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: 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
PastUse: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

56
ESE
1/2-1
0.747 mi.
3943 ft.

MARINE CORPS RESERVE CENTER
153 MADISON AVE
SAN RAFAEL, CA 94903

Notify 65
LUST

S100179433
N/A

Relative:
Lower

Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92691

Actual:
29 ft.

LUST:
Region: STATE
Global Id: T0604100072
Latitude: 38.001069
Longitude: -122.526607
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2009-03-20 00:00:00
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 21-0075
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Soil
Potential Contaminats of Concern: Diesel
Site History: Not reported

LUST:
Region: 2
Facility Id: 21-0075
Facility Status: Preliminary site assessment underway
Case Number: 59
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/3/1995
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

57
ESE
1/2-1
0.833 mi.
4397 ft.

MARINE CORPS RESERVE TRAINING CENTER
153 MADISON AVE.
SAN RAFAEL, CA 94903

ENVIROSTOR S101481159
N/A

Relative:
Lower

Actual:
34 ft.

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Berkeley
Facility ID: 21920002
Site Code: 200331
Assembly: 06
Senate: 03
Special Program: Not reported
Status: Refer: Other Agency
Status Date: 1994-06-23 00:00:00
Restricted Use: NO
Funding: Not reported
Latitude: 38.0013694714989
Longitude: -122.527632598818
Alias Name: 21920002
Alias Type: Envirostor ID Number
Alias Name: 200331
Alias Type: Project Code (Site Code)
Alias Name: CA NATIONAL GUARD
Alias Type: Alternate Name
Alias Name: CALIFORNIA NATIONAL GUARD
Alias Type: Alternate Name
Alias Name: NAVY RADIO TRAINING CENTER
Alias Type: Alternate Name
Alias Name: US MARINE TRAINING CENTER
Alias Type: Alternate Name

APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 1992-01-10 00:00:00

Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported

Management:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS RESERVE TRAINING CENTER (Continued)

S101481159

Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: 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
PastUse: NONE SPECIFIED

58
NNE
1/2-1
0.872 mi.
4604 ft.

RICH ELECTRIC
110 CARLOS DR
SAN RAFAEL, CA 94901

Notify 65 **U000058140**
LUST **N/A**
HIST CORTESE

Relative:
Lower

Notify 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92691

Actual:
24 ft.

LUST:
Region: STATE
Global Id: T0604100172
Latitude: 38.017368
Longitude: -122.533895
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1995-11-03 00:00:00
Lead Agency: OTH
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 21-0181
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Region: 2
Facility Id: 21-0181
Facility Status: Case Closed
Case Number: 56
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 4/9/1993
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICH ELECTRIC (Continued)

U000058140

Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0181

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MARIN COUNTY	S105632050		US 101 EST BLYTHEDALE EXIT		CHMIRS, SLIC
SAN RAFAEL	U003974753	CHINA CAMP STATE PARK	1 ROUTE 1, BOX 244	94903	UST
SAN RAFAEL	S109422306	MARIN SANITARY SERVICE TYPE A INER	1050 ANDERSON DRIVE ON JACOBY		SWF/LF
SAN RAFAEL	U003914495	CHINA CAMP	CHINA CAMP STATE PARK	94903	UST
SAN RAFAEL	1004678370	MARIN MUNI WTR MILLER CREEK TK	1677 LUCAS VLY RD DWY RT OF	94903	RCRA-SQG, FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 02/02/2009	Source: EPA
Date Data Arrived at EDR: 02/12/2009	Telephone: N/A
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 04/20/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/27/2009
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/23/2009	Source: EPA
Date Data Arrived at EDR: 04/28/2009	Telephone: N/A
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 04/20/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/27/2009
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 02/02/2009	Source: EPA
Date Data Arrived at EDR: 02/12/2009	Telephone: N/A
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 04/20/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/27/2009
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 01/09/2009	Source: EPA
Date Data Arrived at EDR: 01/30/2009	Telephone: 703-412-9810
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/29/2009
Number of Days to Update: 101	Next Scheduled EDR Contact: 07/13/2009
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 06/15/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/14/2009
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2009	Source: EPA
Date Data Arrived at EDR: 04/02/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 06/01/2009
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/31/2009
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 03/31/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/22/2009	Telephone: 703-603-0695
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 03/30/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/29/2009
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2008	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/30/2009	Telephone: 202-267-2180
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 05/12/2009
Number of Days to Update: 109	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 05/27/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/27/2009	Telephone: 916-323-3400
Date Made Active in Reports: 06/15/2009	Last EDR Contact: 05/27/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/24/2009
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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.

Date of Government Version: 05/27/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/27/2009	Telephone: 916-323-3400
Date Made Active in Reports: 06/15/2009	Last EDR Contact: 05/27/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/24/2009
	Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/09/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 03/10/2009
Next Scheduled EDR Contact: 06/08/2009
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 04/13/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 05/04/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Varies

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 06/01/2009
Next Scheduled EDR Contact: 08/31/2009
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 05/18/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/08/2009
Date Data Arrived at EDR: 04/08/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 33

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 04/08/2009
Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 05/18/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 04/07/2009
Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 05/11/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Quarterly

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/08/2009
Date Data Arrived at EDR: 04/08/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 33

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 04/08/2009
Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 05/18/2009
Next Scheduled EDR Contact: 08/17/2008
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 04/07/2009
Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 05/11/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 06/01/2009
Next Scheduled EDR Contact: 08/31/2009
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/15/2008
Date Data Arrived at EDR: 12/16/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/20/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 9

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 06/04/2009	Source: EPA Region 10
Date Data Arrived at EDR: 06/05/2009	Telephone: 206-553-2857
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 12	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/20/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 06/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 06/03/2009	Telephone: 303-312-6271
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/24/2009	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/08/2009	Source: SWRCB
Date Data Arrived at EDR: 04/08/2009	Telephone: 916-480-1028
Date Made Active in Reports: 05/14/2009	Last EDR Contact: 04/08/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/06/2009
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 11/01/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/10/2009	Telephone: 916-341-5712
Date Made Active in Reports: 04/14/2009	Last EDR Contact: 05/29/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/27/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/24/2009	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 09/08/2008	Source: EPA Region 5
Date Data Arrived at EDR: 09/19/2008	Telephone: 312-886-6136
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 05/17/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/20/2009	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2009	Telephone: 214-665-7591
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 06/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 06/03/2009	Telephone: 303-312-6137
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 06/04/2009	Source: EPA Region 10
Date Data Arrived at EDR: 06/05/2009	Telephone: 206-553-2857
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 12	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/15/2008	Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2008	Telephone: 415-972-3368
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 05/27/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/27/2009	Telephone: 916-323-3400
Date Made Active in Reports: 06/15/2009	Last EDR Contact: 05/27/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/24/2009
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/14/2008	Telephone: 202-566-2777
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 05/20/2009
Number of Days to Update: 39	Next Scheduled EDR Contact: 07/13/2009
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008	Source: EPA, Region 9
Date Data Arrived at EDR: 04/17/2008	Telephone: 415-972-3336
Date Made Active in Reports: 05/15/2008	Last EDR Contact: 06/21/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/21/2009
	Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 06/01/2009
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/31/2009
	Data Release Frequency: Quarterly

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 04/07/2009	Source: Department of Conservation
Date Data Arrived at EDR: 04/08/2009	Telephone: 916-323-3836
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 04/08/2009
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/06/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/28/2009	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 05/29/2009	Telephone: 916-341-6422
Date Made Active in Reports: 06/15/2009	Last EDR Contact: 06/08/2009
Number of Days to Update: 17	Next Scheduled EDR Contact: 09/07/2009
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 05/26/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/24/2009
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/01/2008	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 10/31/2008	Telephone: 202-307-1000
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 03/26/2009
Number of Days to Update: 53	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 05/27/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/27/2009	Telephone: 916-323-3400
Date Made Active in Reports: 06/15/2009	Last EDR Contact: 05/27/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/24/2009
	Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

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

Date of Government Version: 09/30/2008
Date Data Arrived at EDR: 10/06/2008
Date Made Active in Reports: 10/13/2008
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/22/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 04/07/2009
Date Data Arrived at EDR: 04/07/2009
Date Made Active in Reports: 05/14/2009
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/21/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Varies

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 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.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 05/29/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2009	Telephone: 202-564-6023
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/18/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 06/08/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/07/2009
	Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/15/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/19/2009	Telephone: 916-323-3400
Date Made Active in Reports: 06/15/2009	Last EDR Contact: 05/04/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/03/2009
	Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 03/30/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/31/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 12/30/2009
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/29/2009
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/31/2009	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-366-4555
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 04/16/2009
Number of Days to Update: 43	Next Scheduled EDR Contact: 07/13/2009
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/31/2007	Source: Office of Emergency Services
Date Data Arrived at EDR: 05/09/2008	Telephone: 916-845-8400
Date Made Active in Reports: 06/20/2008	Last EDR Contact: 05/18/2009
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 04/08/2009	Source: State Water Quality Control Board
Date Data Arrived at EDR: 04/08/2009	Telephone: 866-480-1028
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 04/08/2009
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/06/2009
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 04/08/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/08/2009	Telephone: 866-480-1028
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 04/08/2009
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/06/2009
	Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (415) 495-8895
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 04/23/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 05/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 05/28/2008	Telephone: 202-366-4595
Date Made Active in Reports: 08/08/2008	Last EDR Contact: 05/27/2009
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/24/2009
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 01/27/2009
Date Data Arrived at EDR: 04/23/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 18

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/21/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 04/23/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 03/24/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/23/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 04/09/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/16/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/14/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Every 4 Years

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 05/18/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 03/20/2009
Date Data Arrived at EDR: 03/20/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/13/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 02/26/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 9

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 05/04/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 04/02/2009
Date Data Arrived at EDR: 04/24/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 25

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 04/28/2009
Date Data Arrived at EDR: 04/29/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/29/2009
Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 04/28/2009	Source: EPA
Date Data Arrived at EDR: 05/01/2009	Telephone: (415) 947-8000
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 03/30/2009
Number of Days to Update: 18	Next Scheduled EDR Contact: 06/29/2009
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2007	Source: EPA/NTIS
Date Data Arrived at EDR: 02/19/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 06/08/2009
Number of Days to Update: 92	Next Scheduled EDR Contact: 09/07/2009
	Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 03/09/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/13/2009	Telephone: 916-445-9379
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 06/11/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 09/07/2009
	Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 04/20/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 19

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 04/22/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES].

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 04/13/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 05/06/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 4

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 04/17/2009
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/24/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 17

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 04/24/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/17/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 50

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 10/16/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 41

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 04/17/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 04/13/2009
Date Data Arrived at EDR: 04/14/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 04/24/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 13

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/24/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/14/2009
Number of Days to Update: 16

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 05/27/2009
Date Data Arrived at EDR: 05/28/2009
Date Made Active in Reports: 06/15/2009
Number of Days to Update: 18

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 04/17/2009
Date Data Arrived at EDR: 04/17/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 24

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 05/04/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

KERN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 04/09/2009
Number of Days to Update: 9

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 08/31/2009
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

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

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 04/13/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/26/2008
Date Data Arrived at EDR: 01/27/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 71

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/11/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 05/12/2009
Date Data Arrived at EDR: 05/14/2009
Date Made Active in Reports: 06/15/2009
Number of Days to Update: 32

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 05/12/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 02/11/2009
Date Data Arrived at EDR: 04/23/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 18

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 05/11/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/11/2009
Date Data Arrived at EDR: 05/19/2009
Date Made Active in Reports: 06/12/2009
Number of Days to Update: 24

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 05/11/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 06/03/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/23/2009
Date Data Arrived at EDR: 02/24/2009
Date Made Active in Reports: 04/09/2009
Number of Days to Update: 44

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 06/12/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/05/2009
Date Data Arrived at EDR: 02/17/2009
Date Made Active in Reports: 04/09/2009
Number of Days to Update: 51

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/27/2009
Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

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

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/21/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Annually

ORANGE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/06/2009
Date Data Arrived at EDR: 06/09/2009
Date Made Active in Reports: 06/15/2009
Number of Days to Update: 6

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/03/2009
Next Scheduled EDR Contact: 08/31/2009
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/02/2009
Date Data Arrived at EDR: 03/27/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 12

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/03/2009
Next Scheduled EDR Contact: 08/31/2009
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/06/2009
Date Data Arrived at EDR: 06/09/2009
Date Made Active in Reports: 06/12/2009
Number of Days to Update: 3

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: 08/31/2009
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/27/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 13

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 04/03/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/14/2009
Date Data Arrived at EDR: 04/15/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 26

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 04/13/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 05/06/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/14/2009
Number of Days to Update: 7

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 04/13/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Contaminated Sites

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

Date of Government Version: 02/04/2009
Date Data Arrived at EDR: 04/29/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 12

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/29/2009
Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 02/04/2009
Date Data Arrived at EDR: 04/29/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 12

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/29/2009
Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 04/08/2009
Date Data Arrived at EDR: 04/08/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 33

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 06/01/2009
Next Scheduled EDR Contact: 08/31/2009
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 07/16/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 04/03/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2008
Date Data Arrived at EDR: 12/23/2008
Date Made Active in Reports: 01/27/2009
Number of Days to Update: 35

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 05/18/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Environmental Case Listing

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

Date of Government Version: 01/22/2009	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 03/31/2009	Telephone: 619-338-2371
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 03/31/2009
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/29/2009
	Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

Date of Government Version: 09/19/2008	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 09/29/2008	Last EDR Contact: 06/01/2009
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/31/2009
	Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008	Source: Department of Public Health
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 10/01/2008	Last EDR Contact: 06/15/2009
Number of Days to Update: 12	Next Scheduled EDR Contact: 08/31/2009
	Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

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

Date of Government Version: 04/22/2009	Source: Environmental Health Department
Date Data Arrived at EDR: 05/12/2009	Telephone: N/A
Date Made Active in Reports: 06/12/2009	Last EDR Contact: 04/13/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 07/13/2009
	Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 04/29/2009	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 05/01/2009	Telephone: 650-363-1921
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 04/07/2009
Number of Days to Update: 10	Next Scheduled EDR Contact: 07/06/2009
	Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 04/07/2009	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 04/07/2009	Telephone: 650-363-1921
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 04/07/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/06/2009
	Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST LUST - Fuel Leak Site Activity Report

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

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

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

Date of Government Version: 05/29/2009
Date Data Arrived at EDR: 06/01/2009
Date Made Active in Reports: 06/15/2009
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/01/2009
Date Made Active in Reports: 06/15/2009
Number of Days to Update: 14

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 06/01/2009
Next Scheduled EDR Contact: 08/31/2009
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 03/23/2009
Date Data Arrived at EDR: 04/07/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 34

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2009
Date Data Arrived at EDR: 04/10/2009
Date Made Active in Reports: 05/14/2009
Number of Days to Update: 34

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

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

Date of Government Version: 04/20/2009
Date Data Arrived at EDR: 04/21/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 20

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Quarterly

SUTTER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 04/01/2009	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 04/02/2009	Telephone: 530-822-7500
Date Made Active in Reports: 04/09/2009	Last EDR Contact: 03/30/2009
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/29/2009
	Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 02/26/2009	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 03/31/2009	Telephone: 805-654-2813
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 06/12/2009
Number of Days to Update: 8	Next Scheduled EDR Contact: 09/07/2009
	Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 08/01/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 09/04/2008	Telephone: 805-654-2813
Date Made Active in Reports: 09/18/2008	Last EDR Contact: 05/17/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 06/09/2009
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/07/2009
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

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

Date of Government Version: 03/31/2009	Source: Environmental Health Division
Date Data Arrived at EDR: 04/08/2009	Telephone: 805-654-2813
Date Made Active in Reports: 05/14/2009	Last EDR Contact: 04/08/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/06/2009
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 04/21/2009	Source: Yolo County Department of Health
Date Data Arrived at EDR: 05/06/2009	Telephone: 530-666-8646
Date Made Active in Reports: 05/14/2009	Last EDR Contact: 04/13/2009
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/13/2009
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2006	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/11/2008	Telephone: 860-424-3375
Date Made Active in Reports: 03/19/2009	Last EDR Contact: 06/12/2009
Number of Days to Update: 98	Next Scheduled EDR Contact: 09/07/2009
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/05/2009	Telephone: N/A
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 05/05/2009
Number of Days to Update: 17	Next Scheduled EDR Contact: 08/03/2009
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/27/2009	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/25/2009	Telephone: 518-402-8651
Date Made Active in Reports: 03/12/2009	Last EDR Contact: 05/27/2009
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/24/2009
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/11/2008	Telephone: N/A
Date Made Active in Reports: 10/02/2008	Last EDR Contact: 06/08/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/07/2009
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2008	Source: Department of Environmental Management
Date Data Arrived at EDR: 02/12/2009	Telephone: 401-222-2797
Date Made Active in Reports: 03/11/2009	Last EDR Contact: 06/15/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/14/2009
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007	Source: Department of Natural Resources
Date Data Arrived at EDR: 08/22/2008	Telephone: N/A
Date Made Active in Reports: 09/08/2008	Last EDR Contact: 04/07/2009
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/06/2009
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NORTHGATE MALL
5800 NORTHGATE MALL
SAN RAFAEL, CA 94903

TARGET PROPERTY COORDINATES

Latitude (North):	38.00520 - 38° 0' 18.7"
Longitude (West):	122.544 - 122° 32' 38.4"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	540033.9
UTM Y (Meters):	4206284.5
Elevation:	37 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38122-A5 NOVATO, CA
Most Recent Revision:	1980
South Map:	37122-H5 SAN RAFAEL, CA
Most Recent Revision:	1999

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

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

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

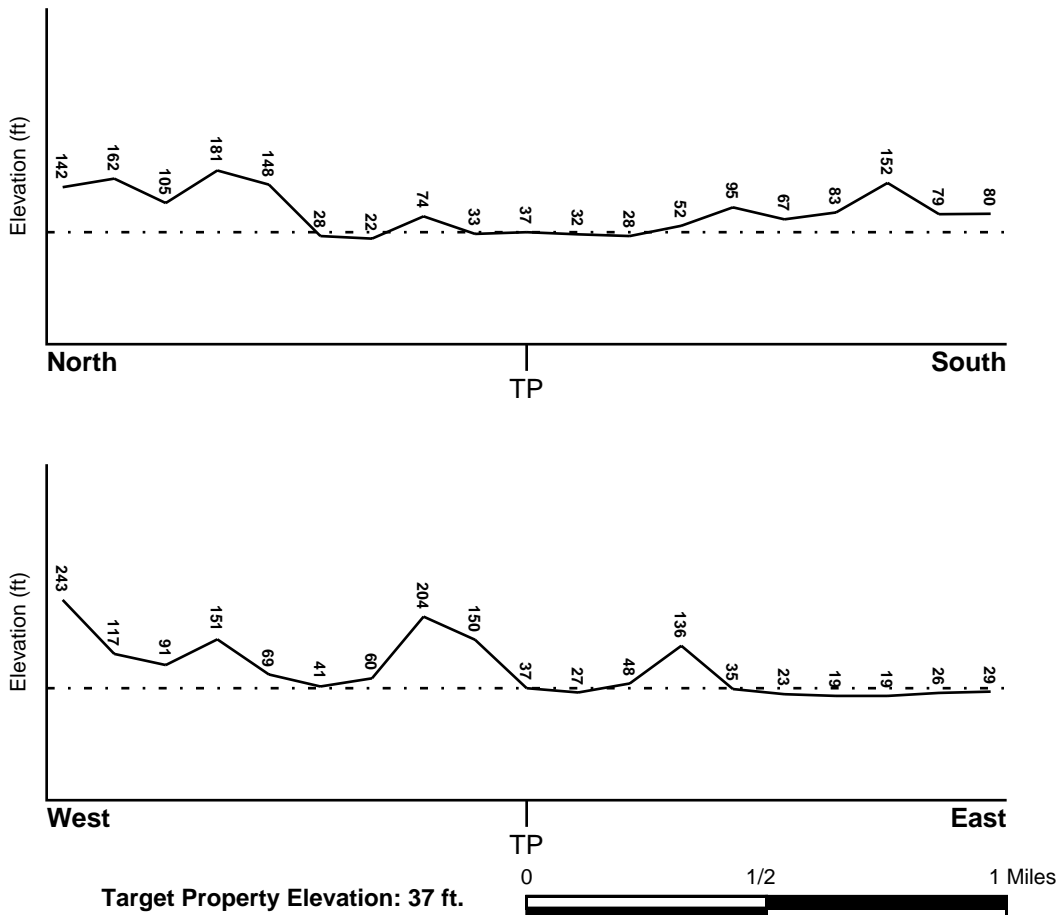
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> MARIN, CA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	0650580005B
Additional Panels in search area:	0601730269A 0601730450A

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> NOVATO	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
--	--

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	1/8 - 1/4 Mile North	SW
A2	1/8 - 1/4 Mile North	Varies
A3	1/4 - 1/2 Mile North	NW
5	1/4 - 1/2 Mile NNW	Not Reported
6	1/4 - 1/2 Mile NNE	W
7	1/4 - 1/2 Mile West	Not Reported
8	1/2 - 1 Mile ESE	E
9	1/2 - 1 Mile NNE	Not Reported

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
10	1/2 - 1 Mile NNE	NE
B11	1/2 - 1 Mile NNE	Not Reported
B12	1/2 - 1 Mile NNE	NW
13	1/2 - 1 Mile NNE	Varies
14	1/2 - 1 Mile ESE	W

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

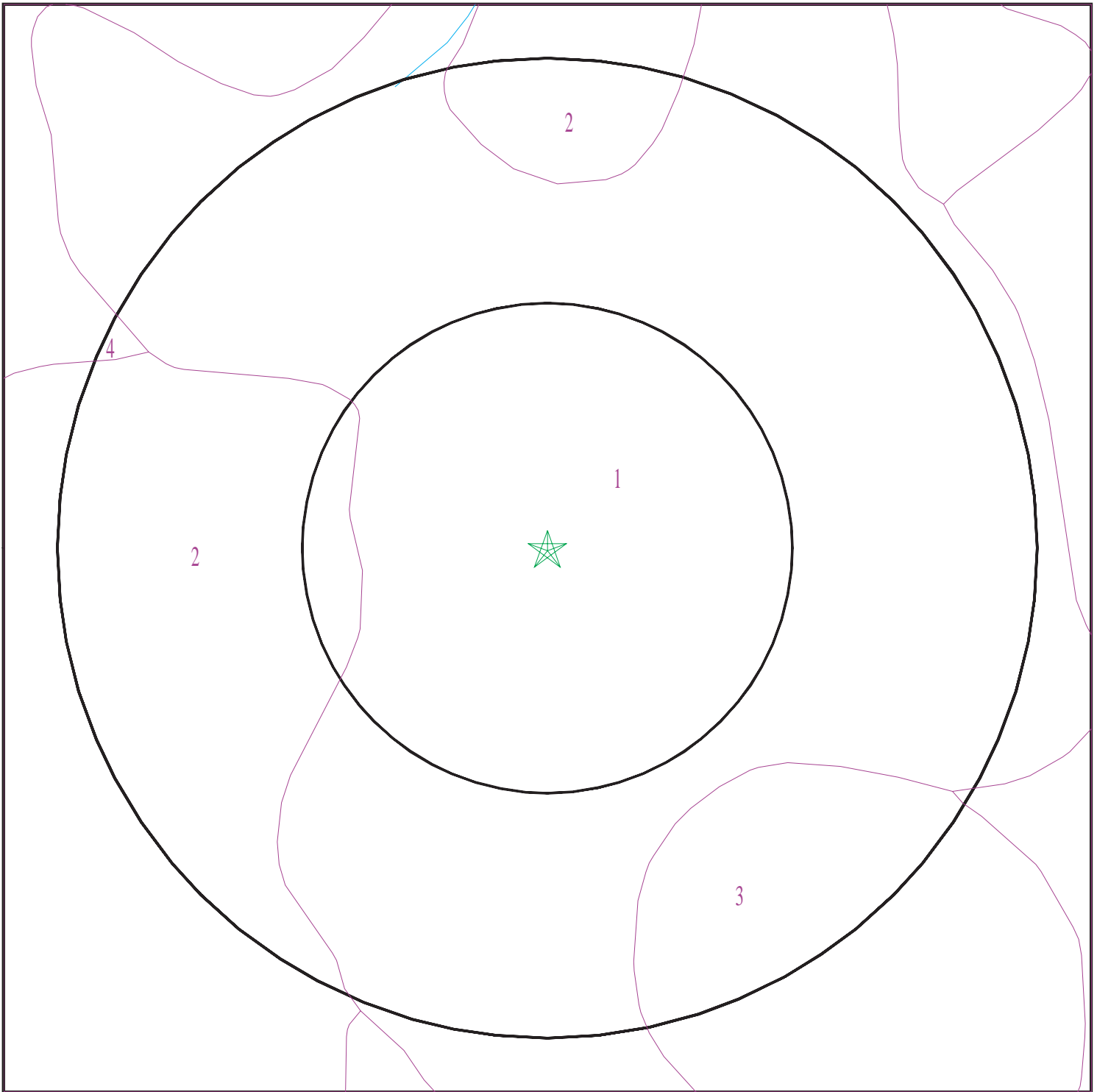
Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tp <i>(decoded above as Era, System & Series)</i>

GEOLOGIC AGE IDENTIFICATION

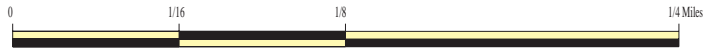
Category: Stratified Sequence

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

SSURGO SOIL MAP - 2528764.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Northgate Mall
ADDRESS: 5800 Northgate Mall
San Rafael CA 94903
LAT/LONG: 38.0052 / 122.5440

CLIENT: AEI Consultants
CONTACT: Deborah Snell
INQUIRY #: 2528764.2s
DATE: June 29, 2009 8:24 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: URBAN LAND

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: SAURIN

Soil Surface Texture: clay loam

Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	9 inches	33 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	33 inches	37 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: SAURIN

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	9 inches	33 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	33 inches	37 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: XERORTHENTS

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

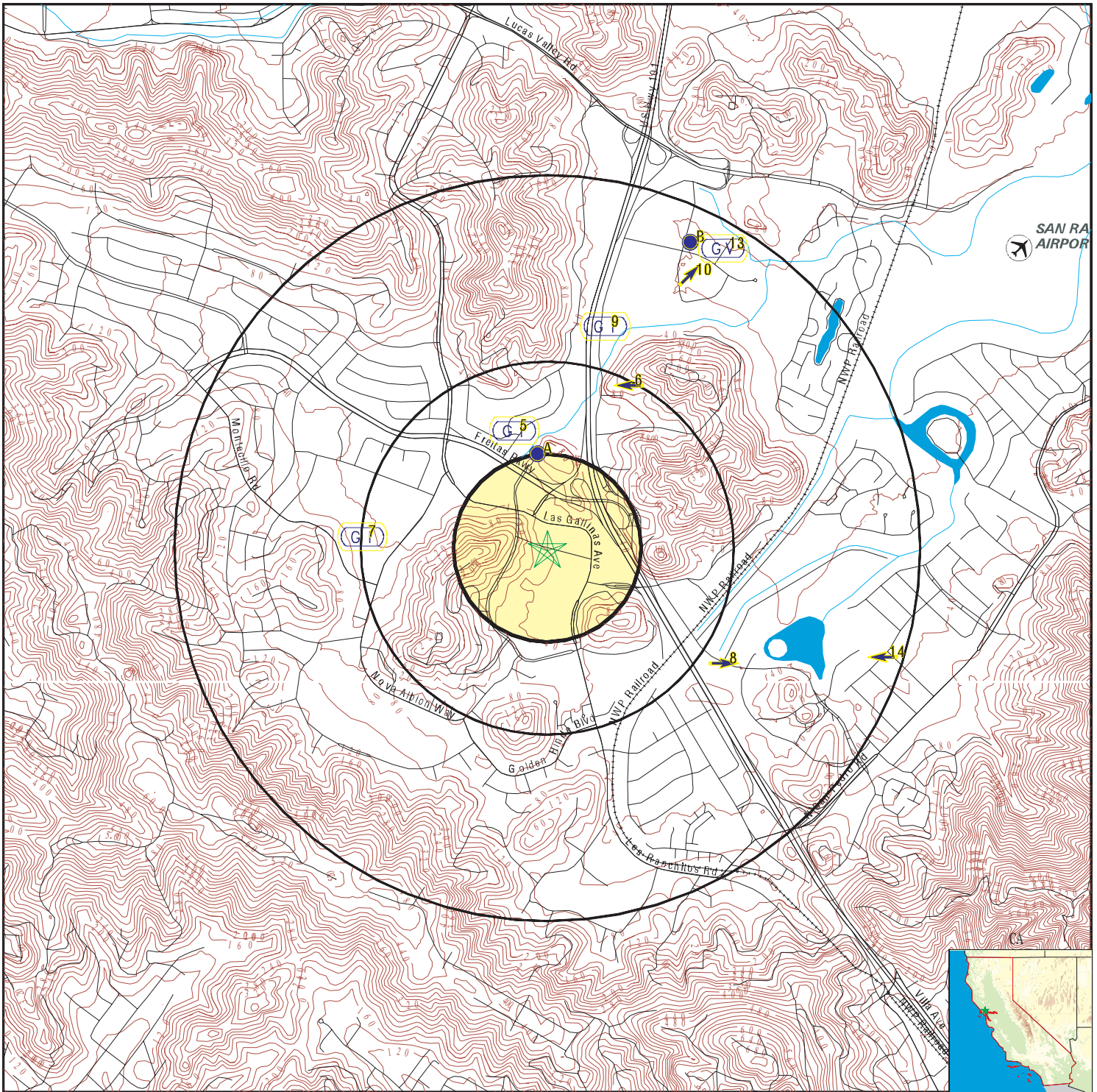
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 2528764.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Northgate Mall
 ADDRESS: 5800 Northgate Mall
 San Rafael CA 94903
 LAT/LONG: 38.0052 / 122.5440

CLIENT: AEI Consultants
 CONTACT: Deborah Snell
 INQUIRY #: 2528764.2s
 DATE: June 29, 2009 8:24 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
A1	North	1/8 - 1/4 Mile	Higher	AQUIFLOW	52886
	Site ID:	Not Reported			
	Groundwater Flow:	SW			
	Shallow Water Depth:	7.21			
	Deep Water Depth:	12.89			
	Average Water Depth:	Not Reported			
	Date:	02/20/1996			
A2	North	1/8 - 1/4 Mile	Higher	AQUIFLOW	52885
	Site ID:	Not Reported			
	Groundwater Flow:	Varies			
	Shallow Water Depth:	0.16			
	Deep Water Depth:	15.10			
	Average Water Depth:	Not Reported			
	Date:	07/30/1999			
A3	North	1/4 - 1/2 Mile	Higher	AQUIFLOW	52895
	Site ID:	Not Reported			
	Groundwater Flow:	NW			
	Shallow Water Depth:	4.5			
	Deep Water Depth:	14			
	Average Water Depth:	Not Reported			
	Date:	08/06/1998			
A4	North	1/4 - 1/2 Mile	Higher	AQUIFLOW	52892
	Site ID:	Not Reported			
	Groundwater Flow:	Not Reported			
	Shallow Water Depth:	10.5			
	Deep Water Depth:	19			
	Average Water Depth:	Not Reported			
	Date:	04/16/1990			
5	NNW	1/4 - 1/2 Mile	Lower	AQUIFLOW	50393
	Site ID:	Not Reported			
	Groundwater Flow:	Not Reported			
	Shallow Water Depth:	5.00			
	Deep Water Depth:	12.50			
	Average Water Depth:	Not Reported			
	Date:	04/28/1999			
6	NNE	1/4 - 1/2 Mile	Higher	AQUIFLOW	52834
	Site ID:	Not Reported			
	Groundwater Flow:	W			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	5			
	Date:	06/1991			
7	West	1/4 - 1/2 Mile	Higher	AQUIFLOW	52891
	Site ID:	Not Reported			
	Groundwater Flow:	Not Reported			
	Shallow Water Depth:	Not Reported			
	Deep Water Depth:	Not Reported			
	Average Water Depth:	7			
	Date:	10/01/1993			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
8 ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	21-0071 E Not Reported Not Reported 8.20 12/19/1991	AQUIFLOW	39101
9 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported 6.5 7.5 Not Reported 04/15/1996	AQUIFLOW	52872
10 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported NE 6.92 7.62 Not Reported 11/21/1994	AQUIFLOW	50365
B11 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported 7.31 11.07 Not Reported 01/05/1990	AQUIFLOW	52951
B12 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported NW 4 9 Not Reported 04/29/1995	AQUIFLOW	52867
13 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Varies 3.91 6.60 Not Reported 09/08/1995	AQUIFLOW	50379
14 ESE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported W Not Reported Not Reported 13.5 12/18/1991	AQUIFLOW	50357

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
94903	16	2	12.50

Federal EPA Radon Zone for MARIN County: 3

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

Federal Area Radon Information for Zip Code: 94903

Number of sites tested: 10

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.930 pCi/L	80%	20%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

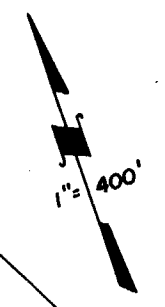
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Appendix F:

Miscellaneous Information

Tax Area Code
 8-035 8-007
 8-036 8-032

175-06

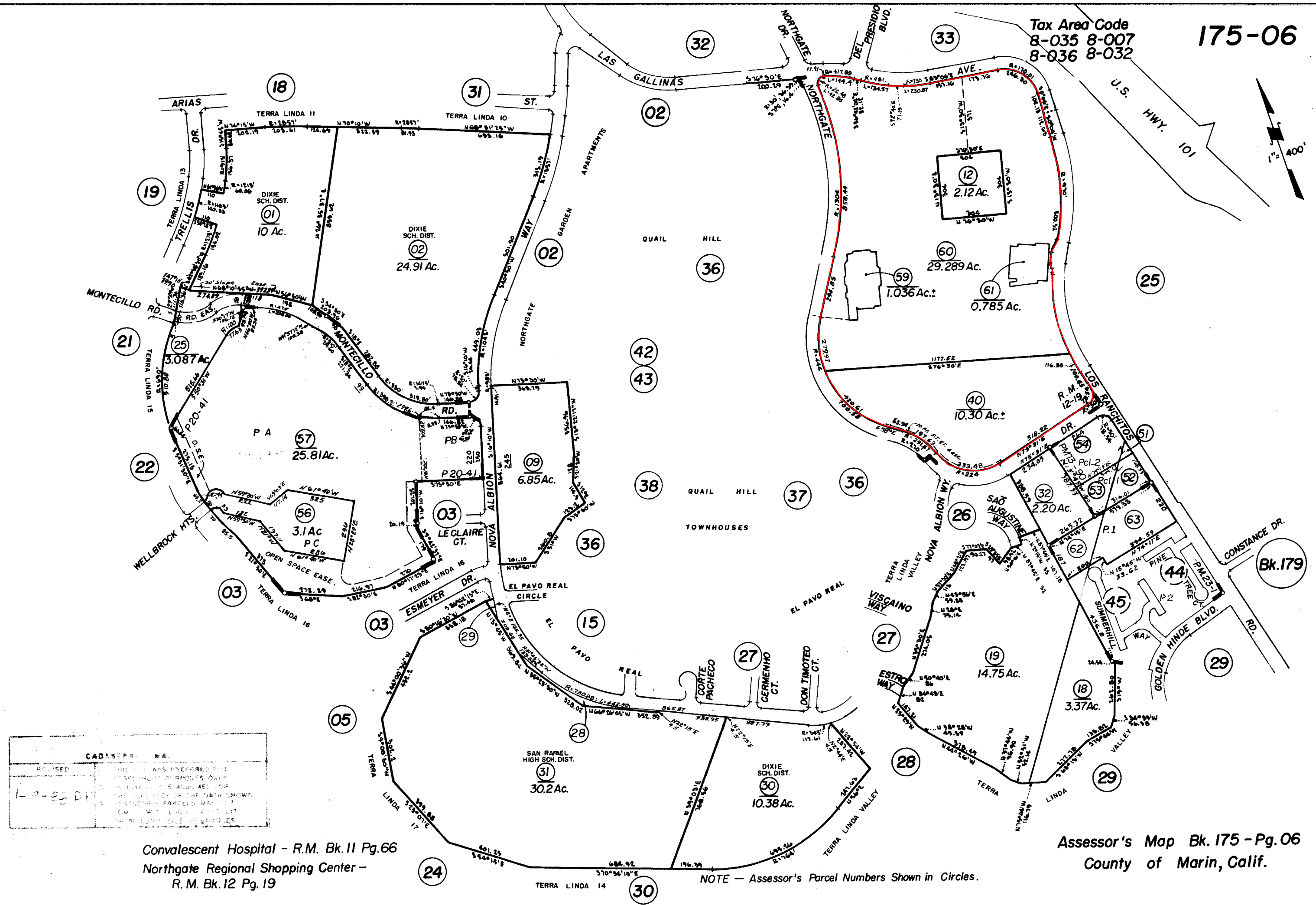


CADASTRAL MAP
 APPROVED
 1-10-85 DP
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 ACCURACY.

Convalescent Hospital - R.M. Bk. II Pg.66
 Northgate Regional Shopping Center -
 R. M. Bk. 12 Pg. 19

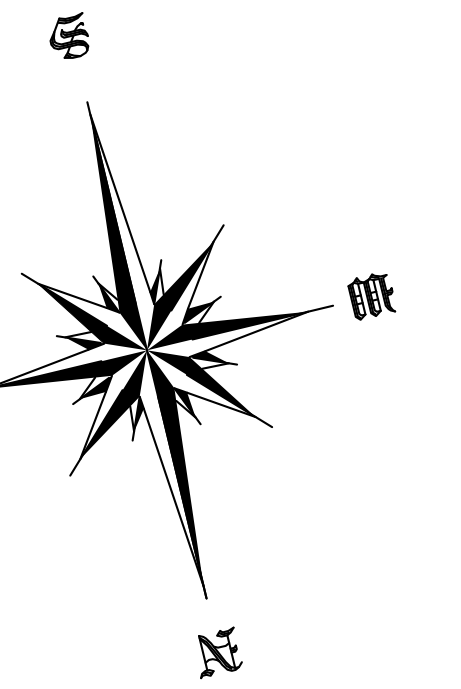
Assessor's Map Bk. 175 - Pg. 06
 County of Marin, Calif.

NOTE - Assessor's Parcel Numbers Shown in Circles.



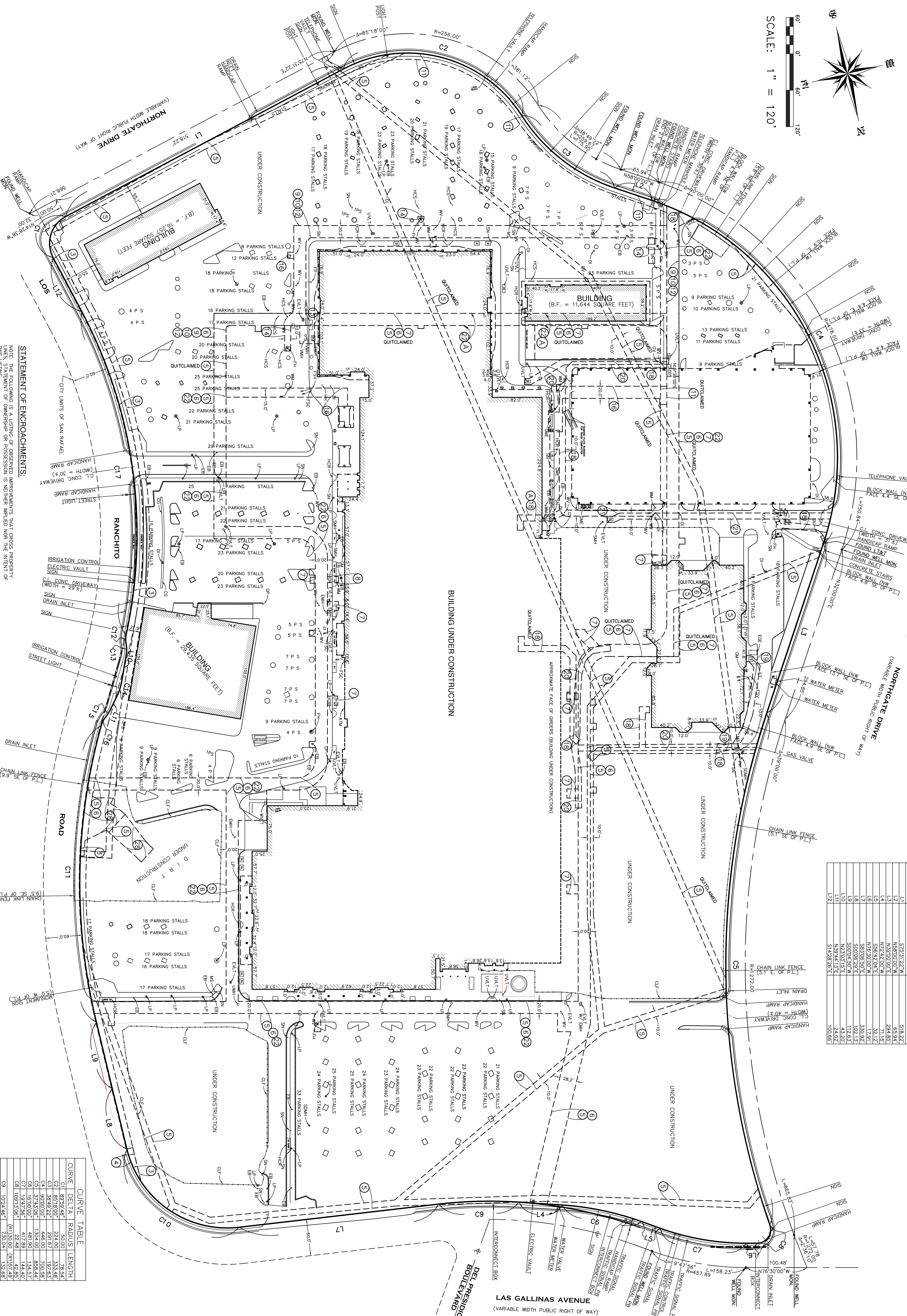
ALTA/ACSM LAND TITLE SURVEY

5000 NORTHGATE MALL, THE MALL AT NORTHGATE,
SAN RAFAEL, CALIFORNIA



SCALE: 1" = 120'

LINE	BEARING	LENGTH
L1	S75°31'27"W	518.22'
L2	N86°00'00"W	65.94'
L3	N32°00'00"E	284.85'
L4	N72°42'00"W	71.15'
L5	N22°30'00"W	17.91'
L6	N83°00'00"E	330.92'
L7	S00°00'29"E	102.13'
L8	S00°04'50"W	112.63'
L9	S00°00'00"W	112.63'
L10	N38°44'13"E	24.02'
L11	N38°44'13"E	24.02'
L12	S12°28'26"E	100.65'



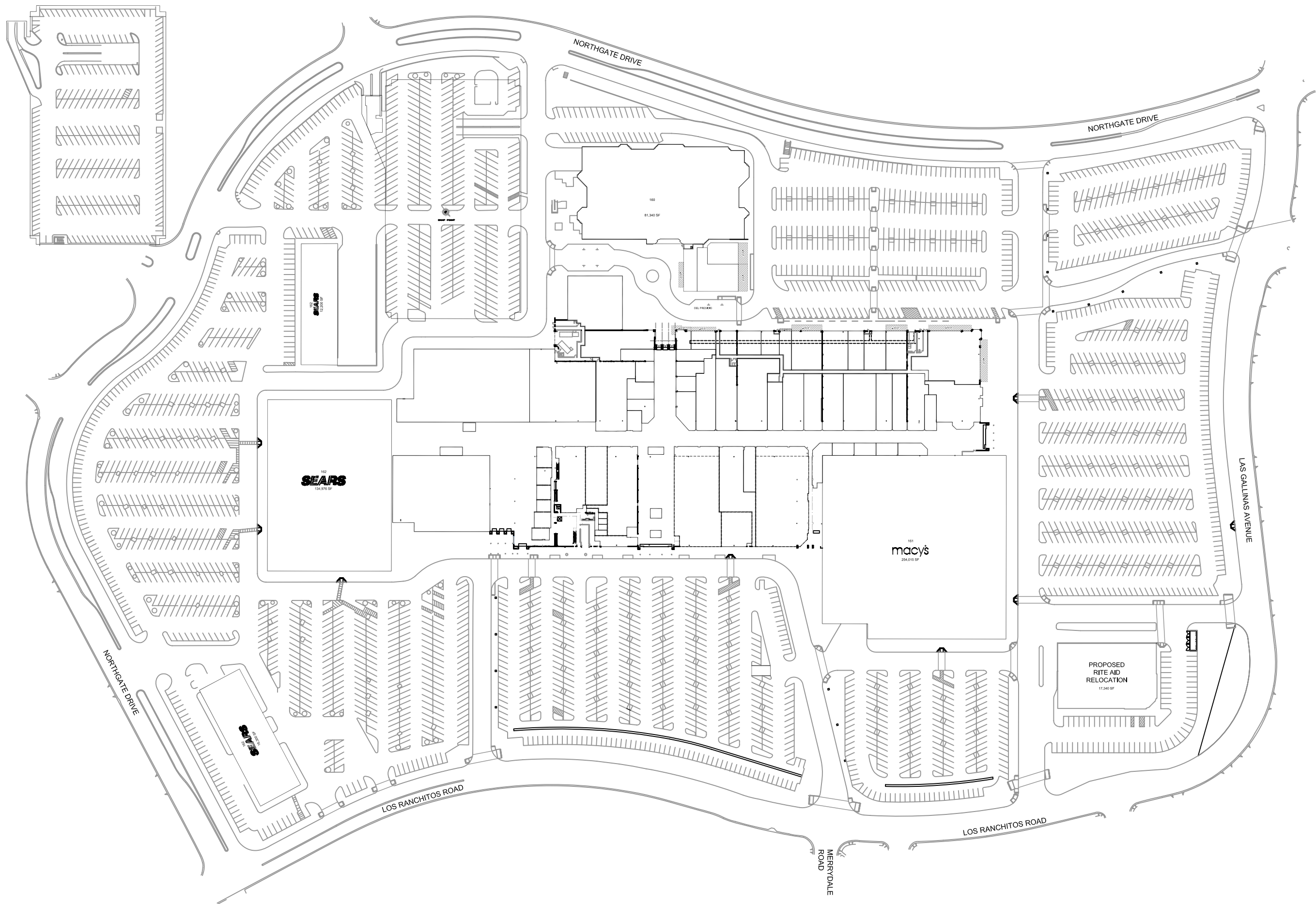
STATEMENT OF ENCROACHMENTS:
NOTE: THE FOLLOWING IS A LISTING OF OBSERVED ENCROACHMENTS THAT CROSS PROPERTY LINES. STATEMENT OF OWNERSHIP OR POSSESSION IS NEITHER IMPLIED NOR THE INTENT OF THIS STATEMENT.

- (A) BUILDING LIES OVER SCHEDULE "B" ITEM 18 AND 22.
- (B) CHAIN LINK FENCE LIES BETWEEN 9.5' TO 9.9' SOUTHWESTERNLY OF P.L.

CURVE TABLE

CURVE	DELTA	RADIUS	LENGTH
C1	88°58'48"	250.00'	78.94'
C2	58°18'22"	231.67'	137.63'
C3	58°18'22"	231.67'	137.63'
C4	90°00'00"	446.00'	700.98'
C5	37°43'00"	1304.00'	898.44'
C6	18°00'00"	481.90'	134.97'
C7	18°00'00"	481.90'	134.97'
C8	108°13'00"	22.48'	42.45'
C9	102°24'48"	730.04'	132.68'
C10	83°00'21"	710.01'	246.93'
C11	125°33'10"	979.00'	(R1)142.62'
C12	24°34'58"	32.00'	13.73'
C13	21°45'26"	148.00'	18.83'
C14	16°40'58"	100.00'	29.12'
C15	16°40'58"	100.00'	29.12'
C16	23°27'17"	42.00'	17.19'
C17	40°20'00"	780.00'	549.08'

SHEET 2 OF 2	SCALE: 1" = 60' DATE: 07/31/09	ALTA/ACSM LAND TITLE SURVEY	JRN CIVIL ENGINEERS	REVISIONS
FILE NO. 10310	DRAWN BY: JFC/IZ CHKD. BY: JLM	ADDRESS: 5000 NORTHGATE MALL, THE MALL AT NORTHGATE, SAN RAFAEL, CALIFORNIA CLIENT: MACERICH	232 AVENIDA FABRICANTE, STE. 107 SAN CLEMENTE, CA 92672 (949) 248-4685 FAX (949) 248-4687	



Mall Address:
THE MALL AT NORTHGATE
5800 Northgate Drive
San Rafael, CA 94903
 Phone: (415) 479-5956
 Fax: (415) 479-3608

For Leasing
 Information Contact:
Kim Choukalas
Peggy Walser
 Restaurant
Greg Cochran
 MACERICH
 11411 N. Tatum Blvd.
 Phoenix, AZ 85028
 Phone: (602) 953-6200
 Fax: (602) 953-1964
 or
Erin Byrne
 MACERICH
 2150 Northgate Mall
 San Rafael, CA 94903
 Phone: (415) 507-9754
 Fax: (415) 507-9759

Note:
 This is a schematic plan only
 intended to show the general
 layout of the shopping center or
 part thereof.

LAST UPDATED: 01.23.09
 BY: MH



visit our web site at
www.macerich.com

DEVELOPMENT
 SITE PLAN



NOTE: SITE PLAN WAS UPDATED FROM CIVIL DRAWINGS ISSUED 07.29.08

VIA CERTIFIED MAIL
P 995 749 312

"We Make Good
Things Happen"

November 25, 1992

Vice President
SEARS, ROEBUCK AND CO.
2650 E. Olympic Blvd.
Los Angeles, CA 90054

Re: Sears
NORTHGATE MALL
San Rafael, California

Dear Sir/Madam:

It has come to our attention that Sears was the owner of two underground gasoline storage tanks and one underground waste oil tank on your premises and that those tanks had the potential for leaking toxic substances into the environment. It is our understanding that all of those tanks have been removed by Sears.

We hereby request that you provide the following information to the undersigned as soon as possible:


- 1) Results of all soil and groundwater tests already complete, if any.
- 2) What is the current status of the tanks? (It is our understanding that Sears removed two 12,000 gallon gasoline storage tanks and a waste oil tank). Please confirm that all tanks have been removed.

Since Sears has the responsibility to assure compliance with applicable environmental laws with regard to these tanks, including any removal or cleanup required, and since there is significant potential liability resulting from environmental damage, your response to the above referenced questions is requested as soon as possible.

Your cooperation is appreciated. If you have any questions, please feel free to contact me.

Sincerely,

THE MACERICH COMPANY


Robert D. Aptaker
Environmental Manager
Assistant Vice President

RDA/mo

cc: Patrick Prinster
Henry Lichtman

Sears, Roebuck and Co.
925 S. Homan Ave.
Chicago, ILL 60607

The MaceRich Company

P.O. BOX 3879, VENTURA, CA 93006, (805) 650-0589



H.E. Schmalz
Director of Environmental Matters
Dept. 824C A 72A
Sears Merchandise Group
3333 Beverly Road
Hoffman Estates, Illinois 60179
708-286-8071

RECEIVED
VENTURA
AUG 23 1993

August 19, 1993

Mr. Robert D. Aptaker
Environmental Manager
The MaceRich Company
P.O. Box 3879
Ventura, CA 93006

*** VIA FAX ***

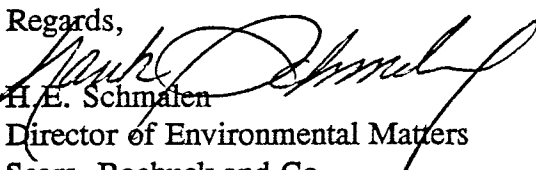
subj: Sears #1528 San Rafael, CA - UST Removal

Dear Bob,

In as much as Sears is currently in negotiation with MaceRich on several projects in California (i.e. Oxnard and Reno) and in that same spirit of cooperation, the following information about the Underground Storage Tanks that were removed in 1986 at our store in San Rafael is attached. You will note that the "Clearance" report from the Department of Health and Human Services (March 2, 1987) shows the samples at the site at a safe level or free from any residual product formerly stored. I know that this comes as good news and should help expedite your endeavors.

If I can answer any further questions Bob, don't hesitate to call.

Regards,


H.E. Schmalz
Director of Environmental Matters
Sears, Roebuck and Co.

att (3)

cc: Szymczak
Krantz

DEPARTMENT OF HEALTH AND HUMAN SERVICES

R-8519 #157

Environmental Health Services

COUNTY OF MARIN

Hall of Justice • Civic Center • San Rafael, CA 94903

(415) 499-6907

DATE: March 2, 1987

TO:

Attn: Donald Woods
Sears & Roebuck Company

Merchandise Group-Western Law Office

900 South Fremont Ave.

Alhambra, CA 91802

RE: San Rafael Store

900 Northgate Mall

San Rafael, CA 94903

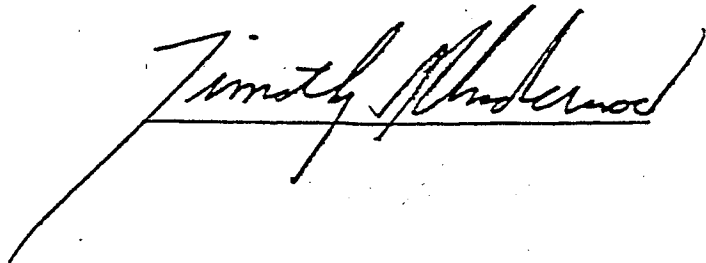
CLEARANCE

Analysis of samples of the soil or ground water at the above site indicated a safe level or absence of any residual of the product formerly stored in underground storage tanks at this location.

Thank you for your cooperation.

Very truly yours,

EDWARD J. STEWART, CHIEF
ENVIRONMENTAL HEALTH SERVICES



DEPARTMENT OF HEALTH AND HUMAN SERVICES
Environmental Health Services
COUNTY OF MARIN
Hall of Justice • Civic Center • San Rafael, CA 94903
(415) 499-6907

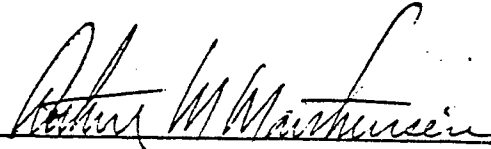
PERMIT TO REMOVE UNDERGROUND STORAGE TANK

TO <u>Sears, Roebuck and Company</u> <u>Attn: Donald Woods</u> <u>Merchandise Group-Western Law Office</u> <u>900 South Fremont Ave.</u> <u>Alhambra, CA 91802</u>	NAME OF FACILITY <u>San Rafael Store</u> ADDRESS <u>9000 Northgate Mall</u> <u>San Rafael, CA 94903</u>
NO. OF TANKS TO BE REMOVED <u>3</u>	

TANK ID#(S) 2929001,002, 003

PURSUANT TO THE CALIFORNIA ADMINISTRATIVE REGULATIONS, PERMISSION IS GRANTED TO REMOVE UNDERGROUND STORAGE TANKS AT THE ABOVE LOCATION WITH THE FOLLOWING CONDITIONS:

1. ALL STORED MATERIAL TO BE REMOVED.
2. TANK PURGED OF FLAMMABLE VAPORS.
3. PROPER DISPOSAL OF THE TANK.

SIGNED 

DATE August 5, 1986

cc: K. Schoenthal, San Rafael Fire Dept.
K.E. Curtis Construction Co.



COUNTY OF MARIN
HALL OF JUSTICE
CIVIC CENTER
ROOM 285
SAN RAFAEL, CALIFORNIA 94903
(415)499-6907

RECEIVED

#265.021

AUG 5 1986

#464035
86

ENVIRONMENTAL HEALTH SERVICES

APPLICATION TO REMOVE
UNDERGROUND HAZARDOUS MATERIAL STORAGE TANK ENVIRONMENTAL HEALTH

1. Facility Information

Name of Facility SEARS		Type of Business AUTOMOTIVE & RETAIL SALES	
Street Address 9000 NORTHGATE MALL	City SAN RAFAEL	Zip Code 94903	Telephone 472-3670
Contract Period MID AUGUST 1986		Position with Company ANALYTICAL CHEMIST	Telephone (805) 498-6771
Owners Name (Corporation, Agency, or Individual) SEARS & ROEBUCK COMPANY			
Street Address (if Different than Above) 900 S. FREMONT AVE.		City ALHAMBRA	Zip Code 91802
		Telephone (818)576-4225	

2. Contractor Removing Tank

Company Name K.E. CURTIS CONSTRUCTION COMP.	Street Address 1400 OLD CONEJO RD	City NEWBURY PARK	Telephone (805) 499-0428
<i>CA. 92660</i>			

3. Soil Analysis Laboratory

Company Name COMBUSTION ENGINEERING EMST	Street Address 2421 W. HILLCREST DR	City NEWBURY PARK	Telephone (805) 498-6771
<i>CA.</i>			

4. Hazardous Waste Hauler (if appropriate)

Company Name IT CORP.	Street Address 4585 PACHECO	City MARTENIZ	Telephone (415) 372-9110
---------------------------------	---------------------------------------	-------------------------	------------------------------------

5. Tank Identification & Construction

Tank ID # 2929002	UL # - NA -	Year Tank Installed 1972	Volume of Tank (Gallon) 2-500, 1-1000	Cathodic Protection <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, Type _____
Primary Construction <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fiberglass <input type="checkbox"/> Fiberglass/Coated Steel <input type="checkbox"/> Other: SINGLE WALL				

6. Chemical Composition of Materials Currently or Previously Stored in Tank

currently stored	previously stored	CAS # (if known)	Chemical Do Not Use Commercial Name (Use additional paper for more room)
<input type="checkbox"/> 01	<input checked="" type="checkbox"/> 02		WASTE OIL BULK WASTE OIL
<input type="checkbox"/> 01	<input checked="" type="checkbox"/> 02		WASTE OIL BULK WASTE OIL
<input type="checkbox"/> 01	<input checked="" type="checkbox"/> 02		WASTE OIL

7. Piping

A. Aboveground Piping: 01 Double-walled pipe 02 Concrete-lined trench 03 Gravity 04 Pressure 05 Suction
 [(Check) appropriate box(es)] 06 Unknown 07 None

B. Underground Piping: 01 Double-walled pipe 02 Concrete-lined trench 03 Gravity 04 Pressure 05 Suction
 [(Check) appropriate box(es)] 06 Unknown 07 None

8. Disposition of Tank(s)

Proposed Disposition of Tank(s) IT WILL REMOVE, RINSE & TANK SCRAPPED	Reason for Removal NO LONGER IN THAT SALES BUSINESS
---	---

9. Applicant Information

Name of Applicant MARK GIGAS	Signature of Applicant <i>Mark Gigas</i>	Date 8/4/86
--	---	-----------------------



H.E. Schmalen
Director of Environmental Matters
Dept. 824C 72A
Sears Merchand. Group
3333 Beverly Road
Hoffman Estates, Illinois 60179
708-286-8071

September 13, 1993

Mr. Robert D. Aptaker
Environmental Manager
The MaceRich Company
P.O. Box 3879
Ventura, CA 93006

RECEIVED
VENTURA

SEP 13 1993

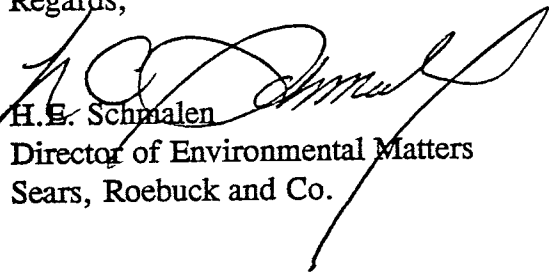
subj: Sears Park Lane Mall, Reno NV
re: Your letter of September 10, 1993
Our phone conversation this date

Dear Bob,

As I indicated in our phone conversation this afternoon, the attached invoices are the only "records" that we have of the tank pulls at this site. As you know, back in 1986 was not atypical for our individual regions at that time to take care of these UST's and complete records are usually not available here.

I hope that this helps with your lenders. If I can be of any further assistance Bob, don't hesitate to call.

Regards,


H.E. Schmalen
Director of Environmental Matters
Sears, Roebuck and Co.

att (2)
cc: Szymczak
Krantz



1375 EAST SECOND STREET, LAS VEGAS, NV. NO. NEVADA 89502-1196 TELEPHONE (702) 322-4000

"SINCE 1946"
PETROLEUM MARKETING EQUIPMENT
SALES AND SERVICE
GENERAL CONTRACTORS
INDUSTRIAL EQUIPMENT AND TOOLS

PEI
11756
SHIPPING No. 25731

SOLD TO SERRS ROERBUCK & Co
200 E. PLUMB ROAD
RENO, NV. 89502
ATTN: NEIL DRESBACH

SHIPPED TO Washburn
350 GLENDALE AVE
SPARKS, NV. 89431

DATE OF ORDER	DATE OF INVOICE	CUSTOMER ORDER NO.	REQUISITION NO.	RESALE	SALESMAN	SHIP VIA	ORDERED	SHIPPED	B.O.	DESCRIPTION	LIST	NET	AMOUNT
5-14-86	11-25-86	CONTRACT-		<input type="checkbox"/>	KIM	Deliver				Change Order #1			
										Removal of 8000 gal gasoline tank at above site as per agreement			4950

NO DISCOUNT. ALL ACCOUNTS ARE DUE AND PAYABLE BY THE 10th OF THE MONTH FOLLOWING DATE OF INVOICE. FINANCE CHARGE OF 1 3/4% per month which is an ANNUAL PERCENTAGE RATE OF 21% after 30 days.

PLEASE PAY FROM INVOICE STATEMENT SENT ONLY ON REQUEST

SUB TOTAL	
SALES TAX	
TOTAL	4950

1375 EAST SECOND ST. LAS VEGAS, NEVADA 89502-1196 * TELEPHONE (702) 322-4000



"SINCE 1946"
PETROLEUM MARKETING EQUIPMENT
SALES AND SERVICE
GENERAL CONTRACTORS
INDUSTRIAL EQUIPMENT AND TOOLS

SHIPPING No. 25498

SOLD TO SEARS, ROEBUCK & CO.
200 EAST PLUMAS AVE
HELEN, NV. 89502

SHIPPED TO ST. # 2098
HELEN, NV.

ATTN: E. NEIL DRESBACH

DATE OF ORDER	DATE OF INVOICE	CUSTOMER ORDER NO	REQUISITION NO	RESALE	SALESMAN	SHIP TO	LIST	NET	AMOUNT
5-14-84	8-11-84	CONTRACT		<input type="checkbox"/>	J.W.T.	DELIVER			
ORDERED	SHIPPED	B.O.	DESCRIPTION						
			REMOVAL OF UNDERGROUND OIL						
			STORAGE TANKS AS PER CONTRACT.						
			AS PER CONTRACT						7750 ⁰⁰
			90% OF 7750 ⁰⁰						6975 ⁰⁰
			10% OF 7750 ⁰⁰						775 ⁰⁰
									7750 ⁰⁰

NO DISCOUNT. ALL ACCOUNTS ARE DUE AND PAYABLE BY THE 10th OF THE MONTH FOLLOWING DATE OF INVOICE.
FINANCE CHARGE OF 1 3/4% PER MONTH WHICH IS AN ANNUAL PERCENTAGE RATE OF 21% AFTER 30 DAYS.

SUB TOTAL

SALES TAX

TOTAL

INCLUDED

7750⁰⁰

PLEASE PAY FROM INVOICE STATEMENT SENT ONLY ON REQUEST

768

888



October 15, 2002

Captain Bradley R. Mark, Deputy Fire Marshal
City of San Rafael Fire Department
1039 C Street
San Rafael, California 94901

**Subject: Sears, Roebuck and Co. Automotive Center No. 1528
9000 Northgate Mall
San Rafael, California**

Dear Captain Mark:

On behalf of Sears, Roebuck and Co. (Sears), URS Corporation (URS) is responding to comments made regarding the subject site in correspondence from the San Rafael Fire Department (SRFD) dated November 16, 1999. The letter requested that Sears submit specific historical site documents so that the review for site closure could be completed by the SRFD. Copies of the following documents are attached for your files (the SRFD document request is in bold type, the URS comment follows in italics):

- **Documentation of the 1987 removal of one 1,000-gallon waste oil UST and two 530-gallon bulk oil USTs**

A copy of the document is presented in Attachment 1. (Note: the two smaller bulk oil USTs were 500-gallons capacity rather than 530-gallon capacity.)

- **Laboratory analytical reports for UST closure samples collected in 1987 (laboratory unknown)**

A copy of the laboratory analytical report was not found. However, a copy of the Clearance document from the Department of Health and Human Services, Environmental Health Services, County of Marin, dated March 2, 1987, is presented in Attachment 2.

- **Manifests and/or facility weight tags for the transportation of 34 cubic yards of soil by Southwest Soil Remediation, Inc. to Remat thermal processing facility in Buckeye, Arizona in 1995.**

A copy of the Waste Manifest document, dated August 1995, is presented in Attachment 3.

As per our telephone discussion on August 14, 2002, Sears has checked their files for the remaining two historical site documents requested in the SRFD letter (laboratory analytical reports dated March 7, 1985 and March 25, 1985) and have not located them. To date, Sears has researched its files and has found what it could to respond to all requests made by the SRFD for additional historical information regarding the 1985 and 1987 removal activities conducted at the subject site. It must be understood that there was no requirement for Sears to retain historical documents for these removal activities since Sears had received site closure for these activities from the County of Marin.

The November 16, 1999 SRFD letter also requested that Sears provide a sensitive receptor report for the subject site as an additional requirement for site closure. A copy of the EDR – Offsite Receptor Report for the subject site, dated November 12, 1999, is provided in Attachment 4

URS Corporation
500 12th Street, Suite 200
Oakland, CA 94607-4014
Tel: 510 893 3600
Fax: 510 874 3268



Captain Mark
October 15, 2002
Page 2

Please note that in the first paragraph of the November 16, 1999 SRFD letter it states that "... remediation activities associated with the removal of eight underground storage tanks (USTs)..." For the record, there were a total of five (5) underground storage tanks located at the subject site: two (2) gasoline tanks, one (1) waste oil tank, and two (2) bulk motor oil tanks.

Please provide a copy of the Deed Notification Form so that Sears can complete and return them. It is understood that this form must be completed prior to obtaining site closure.

As requested by the SRFD, a Work Plan is presently being written which will address the requirement of additional soil and groundwater sampling and analysis for Methyl tertiary butyl ether (MTBE) at the subject site. Please note that URS is the new consultant of record for Sears regarding this site. If you have any questions, please do not hesitate to contact me at 510-874-3101.

Sincerely,
URS CORPORATION

David A. Bero, P.G., R.G.
Senior Geologist

cc: Scott DeMuth, Manager, Environmental Technical Services, Sears, Roebuck and Co.
URS Corporation Project Files

Attachments:

1. Application to Remove Underground Hazardous Material Storage Tank
2. Clearance document, Department of Health and Human Services, Environmental Health Services, County of Marin, dated March 2, 1987
3. Waste Manifest dated August 1995
4. EDR – Offsite Receptor Report dated November 1999.

ATTACHMENT 1
Application to Remove Underground Hazardous Material Storage Tank



ENVIRONMENTAL HEALTH SERVICES

COUNTY OF MARIN
HALL OF JUSTICE
CIVIC CENTER
ROOM 285
SAN RAFAEL, CALIFORNIA 94903
(415) 499-6907

RECEIVED

AUG 5 1986

#464035
JE

APPLICATION TO REMOVE
UNDERGROUND HAZARDOUS MATERIAL STORAGE TANK

1. Facility Information

Name of Facility SEARS		Type of Business AUTOMOTIVE & RETAIL SALES	
Street Address 9000 NORTHGATE MALL	City SAN RAFAEL	Zip Code 94903	Telephone 472-3670
Contract Period MID AUGUST 1986		Position with Company ANALYTICAL CHEMIST	Telephone (805) 498-6771
Owners Name (Corporation, Agency, or Individual) SEARS & ROEBUCK COMPANY			
Street Address (If Different than Above) 900 S. FREMONT AVE.		City ALHAMBRA	Zip Code 91802
		Telephone (818) 576-4225	

2. Contractor Removing Tank

Company Name K.E. CURTIS CONSTRUCTION COMP.	Street Address 1400 Old Conejo Rd	City Newbury Park	Telephone (805) 499-0428
<i>CA. 91320</i>			

3. Soil Analysis Laboratory

Company Name COMBUSTION ENGINEERING EMST	Street Address 2421 W. Hillcrest Dr	City Newbury Park	Telephone (805) 498-6771
<i>CA.</i>			

4. Hazardous Waste Hauler (if appropriate)

Company Name IT CORP.	Street Address 4585 Pacheco	City MARTINEZ	Telephone (415) 372-9110
---------------------------------	---------------------------------------	-------------------------	------------------------------------

5. Tank Identification & Construction

Tank ID 2929002	UL # - NA -	Year Tank Installed 1972	Volume of Tank (Gallon) 2-500, 1-1000	Cathodic Protection <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, Type _____
Primary Containment <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fiberglass <input type="checkbox"/> Fiberglass/Coated Steel <input type="checkbox"/> Other: SINGLE WALL				

5. Chemical Composition of Materials Currently or Previously Stored in Tank

currently stored	previously stored	CAS # (if known)	Chemical Do Not Use Commercial Name (Use additional paper for more room)
<input type="checkbox"/> 01	<input checked="" type="checkbox"/> 02		BULK WASTE OIL
<input type="checkbox"/> 01	<input checked="" type="checkbox"/> 02		BULK WASTE OIL
<input type="checkbox"/> 01	<input checked="" type="checkbox"/> 02		WASTE OIL

7. Piping

A. Aboveground Piping: 01 Double-walled pipe 02 Concrete-lined trench 03 Gravity 04 Pressure 05 Suction
 ((Check) appropriate box(es)) 06 Unknown 07 None

B. Underground Piping: 01 Double-walled pipe 02 Concrete-lined trench 03 Gravity 04 Pressure 05 Suction
 ((Check) appropriate box(es)) 06 Unknown 07 None

8. Disposition of Tank(s)

Proposed Disposition of Tank(s) IT WILL REMOVE, RINSE & TANK SCRAPED	Reason for Removal NO LONGER IN THAT SALES BUSINESS
--	---

9. Applicant Information

Name of Applicant MARK GIGAS	Signature of Applicant <i>Mark Gigas</i>	Date 01/1/01
--	---	------------------------

ATTACHMENT 2
Clearance document, Department of Health and Human Services, Environmental
Health Services, County of Marin, dated March 2, 1987

DEPARTMENT OF HEALTH AND HUMAN SERVICES

R-8512 = 12

Environmental Health Services

COUNTY OF MARIN

Hall of Justice • Civic Center • San Rafael, CA 94903

(415) 499-6907

DATE: March 2, 1987

TO:

Attn: Donald Woods
Sears & Roebuck Company

Merchandise Group-Western Law Office

900 South Fremont Ave.

Alhambra, CA 91802

RE: San Rafael Store

900 Northgate Mall

San Rafael, CA 94903

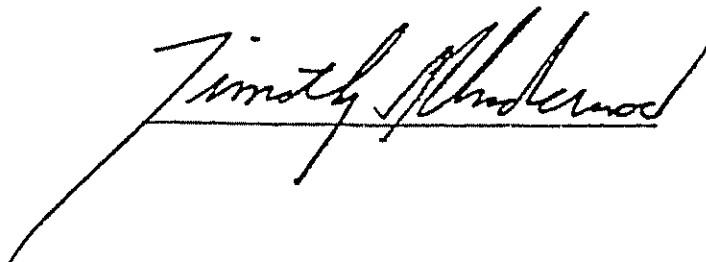
CLEARANCE

Analysis of samples of the soil or ground water at the above site indicated a safe level or absence of any residual of the product formerly stored in underground storage tanks at this location.

Thank you for your cooperation.

Very truly yours,

EDWARD J. STEWART, CHIEF
ENVIRONMENTAL HEALTH SERVICES



ATTACHMENT 3
Laboratory analytical reports for UST closure samples collected in 1987

WASTE MANIFEST		Manifest Document No. 0 0 0 0 2	Page of 1
3. Generator's Name and Mailing Address SEARS AUTO CENTER #1528 8000 Northgate Mall San Rafael, CA			
4. Generator's Phone (415) 507-2399			
6. Transporter 1 Company Name Allwaste Transportation & Remediation	9. US EPA ID Number C A D 0 6 3 5 4 7 9 0 6		
7. Transporter 2 Company Name	8. US EPA ID Number		
8. Designated Facility Name and Site Address R2-MRI 830 North Miller Buckeye, AZ	10. US EPA ID Number	A. Transporter's Phone 800-321-1030	
		B. Transporter's Phone	
		C. Facility's Phone 520-571-7174	
11. Waste Shipping Name and Description Non-Hazardous Soil		12. Containers	13. Total Quantity
		No.	Type
		0	0
		0	0
		0	0
D. Additional Descriptions for Materials Listed Above		E. Handling Codes for Wastes Listed Above	
15. Special handling instructions and additional information: Use proper P.P.E. and eyewear. 24-Hour Emergency Contact: Steven Soarez - 500/321-1030			
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to special regulations for handling, proper disposal of Hazardous Waste.			
Printed/Typed Name BRAD AMST		Signature <i>Brad Amst</i>	Month Day Year 10 25 95
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name Ruben Macana		Signature <i>Ruben Macana</i>	Month Day Year 10 25 95
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name		Signature	Month Day Year
19. Discrepancy Indication: Space			
20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in item 19.			
Printed/Typed Name		Signature <i>Michael...</i>	Month Day Year 10 25 95

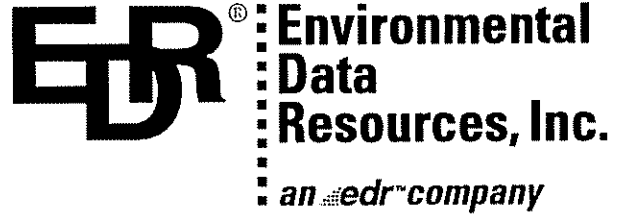
GENERATOR'S FACILITY

TRANSPORTER #1

TEL: 520-521-7230

SOUTHWEST SOIL

ATTACHMENT 4
EDR – Offsite Receptor Report dated November 1999



EDR - Offsite Receptor Report

Sears Auto Center
9000 Northgate Drive
San Rafael, CA 94903

Inquiry Number: 432527.1s

November 12, 1999

The Source
For Environmental
Risk Management
Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

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

TABLE OF CONTENTS

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Census Map	3
Census Findings	4
Receptor Map	5
Map Findings	6
Records Searched/Data Currency Tracking Addendum	9

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

Disclaimer and Other Information

This Report contains information obtained from a variety of public and other sources and Environmental Data Resources, Inc. (EDR) makes no representation or warranty regarding the accuracy, reliability, quality, suitability, or completeness of said information or the information contained in this report. The customer shall assume full responsibility for the use of this report.

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EXECUTIVE SUMMARY

A search of available records was conducted by Environmental Data Resources, Inc (EDR) The EDR Offsite Receptor Report provides information which may be used to comply with the Clean Air Act Risk Management Program 112-R "The rule requires that you estimate in the RMP residential populations within the circle defined by the endpoint for your worst-case and alternative release scenarios (i.e. the center of the circle is the point of release and the radius is the distance to the endpoint). In addition, you must report in the RMP whether certain types of public receptors and environmental receptors are within the circles."

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

SEARS AUTO CENTER
9000 NORTHGATE DRIVE
SAN RAFAEL, CA 94903

Distance Searched: 1.000 miles from subject property

RECEPTOR SUMMARY

An X indicates the presence of the receptor within the search radius.

Residential Population

Estimated population within search radius: 6777 persons.

Other Public Receptors

Type	Within Search Radius	Sites Total
Day Care Centers:	<input checked="" type="checkbox"/>	6
Medical Centers:	<input type="checkbox"/>	
Nursing Homes:	<input checked="" type="checkbox"/>	4
Schools:	<input checked="" type="checkbox"/>	10
Hospitals:	<input type="checkbox"/>	
Arena:	<input type="checkbox"/>	
Prison:	<input type="checkbox"/>	

Environmental Receptors

Type	Within Search Radius	Sites Total
Federal Land:	<input type="checkbox"/>	

CENSUS MAP - 432527.1s



- ★ Target Property
- ∩ Roads
- ∩ Waterways
- ∩ Census Tracts

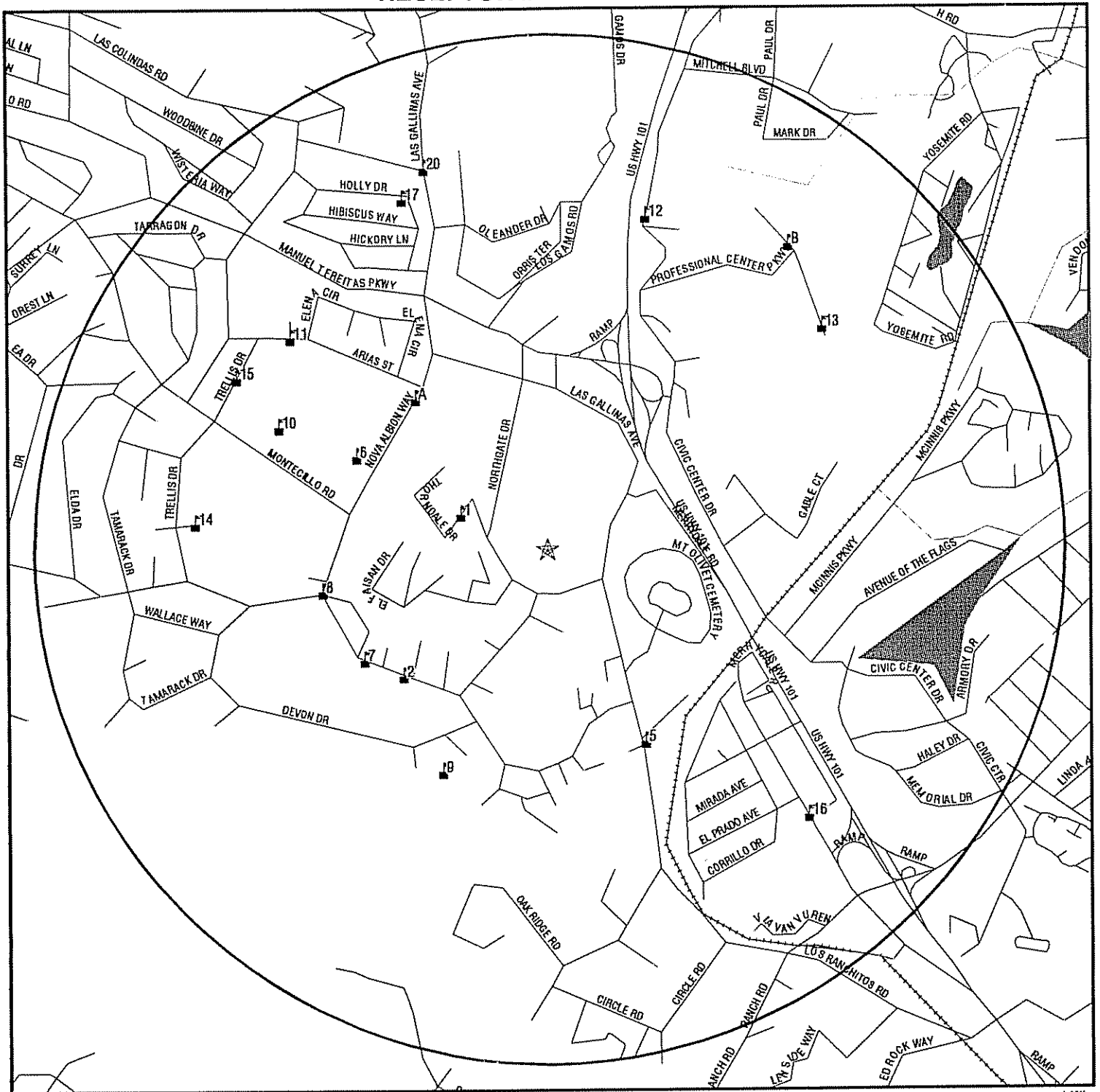


<p>TARGET PROPERTY: Sears Auto Center ADDRESS: 9000 Northgate Drive CITY/STATE/ZIP: San Rafael CA 94903 LAT/LONG: 38.0040 / 122.5437</p>	<p>CUSTOMER: IT Corporation CONTACT: David Bero INQUIRY #: 432527.1s DATE: November 12, 1999 4:54 pm</p>
---	---

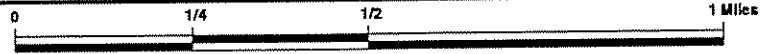
CENSUS FINDINGS

<u>Map ID</u>	<u>Tract Number</u>	<u>Total Population</u>	<u>Population in Radius</u>	<u>Total Area(sq mi.)</u>	<u>Area in Radius(sq mi.)</u>
T1	1060.01	2598	75.3	17.09	0.50
T2	1150.00	6817	16.2	4.30	0.01
T3	1081.00	6566	1265.1	2.33	0.45
T4	1060.02	4773	192.3	9.61	0.39
T5	1082.00	5606	5034.2	1.93	1.74
T6	1090.00	7358	193.8	1.79	0.05

RECEPTOR MAP - 432527.1s



- ★ Target Property
- Roads
- Waterways
- Environmental or Public Receptor
- Federal Lands Linear Features
- Federal Lands Area



TARGET PROPERTY:	Sears Auto Center	CUSTOMER:	IT Corporation
ADDRESS:	9000 Northgate Drive	CONTACT:	David Bero
CITY/STATE/ZIP:	San Rafael CA 94903	INQUIRY #:	432527.1s
LAT/LONG:	38.0040 / 122.5437	DATE:	November 12, 1999 4:56 pm

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	EDR ID Database
1 WNW 1/8-1/4 mi 972 Higher	Name: Villa Marin Health cAre ID: 15298 Site Type: Nursing home	NUR1004726 NURHOM
2 SW 1/4-1/2 mi 1971 Higher	Name: TERRA LINDA NURSERY SCHOOL ID: 210106082 Site Type: Daycare ctr	DAY1036110 DAYCARE
A3 NW 1/4-1/2 mi 2071 Higher	Name: CITY OF SAN RAFAEL/VALLECITO SCHOOL AGE ID: 210110892 Site Type: Daycare ctr	DAY1036086 DAYCARE
A4 NW 1/4-1/2 mi 2077 Higher	Name: VALLECITO ELEMENTARY NCES ID: 061122008822 Address: 50 NOVA ALBION WAY SAN RAFAEL, CA 94903 School ID: 7791 Telephone: 415-479-2032 Local Code: Urban Fringe of Large City School Type: Regular Elementary and Secondary Schools School Level: Primary County: MARIN Lowest Grade: Kindergarten Highest Grade:05	061122008822 CCD
5 SSE 1/4-1/2 mi 2196 Higher	Name: Hartzell School ID: 224985 Site Type: school Latitude: 37.99900 Longitude: -122.50000	GNS0189412 GNIS_SCH
6 WNW 1/4-1/2 mi 2199 Higher	Name: Vallecito School ID: 236960 Site Type: school Latitude: 38.00700 Longitude: -122.60000	GNS0237219 GNIS_SCH

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	EDR ID Database
7 WSW 1/4-1/2 mi 2204 Higher	Name: TERRA LINDA HIGH NCES ID: 063511005941 Address: 320 NOVA ALBION WAY SAN RAFAEL, CA 94903 School ID: 7835 Telephone: 415-485-2370 Local Code: Urban Fringe of Large City School Type: Regular Elementary and Secondary Schools School Level: High County: MARIN Lowest Grade: 09 Highest Grade: 12	063511005941 CCD
8 West 1/4-1/2 mi 2364 Higher	Name: Nazareth House ID: 15302 Site Type: Nursing home	NUR1004728 NURHOM
9 SSW 1/4-1/2 mi 2513 Higher	Name: Nova Albion School ID: 229799 Site Type: school Latitude: 37.99800 Longitude: -122.50000	GNS0211561 GNIS_SCH
10 WNW 1/2-1 mi 3052 Higher	Name: Don Timoteo School ID: 222491 Site Type: school Latitude: 38.00800 Longitude: -122.60000	GNS0178194 GNIS_SCH
11 NW 1/2-1 mi 3432 Higher	Name: ST ISABELLA SCHOOL ID: 1032 Site Type: Private sch.	PRV1005620 PRV_SCH
12 NNE 1/2-1 mi 3563 Higher	Name: MONTESSORI IN MOTION ID: 210111602 Site Type: Daycare ctr	DAY1036075 DAYCARE
13 NE 1/2-1 mi 3623 Higher	Name: TWIN OAKS CHILDREN'S CENTER-PRESCHOOL ID: 213000472 Site Type: Daycare ctr	DAY1036082 DAYCARE

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	EDR ID Database
14 West 1/2-1 mi 3637 Higher	Name: ROBIN'S NEST OF TERRA LINDA ID: 210108299 Site Type: Daycare ctr	DAY1036101 DAYCARE
15 WNW 1/2-1 mi 3663 Higher	Name: ST MARK S SCHOOL ID: 1033 Site Type: Private sch	PRV1005621 PRV_SCH
16 SE 1/2-1 mi 3807 Higher	Name: MERRY TIMES PRESCHOOL ACADEMY ID: 210111422 Site Type: Daycare ctr	DAY1036128 DAYCARE
17 NNW 1/2-1 mi 3897 Higher	Name: Hoffman School ID: 225386 Site Type: school Latitude: 38.01400 Longitude: -122.50000	GNS0191085 GNIS_SCH
B18 NE 1/2-1 mi 3983 Higher	Name: Pine Ridge Care Center ID: 15304 Site Type: Nursing home	NUR1004722 NURHOM
B19 NE 1/2-1 mi 3990 Higher	Name: Hillside Care Center ID: 15301 Site Type: Nursing home	NUR1004721 NURHOM
20 NNW 1/2-1 mi 4113 Higher	Name: JUVENILE HALL/COMMUNITY NCES ID: 069101809230 Address: 1111 LAS GALLINAS AVE SAN RAFAEL, CA 94903 School ID: 7852 Telephone: 415-491-0581 Local Code: Urban Fringe of Large City School Type: Other School Level: High County: MARIN Lowest Grade: 08 Highest Grade: 12	069101809230 CCD

RECORDS SEARCHED/DATA CURRENCY TRACKING

CENSUS

Source: U S Census Bureau

Telephone: 301-457-4100

1990 U S Census data was used to estimate residential population following these EPA guidelines:

"Census data are presented by Census tract. If your circle covers only a portion of the tract, you should develop an estimate for that portion. Determine the population density per square mile (total population of the Census tract divided by the number of square miles in the tract) and apply that density figure to the number of square miles within your circle."

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal lands data. Includes data from several Federal land management agencies, including Fish and Wildlife Service, Bureau of Land Management, National Park Service, and Forest Service. Includes National Parks, Forests, Monuments; Wildlife Sanctuaries, Preserves, Refuges; Federal Wilderness Areas

Date of government version: 09/09/97.

HCFA: Provider of Services Listing

Source: The Health Care Financing Administration

Telephone: 410/786-3000

A listing of hospitals with Medicare provider number, produced by The Health Care Financing Administration (HCFA), a federal agency within the U.S. Department of Health and Human Services.

HCFA runs the Medicare and Medicaid programs

Date of government version: 06/01/98.

CCD: Common Core of Data

Source: National Center for Education Statistics

555 New Jersey Avenue NW

Washington, DC 20208-5651

The Common Core of Data (CCD) is the National Center for Education Statistics' primary database on elementary and secondary public education in the United States. CCD is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Date of government version: 1995-96.

GNIS: Geographic Names Information System

Source: USGS

Telephone: 703-648-5094

The Geographic Names Information System (GNIS), developed by the USGS in cooperation with the U.S. Board on Geographic Names (BGN), contains information about almost 2 million physical and cultural geographic features in the United States. The GNIS is our Nation's official repository of domestic geographic names information.

Date of government version: 03/01/98.

PRV_SCH: Private Schools

EDR indicates the location of buildings and facilities - private schools - where individuals who are public receptors are likely to be located.

DAYCARE: Daycare Centers

EDR indicates the location of buildings and facilities - daycare centers - where individuals who are public receptors are likely to be located.

MEDCEN: Medical Centers

EDR indicates the location of buildings and facilities - medical centers - where individuals who are public receptors are likely to be located.

NURSING: Nursing Homes

EDR indicates the location of buildings and facilities - nursing homes - where individuals who are public receptors are likely to be located.

ARENA: Arenas

EDR indicates the location of buildings and facilities - arenas - where individuals who are public receptors are likely to be located.

PRISON: Prisons

EDR indicates the location of buildings and facilities - prisons - where individuals who are public receptors are likely to be located.

BOP: Bureau of Prisons Facilities

Source: Federal Bureau of Prisons

List of facilities operated by the Federal Bureau of Prisons.

Date of government version: 07/01/98.



FLUOR DANIEL GTI

**DISPENSER ISLAND AND
PRODUCT LINE REMOVAL REPORT
SEARS STORE 1528
9000 NORTHGATE MALL
SAN RAFAEL, CALIFORNIA**

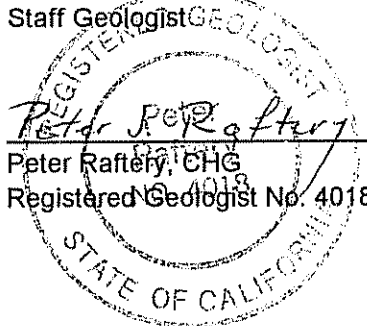
Fluor Daniel GTI Project 020200146

July 1, 1996

Prepared for:
Captain Forrest Craig
City of San Rafael Fire Department
1039 C Street
San Rafael, California 94901

Fluor Daniel GTI
Submitted by:

James L. Molesworth
Staff Geologist

Peter Raftery, CHG
Registered Geologist No. 4018

Fluor Daniel GTI
Approved by:

Mike Wray
Zone Project Manager

For:
David L. Backus
Vice President and General Manager
West Region

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2. Former New and Used Oil Product Line Soil Analytical Results, Sears Store 1528, San Rafael, California, Sampled November 30, 1994
3. Former New and Used Oil Product Line CAM Metal Analytical Results, Sears Store 1528, San Rafael, California, Sampled November 30, 1994

Appendixes

- A. Soil Disposal Documentation
- B. Soil Sampling Techniques - Quality Assurance/Quality Control, TPH-g and BTEX, EPA Method 8020, Laboratory Reports
- C. Total Lead, EPA Method 6010, Laboratory Reports
- D. TPH-d, EPA Method Modified 8015, Laboratory Reports
- E. TRPH, EPA Method 418.1, Laboratory Reports
- F. Volatile Organics, EPA Method 8240, Laboratory Reports
- G. California Assessment Metals, STLC and TTLC, Laboratory Reports
- H. Chain of Custody Forms

1.0 INTRODUCTION

This report documents the removal of dispenser islands, gasoline product lines, vent lines, new oil supply lines, and used oil line from Sears Store 1528, located at 9000 Northgate Mall, San Rafael, California (figure 1). Removal activities were performed between November 29 and December 1, 1994. The demolition and removal activities were performed by Norm Wilson and Sons, Inc., Paramount, California. Fluor Daniel GTI collected soil samples during the excavation and removal activities to assess the soil conditions and characterize the stockpiled soil for disposal. Fluor Daniel GTI also coordinated soil disposal, and prepared this report. Submittal of this report was delayed due to internal reorganization at Sears.

2.0 SITE HISTORY AND USAGE

2.1 Summary of Previous Investigations

Information provided by Sears indicates that two underground storage tanks (USTs) containing gasoline, one UST containing used oil, an unknown number of new oil USTs, and the product dispensers were removed several years ago (figure 1). The exact dates of the UST removal is not known. Fluor Daniel GTI was not supplied with additional information relating to the UST removal and is not aware of any other subsurface investigations conducted at this site.

2.2 Adjacent Site Uses

Surrounding properties include Sears Retail Store and Northgate Mall parking to the north, Las Golinas Avenue and a cemetery to the east, Sears Auto Repair Center and parking to the south, and a parking lot and residential properties to the west.

2.3 Scope of Work

The scope of work included overseeing the dispenser island and product line removal activities, soil sampling, soil disposal coordination, and project reporting.

Individual grab soil samples were collected at locations beneath the dispenser islands and along the product line trenches. Soil sampling was performed by Fluor Daniel GTI and directed by Captain Forrest Craig of the City of San Rafael Fire Department (SRFD). The samples were collected to determine if hydrocarbons or lead were present in the soil. Composite soil samples were collected from the soil stock piles for soil characterization prior to transportation and treatment at a thermal treatment plant in Arizona.

3.0 FIELD INVESTIGATION

3.1 Site Safety

Fluor Daniel GTI developed a Site Safety Plan to provide a safe working environment and to comply with Occupational Safety and Health Administration Regulation 29 CFR 1910.120. The Health and Safety Plan for the site is on file at Fluor Daniel GTI in Martinez, California. The plan is required to be on site during field work. All Fluor Daniel GTI field personnel and subcontractors are required to sign and comply with the plan. The plan is designed to identify hazards associated with the scope of work including drilling, excavation, sample collection, and the related chemicals of concern, and action levels. The plan includes emergency data, hospital route, and contact numbers. Use of the plan is intended to prevent accidents and reduce the risk of exposure to chemicals.

3.2 Permitting

Permitting for the dispenser island and product line removal was performed by Norm Wilson and Sons Inc. Underground Service Alert (USA) was notified prior to excavation and an excavation permit was obtained by Norm Wilson and Sons from the local fire protection district.

3.3 Dispenser Island Removal and Soil Characterization

3.3.1 Dispenser Island and Product Line Removal

Initial demolition activities began on November 29, 1994, and were completed December 1, 1994. This work included demolition of the dispenser island canopy and the dispenser islands, and the removal of the product lines, vent lines and new and used oil lines.

Sears contractor Norm Wilson and Sons used a backhoe to uncover the product lines and remove the dispenser islands. The soil directly above the product lines was removed with a shovel to avoid damaging the lines. The excavated soil and pea gravel was stock-piled on site.

Product lines were oriented approximately north-south, parallel to the dispenser islands, and approximately east-west between the dispenser islands and the former gasoline USTs (figure 2). The oil supply lines and used oil line were oriented north-south, perpendicular to the Sears Auto Center building (figure 3). All piping was removed by Jim Thorpe Oil, Inc.

Residual gasoline, used oil and water were drained from the product lines prior to removal. The residual product was contained in DOT-approved 55-gallon drums. Removal of these drums was coordinated by Sears.

3.3.2 Soil Characterization

Fluor Daniel GTI personnel field screened excavated soil with a photoionization detector (PID) so the contractor could segregate clean soil from soil containing hydrocarbons. All soil was stockpiled on and covered with plastic sheeting as directed by Fluor Daniel GTI personnel. Soil was segregated based on visual observations and PID field screening results. Any soil releasing hydrocarbon vapor at concentrations above 10 parts per million on the PID or visually stained by hydrocarbons was stockpiled. Approximately 34 cubic yards of soil was sampled for disposal/treatment and securely covered with plastic. The soil stockpiles were transported from the site by Southwest Soil Remediation, Inc., and treated by thermal processing at Remat in Buckeye, Arizona. Disposal documentation is included in appendix A.

3.4 Soil Sampling

Fluor Daniel GTI sampling procedures and protocol are included in appendix B; samples were collected with SRFD oversight. Soil samples were field screened with a PID using headspace methodologies and were sent by overnight delivery to GTEL Environmental Laboratories in Concord, California, for analysis.

Seventeen soil samples were collected from underneath the dispenser islands, gasoline product lines and vent lines at depths of 2 to 4 feet beneath the piping (table 1, figure 2). The soil samples were analyzed for the following constituents:

- total petroleum hydrocarbons as gasoline (TPH-g) by EPA Method 8015 (modified)
- benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8020
- total lead by EPA Method 6010

Five soil samples were collected from underneath the used oil line and oil supply lines at 2 to 5 feet below the piping (tables 2 and 3, figure 3). The soil samples were analyzed for the following constituents:

- TPH-g and total petroleum hydrocarbons as diesel (TPH-d) by EPA Method 8015 (modified)
- total recoverable petroleum hydrocarbons (TRPH) by EPA Method 418.1
- volatile organics by EPA Method 8240
- California Assessment Metals (CAM metals) by EPA 6000/7000 series analyses.

4.0 FINDINGS

Soil analytical results are summarized in tables 1, 2 and 3, and figures 2 and 3. The analytical reports are included in appendixes B through H.

4.1 Soil Sample Results Island A

Six soil samples were collected at dispenser island A (table 1 and figure 2). None of the soil samples contained detectable concentrations of TPH-g or BTEX. Concentrations of total lead ranged from 6 milligrams per kilogram (mg/kg) in sample ATW-2/3 to 10 mg/kg in sample ATW-1/3.

4.2 Soil Sample Results Island B

Six soil samples were collected at dispenser island B (table 1 and figure 2). None of the soil samples contained detectable concentrations of TPH-g or BTEX. Concentrations of total lead ranged from 7 mg/kg in sample BTW-1/3 to 11 mg/kg in sample BTE-1/3.

4.3 Soil Sample Results Main Product Line Trench

Five soil samples were collected at the main trench between the dispenser islands and the former gasoline USTs (table 1 and figure 2). None of the soil samples contained detectable concentrations of TPH-g or BTEX. Concentrations of total lead ranged from below the detection limit of 5 mg/kg in sample MT-5/4 to 9 mg/kg in three of the other samples.

4.4 Soil Sample Results Used Oil line Trench

Two soil samples were collected along the used oil line excavation trench. No concentrations of TPH-g, TPH-d, or volatile organics were detected. Concentrations of TRPH were 7 mg/kg in sample WO-1/2 and 19 mg/kg in sample WO-2/4. CAM metals results for the used oil supply line samples are summarized in table 3.

4.5 Soil Sample Results New Oil line Trench

Three soil samples were collected along the new oil line excavation trench. No concentrations of TPH-g, TPH-d, or volatile organics were detected. Concentrations of TRPH were below the detection limit in samples NO-1/2 and NO-3/5 and 11 mg/kg in sample NO-2/4. CAM metals results for the used oil line supply line samples are summarized in table 3.

5.0 ANALYTICAL REVIEW

Analytical results from the gasoline dispenser islands indicate gasoline hydrocarbons are not present in soil at the product line areas or the dispenser island areas.

Analytical results from the oil supply line and used oil UST areas indicate that very low levels of hydrocarbons are present in the soil in those two areas and that no volatile organics were present. Metals detected at concentrations above 100 mg/kg and below 211 mg/kg in the new and used oil product line areas include barium, total chromium and nickel.

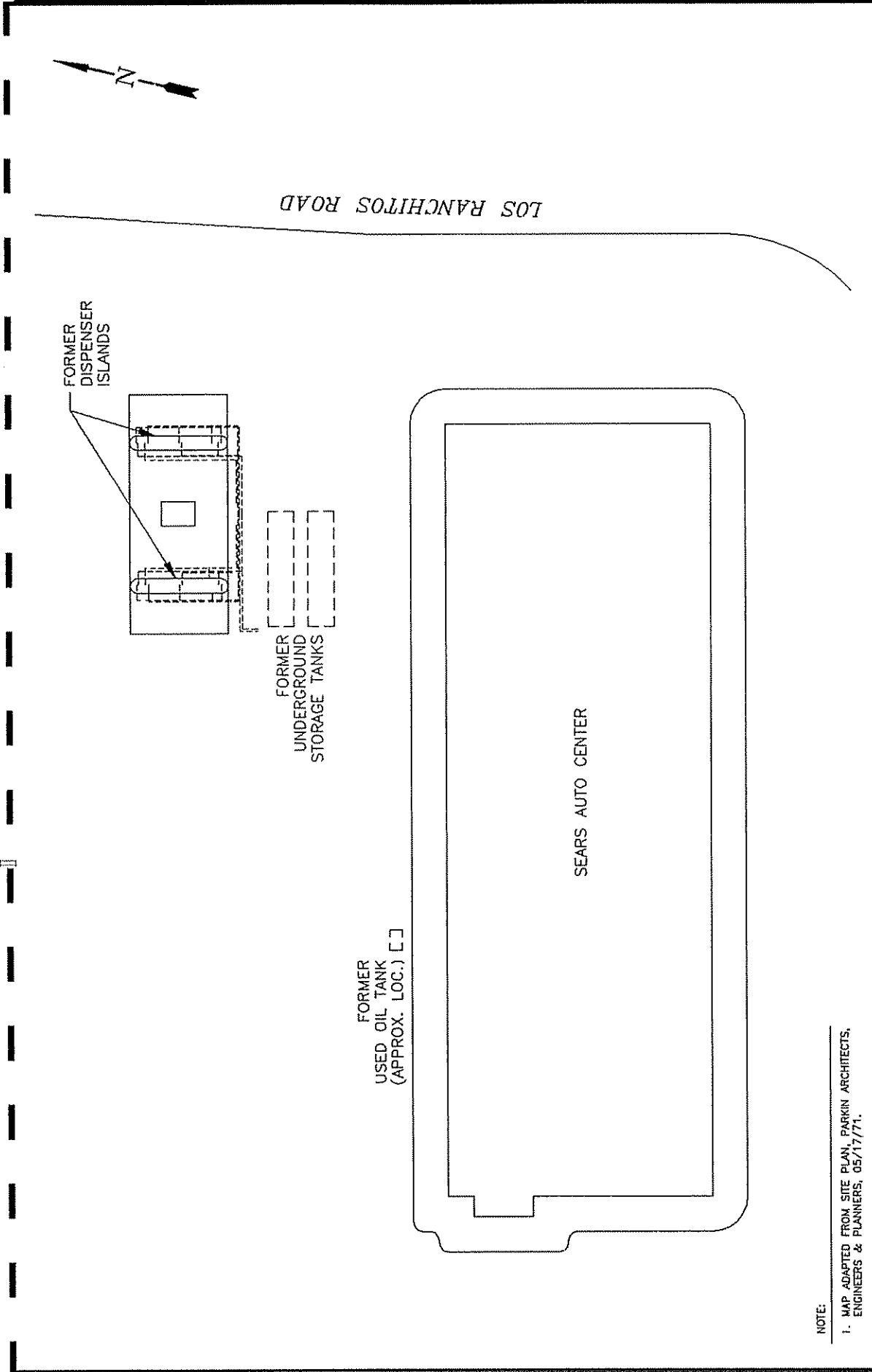
6.0 PETROLEUM HYDROCARBON EXPOSURE CONCERNS

The common exposure routes of petroleum hydrocarbons in humans and animals are inhalation of vapors, ingestion of hydrocarbon-containing material, and skin or eye contact with hydrocarbons. Currently there are no excavations or construction projects that would expose soil containing hydrocarbons on site or adjacent to the site. The site is covered with asphalt and concrete and there does not appear to be any potential risk to the public of contacting soil that contains hydrocarbons.

Based upon the findings of this investigation, Fluor Daniel GTI, on behalf of Sears, Roebuck and Co. proposes no further action at Sears Store 1528 in San Rafael, California.



FIGURES

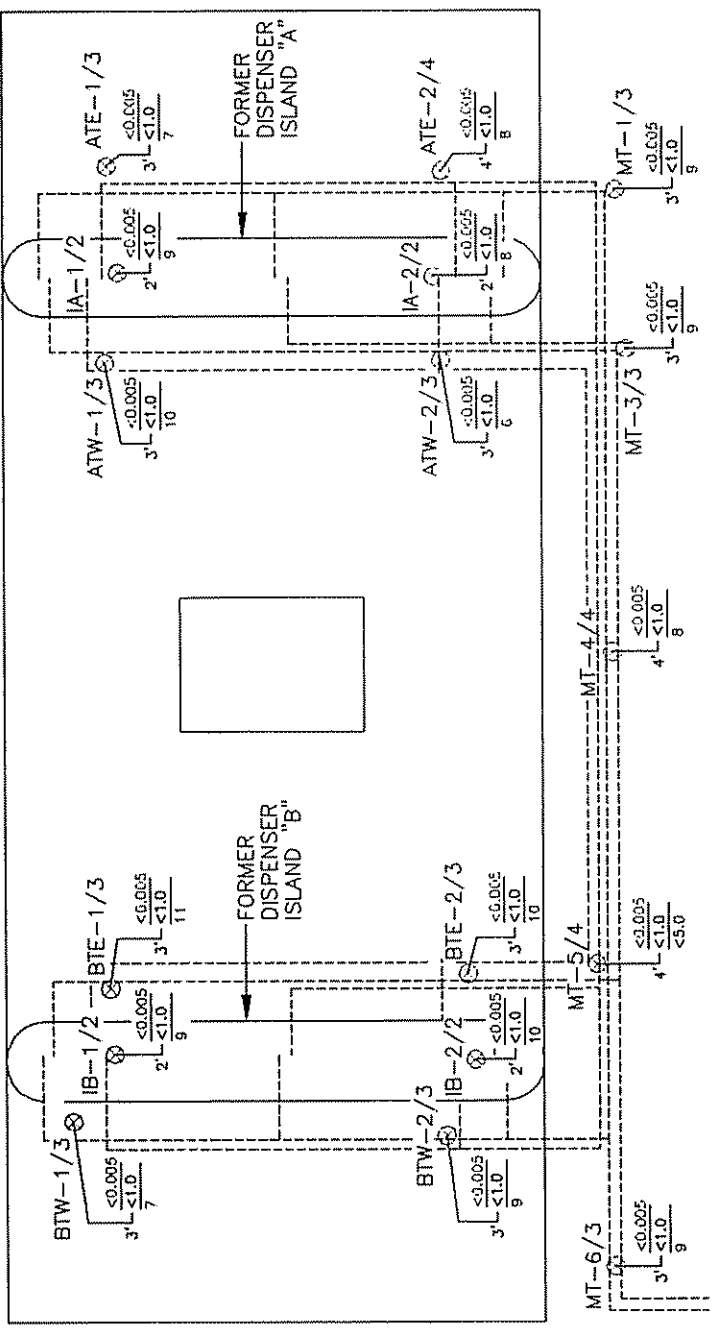
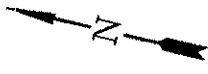
1. Site Plan
2. Soil Analytical Results at Former Dispenser Islands
3. Soil Analytical Results at Former New and Used Oil USTs



NOTE:

1. MAP ADAPTED FROM SITE PLAN, PARKIN ARCHITECTS, ENGINEERS & PLANNERS, 05/17/71.

 FLUOR DANIEL GTI	PROJECT NO.: 020200025	SCALE 	CLIENT: SEARS MERCHANDISE GROUP STORE No. 1528		SITE PLAN	
	REV.: 0025SM (1:480)	DES.: PM	DET.: PJWH	DATE: 12/20/94		
		PM:				

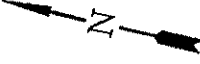


EXPLANATION

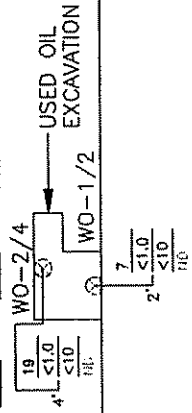
- SOIL SAMPLE LOCATION
- BENZENE (mg/kg)
- TPH AS GASOLINE (mg/kg)
- TOTAL LEAD (mg/kg)
- BENZENE DETECTION LIMIT (mg/kg)
- TPH AS GASOLINE DETECTION LIMIT (mg/kg)
- TOTAL LEAD DETECTION LIMIT (mg/kg)

SAMPLED ON: 11/30/94 AND 12/01/94

FLUOR DANIEL GTI 0025SRDI (1:120) REV:	CLIENT: SEARS MERCHANDISE GROUP STORE No. 1528 LOCATION: 9000 NORTHCATE MALL SAN RAFAEL, CA	DES.: JM DET.: CCG DATE: 06/04/96	PE/RG:	FIGURE: 2
	PROJECT NO.: 020200146 SCALE: 0 FEET 10 NOTE: 1. SAMPLE LOCATIONS PER FIELD MEASUREMENTS, OCT, 12/94.	SOIL ANALYTICAL RESULTS AT FORMER DISPENSER ISLANDS		



SEARS AUTO CENTER



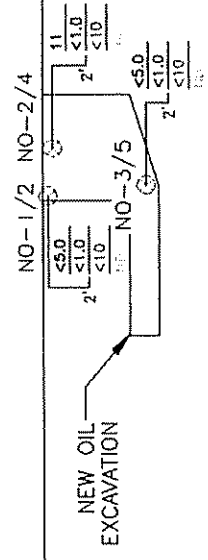
EXPLANATION

SOIL SAMPLE LOCATION

- 7 IRPH (mg/kg)
- 2 TPH AS GASOLINE (mg/kg)
- 2 TPH AS DIESEL (mg/kg)
- 10 VOLATILE ORGANICS (mg/kg)
- 2 IRPH DETECTION LIMIT (mg/kg)
- 2 TPH AS GASOLINE DETECTION LIMIT (mg/kg)
- 2 TPH AS DIESEL DETECTION LIMIT (mg/kg)
- 10 VOLATILE ORGANICS DETECTION LIMIT (mg/kg)

SAMPLED ON: 11/30/94

NOTE:
1. SAMPLE LOCATIONS PER FIELD MEASUREMENTS, GTI, 12/94.



FLUOR DANIEL GTI

PROJECT NO.: 020200146

SCALE: 0 FEET 20

CLIENT: SEARS MERCHANDISE GROUP
STORE No. 1528

LOCATION: 9000 NORTHGATE MALL
SAN RAFAEL, CA

**SOIL ANALYTICAL RESULTS
AT FORMER NEW AND USED OIL USTS**

DES.: JM DET.: CCG DATE: 06/04/96

PM: PE/RG: FIGURE: 3

REV.:

TABLES

1. Former Dispenser Island Soil Analytical Results, Sears Store 1528, San Rafael, California, Sampled November 30, and December 1, 1994
2. Former New and Used Oil Product Line Soil Analytical Results, Sears Store 1528, San Rafael, California, Sampled November 30, 1994
3. Former New and Used Oil Product Line CAM Metal Analytical Results, Sears Store 1528, San Rafael, California, Sampled November 30, 1994

TABLE 1
Former Dispenser Island Soil Analytical Results
Sears Store 1528, San Rafael, California
Sampled November 30, and December 1, 1994

Gasoline Dispenser Island Samples							
Samples	Date	TPH-g	B	T	E	X	Total Lead
Island A soil samples							
IA-1/2	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	9
IA-2/2	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	8
ATE-1/3	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	7
ATE-2/4	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	8
ATW-1/3	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	10
ATW-2/3	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	6
Island B Soil Samples							
IB-1/2	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	9
IB-2/2	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	10
BTE-1/3	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	11
BTE-2/3	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	10
BTW-1/3	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	7
BTW-2/3	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	9
Main Trench Soil Samples							
MT-3/3	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	9
MT-4/4	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	8
MT-5/4	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	<5
MT-1/3	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	9
MT-6/3	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	9

Notes:

- 1) All results expressed in milligrams per kilogram
- 2) Total lead analyzed using EPA Method 6010

TPH-g = total petroleum hydrocarbons as gasoline, B = benzene, T = toluene, E = ethylbenzene, X = total xylenes; analyzed using EPA Method 8020
 < Number = below reported detection limits

TABLE 2
Former New and Used Oil Product Line Soil Analytical Results

Sears Store 1528, San Rafael, California
Sampled November 30, and December 1, 1994

Samples	Date	TRPH	TPH-g	TPH-d	Volatile Organics
Used Oil Supply Line Soil Samples					
WO-1/2	11/30/94	7	<1	<10	ND
WO-2/4	11/30/94	19	<1	<10	ND
New Oil Supply Line Soil Samples					
NO-1/2	11/30/94	<5	<1	<10	ND
NO-2/4	11/30/94	11	<1	<10	ND
NO-3/5	11/30/94	<5	<1	<10	ND

Notes:

- 1) All results expressed in milligrams per kilogram
- 2) Volatile organics analyzed using EPA Method 8240A

TRPH = total recoverable petroleum hydrocarbons; analyzed using EPA Method 3550/418.1
 TPH-g = total petroleum hydrocarbons as gasoline, B = benzene, T = toluene, E = ethylbenzene, X = total xylenes; analyzed using EPA Method 8020
 TPH-d = total petroleum hydrocarbons as diesel; analyzed using EPA Method Modified 8015
 < Number = below reported detection limits
 ND = not detected

TABLE 3
Former New and Used Oil Product Line Soil CAM Metal Analytical Results

Sears Store 1528, San Rafael, California
Sampled November 30, 1994

Used Oil/Oil Supply Samples						
Analyte	Date	WO-1/2	WO-2/4	NO-1/2	NO-2/4	NO-3/5
Antimony	11/30/94	<5	<5	<5	<5	<5
Arsenic	11/30/94	5.5	2.5	4.0	9.3	7.5
Barium	11/30/94	150	55	100	130	170
Beryllium	11/30/94	0.6	<0.5	<0.5	<0.5	0.6
Cadmium	11/30/94	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium, total	11/30/94	30	38	92	68	210
Cobalt	11/30/94	9	8	19	16	21
Copper	11/30/94	28	11	17	47	35
Lead	11/30/94	8	<5	6	6	8
Mercury	11/30/94	<0.1	<0.1	<0.1	0.1	0.1
Molybdenum	11/30/94	1	<1	<1	1	1
Nickel	11/30/94	41	59	100	110	180
Selenium	11/30/94	<5	<5	<5	<5	<5
Silver	11/30/94	<1	<1	<1	<1	<1
Thallium	11/30/94	<5	<5	<5	<5	<5
Vanadium	11/30/94	32	22	44	44	46
Zinc	11/30/94	58	34	35	69	70

Notes:

- 1) All results expressed in milligrams per kilogram
- 2) Analyzed using EPA Methods 6010, 7060, and 7470

<Number = Below reported detection limit

APPENDIXES

- A. Soil Disposal Documentation
- B. Soil Sampling Techniques - Quality Assurance/Quality Control, TPH-g and BTEX, EPA Method 8020, Laboratory Reports
- C. Total Lead, EPA Method 6010, Laboratory Reports
- D. TPH-d, EPA Method Modified 8015, Laboratory Reports
- E. TRPH, EPA Method 418.1, Laboratory Reports
- F. Volatile Organics, EPA Method 8240, Laboratory Reports
- G. California Assessment Metals, STLC and TTLC, Laboratory Reports
- H. Chain of Custody Forms

APPENDIX A
SOIL DISPOSAL DOCUMENTATION

REMAT

830 North Miller Road
Buckeye, Arizona 85326

Phone: (602) 386-6600

FAX: (602) 386-3300

WASTE DISPOSAL QUESTIONNAIRE

GENERATOR INFORMATION:

REMAT WASTE ID NO.

1. NAME: Sears Roebuck & Company Store # 1528
2. ADDRESS: 333 Beverly Rd., Dept. 824C, Bldg A2-~~200~~ 160B
3. CITY/STATE/ZIP: Hoffman Estates, IL 60179
4. CONTACT(S): Bernadine Palka 5. PHONE #: (708) 286-8864
6. GENERATOR'S STANDARD INDUSTRIAL CLASS CODE (SIC): 5311
7. FEDERAL/STATE EPA ID No. (If Hazardous): N/A
8. WASTE SITE LOCATION: 9000 Northgate Mall, San Rafael, CA

WASTE INFORMATION:

9. WASTE TYPE (common name by which waste is referred):
Stockpiled Soil Containing Petroleum Hydrocarbons
10. ACCURATE DESCRIPTION OF THE PROCESS WHICH GENERATES THE WASTE:
UST Removal activities
11. CONTAMINATION: Gasoline Diesel Fuel Jet Fuel Fuel Oil
 Waste Oil Other _____
12. Is the waste hazardous under FEDERAL REGULATIONS? YES NO
If yes, is the waste LISTED or CHARACTERISTIC?
N/A
What is the EPA HAZARDOUS WASTE NUMBER? _____
13. Is the waste hazardous under STATE REGULATIONS? YES NO If yes,
EXPLAIN: _____

(INITIAL PAGE)

BP

14. Is the waste regulated under the FEDERAL TOXIC SUBSTANCES CONTROL ACT (TUSCA)? () YES (X) NO
15. What is the physical state of the waste at room temperature?
 (X) SOLID () SEMISOLID (sludge) () LIQUID
16. What will be the minimum percent of solids of the waste? 70 (%)
17. Is the waste (X) HOMOGENEOUS or () STRATIFIED?
18. Will the waste contain any free standing liquids? () YES () NO
19. Is there any debris (i.e., WOOD, CONCRETE, BRICK, STEEL, PIPE, etc.) in the waste? () YES (X) NO If yes, what is the percentage? _____ (%)

DESCRIPTION: _____

20. Will the waste be disposed of in (X) BULK () DRUMS () OTHER? _____
21. Is the disposal of the waste () ONGOING or a (X) ONE-TIME clean-up?
22. What is the approximate volume of waste to be disposed? two (2)
 () TONS (X) YARDS () DRUMS per () DAY () WEEK () MONTH () YR
23. What volume of waste is currently stockpiled, if any? 2 yards
24. What is the maximum volume of waste which will be disposed in any one day? (Specify TONS, YARDS, DRUMS, etc.) 2 yards

TRANSPORTER INFORMATION:

25. NAME: Southwest Soil Remediation, Inc.
26. ADDRESS: 3951 E. Columbia Street
27. CITY/STATE/ZIP: Tucson, AZ
28. CONTACT(S): Bob Bonnert 29. PHONE NO.: (602) 571-7174
30. FEDERAL/STATE EPA ID. NO. (if applicable): 86066729

LABORATORY INFORMATION:

31. NAME: GTEL Environmental Laboratories
32. CONTACT(S): Don Rensner 33. PHONE NO. 800-633-7936
34. Is the laboratory certified by the (X) STATE or () EPA? (X) YES () NO.
35. Please attach a recent (within six months) copy of the analysis conducted from a representative sample of the waste in question.

CERTIFICATION:

I, THE UNDERSIGNED, UNDER PENALTY OF LAW, DO HEREBY CERTIFY THAT ALL THE INFORMATION ON THIS FORM (INCLUDING ATTACHED DOCUMENTATION AND ANALYTICAL DATA) IS COMPLETE AND FACTUAL AND IS AN ACCURATE REPRESENTATION OF THE WASTE TO BE DISPOSED.

NAME: Bernadine Palka
 (Print or Type)

TITLE: Manager Environmental Engineering

Bernadine Palka
 (Signature)

DATE: 31 May 95

1528 (a)
 11P



830 N. Miller Road
Buickaya, AZ 85326

Phone 602-386-6600
FAX 602-386-3300

ENVIRONMENTAL SERVICES • SOIL REMEDIATION • RECYCLED PRODUCTS

GENERATOR CERTIFICATIONS

NON-HAZARDOUS CERTIFICATION

I, the undersigned, under penalty of the law, do hereby certify that the waste material, from the location below, submitted for acceptance to REMAT is not a "RCRA" listed hazardous waste as defined in 40 CFR 261 and does not exhibit any of the characteristics of a hazardous waste as defined in 40 CFR 261 of the Toxicity Characteristic Revision Rules as specified in the March 29, 1990, Federal Register; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE # 1528

LOCATION: 9000 Northgate Mall, San Rafael, CA

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

HERBICIDE/PESTICIDE/PCB CERTIFICATION

I, the undersigned, under penalty of law, do hereby certify that the waste material, from the location below, submitted for acceptance to REMAT does not contain herbicides or pesticides at a concentration which would render it hazardous as defined in "RCRA" 40 CFR 261, and does not contain polychlorinated biphenyls at a level greater than 50 ppm as defined by 40 CFR 261; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE # 1528

LOCATION: 9000 Northgate Mall, San Rafael, CA

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

1528(9)
BPP



830 N. Miller Road
Buckeye, AZ 85326

Phone 602-386-6000
FAX 602-386-3300

ENVIRONMENTAL SERVICES • SOIL REMEDIATION • RECYCLED PRODUCTS

GENERATOR CERTIFICATIONS

U.S.T. EXEMPTION CERTIFICATION

I, the undersigned, under penalty of law, do hereby certify that the waste material (soil), from the location below, was contaminated by a petroleum fuel source regulated under the Federal Underground Storage Tank Rules, 40 CFR part 280; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE # 1528

LOCATION: 9000 Northgate Mall, San Rafael, CA

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

PETROLEUM CONSTITUENT CERTIFICATION

In lieu of submitting analytical data verifying that the above soil in question does not contain constituents other than those which would normally appear in an analysis of un-used petroleum products, I submit and certify that I am familiar with the source of contamination of the soil and further certify that the source contains no contaminants other than what is listed below:

Soil Contaminants Gasoline

GENERATOR: Sears Roebuck & Company STORE # 1528

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

BOP
152869

REMAT

830 North Miller Road
Buckeye, Arizona 85326

Phone: (602) 386-6600

FAX: (602) 386-3300

WASTE DISPOSAL QUESTIONNAIRE

GENERATOR INFORMATION:

REMAT WASTE ID NO. _____

1. NAME: Sears Roebuck & Company Store #1528
2. ADDRESS: 333 Beverly Rd., Dept. 824C, Bldg A2-~~200~~ 160B
3. CITY/STATE/ZIP: Hoffman Estates, IL 60179
4. CONTACT(S): Bernadine Palka 5. PHONE # (708) 286-8864
6. GENERATOR'S STANDARD INDUSTRIAL CLASS CODE (SIC): 5311
7. FEDERAL/STATE EPA ID No. (If Hazardous): N/A
8. WASTE SITE LOCATION: 9000 Northgate Mall, San Rafael, CA

WASTE INFORMATION:

9. WASTE TYPE (COMMON name by which waste is referred):
Stockpiled soil containing petroleum hydrocarbons
10. ACCURATE DESCRIPTION OF THE PROCESS WHICH GENERATES THE WASTE:
UST Removal activities
11. CONTAMINATION: () Gasoline! () Diesel Fuel! () Jet Fuel! () Fuel Oil # _____
(X) Waste Oil (X) Other Used Oil _____
12. Is the waste hazardous under FEDERAL REGULATIONS? () YES (X) NO
If yes, is the waste () LISTED or () CHARACTERISTIC?
What is the EPA HAZARDOUS WASTE NUMBER? N/A
13. Is the waste hazardous under STATE REGULATIONS? () YES (X) NO If yes,
EXPLAIN: _____

(INITIAL PAGE)

14. Is the waste regulated under the FEDERAL TOXIC SUBSTANCES CONTROL ACT (TOSCA)? () YES (X) NO
15. What is the physical state of the waste at room temperature?
 (X) SOLID () SEMISOLID (sludge) () LIQUID
16. What will be the minimum percent of solids of the waste? 70 (%)
17. Is the waste (X) HOMOGENEOUS or () STRATIFIED?
18. Will the waste contain any free standing liquids? () YES () NO
19. Is there any debris (i.e., WOOD, CONCRETE, BRICK, STEEL, PIPE, etc.) in the waste? () YES (X) NO If yes, what is the percentage? _____ (%)

DESCRIPTION: _____

20. Will the waste be disposed of in (X) BULK () DRUMS () OTHER? _____
21. Is the disposal of the waste () ONGOING or a (X) ONE-TIME clean-up?
22. What is the approximate volume of waste to be disposed? thirty-two (32)
 () TONS (X) YARDS () DRUMS per () DAY () WEEK () MONTH () YR
23. What volume of waste is currently stockpiled, if any? 32 yards
24. What is the maximum volume of waste which will be disposed in any one day? (Specify TONS, YARDS, DRUMS, etc.) _____

TRANSPORTER INFORMATION:

25. NAME: Southwest Soil Remediation, Inc.
26. ADDRESS: 3951 E. Columbia Street
27. CITY/STATE/ZIP: Tucson, AZ
28. CONTACT(S): Bob Bonnett 29. PHONE NO. (602) 571-7174
30. FEDERAL/STATE EPA ID. NO. (If Applicable): 86066729

LABORATORY INFORMATION:

31. NAME: GTEL Environmental Laboratories
32. CONTACT(S): Don Rensner 33. PHONE NO. 800-633-7936
34. Is the laboratory certified by the (X) STATE or () EPA? (X) YES () NO.
35. Please attach a recent (within six months) copy of the analysis conducted from a representative sample of the waste in question.

CERTIFICATION:

I, THE UNDERSIGNED, UNDER PENALTY OF LAW, DO HEREBY CERTIFY THAT ALL THE INFORMATION ON THIS FORM (INCLUDING ATTACHED DOCUMENTATION AND ANALYTICAL DATA) IS COMPLETE AND FACTUAL AND IS AN ACCURATE REPRESENTATION OF THE WASTE TO BE DISPOSED.

NAME: Bernadine Palka
 (Print or Type)

Bernadine A. Palka
 (Signature)

TITLE: Manager Environmental Engineering

DATE: 31 May 95

15286



830 N. Miller Road
Buckeye, AZ 85326

Phone 602-386-6600
FAX 602-386-3300

ENVIRONMENTAL SERVICES • SOIL REMEDIATION • RECYCLED PRODUCTS

GENERATOR CERTIFICATIONS

NON-HAZARDOUS CERTIFICATION

I, the undersigned, under penalty of the law, do hereby certify that the waste material, from the location below, submitted for acceptance to REMAT is not a "RCRA" listed hazardous waste as defined in 40 CFR 261 and does not exhibit any of the characteristics of a hazardous waste as defined in 40 CFR 261 of the Toxicity Characteristic Revision Rules as specified in the March 29, 1990, Federal Register; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE # 1528

LOCATION: 9000 Northgate Mall, San Rafael, CA

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

HERBICIDE/PESTICIDE/PCB CERTIFICATION

I, the undersigned, under penalty of law, do hereby certify that the waste material, from the location below, submitted for acceptance to REMAT does not contain herbicides or pesticides at a concentration which would render it hazardous as defined in "RCRA" 40 CFR 261, and does not contain polychlorinated biphenyls at a level greater than 50 ppm as defined by 40 CFR 261; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE # 1528

LOCATION: 9000 Northgate Mall, San Rafael, CA

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

1528(6)



830 N. Miller Road
Buckeye, AZ 85326

Phone 602-386-6500
FAX 602-386-3300

ENVIRONMENTAL SERVICES • SOIL REMEDIATION • RECYCLED PRODUCTS

GENERATOR CERTIFICATIONS

U.S.T. EXEMPTION CERTIFICATION

I, the undersigned, under penalty of law, do hereby certify that the waste material (soil), from the location below, was contaminated by a petroleum fuel source regulated under the Federal Underground Storage Tank Rules, 40 CFR part 280; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE #1528
LOCATION: 9000 Northgate Mall, San Rafael, CA
SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering
NAME (Please Print) Bernadine Palka DATE: 31 May 95

PETROLEUM CONSTITUENT CERTIFICATION

In lieu of submitting analytical data verifying that the above soil in question does not contain constituents other than those which would normally appear in an analysis of un-used petroleum products, I submit and certify that I am familiar with the source of contamination of the soil and further certify that the source contains no contaminants other than what is listed below:

Soil Contaminants used oil/virgin oil

GENERATOR: Sears Roebuck & Company STORE # 1528
SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering
NAME (Please Print) Bernadine Palka DATE: 31 May 95

1528(6)



Client Number: 020200025
 Project ID: Sears 1528
 9000 Northgate
 San Rafael
 Work Order Number: CA-12-0018

Western Region
 4080 Pike Lane, Suite C
 Concord, CA 94520
 (510) 685-7852
 (800) 544-3422 Inside CA
 FAX (510) 825-0720

December 13, 1994

Eileen Brennan
 Groundwater Technology, Inc.
 275 South Temple, Suite 321
 Salt Lake City, UT 84111

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 12/01/94, under chain of custody record 33582.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes. This report is to be reproduced only in full.

GTEL is certified by the California State Department of Health Services, Laboratory certification number E1075, to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
 GTEL Environmental Laboratories, Inc.

Rashmi Shah
 for
 Rashmi Shah
 Laboratory Director

NO - waste oil samples
 NO - gasoline samples

1528 (9)
 BOP

Client Number: 020200025
 Project ID: Sears 1526
 9000 Northgate
 San Rafael, CA
 Work Order Number: C4-11-0454

ANALYTICAL RESULTS

Total Petroleum Hydrocarbons in Soil by Infrared Spectrometry¹

EPA 3550 (Mod.)/EPA 418.1 (SM 5520 FC)²

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Prepared		12/01/94	12/01/94	12/01/94	12/01/94
Date Analyzed		12/01/94	12/01/94	12/01/94	12/01/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Total Petroleum Hydrocarbons	5	7	110	18	<5
Detection Limit Multiplier		1	2.5	1	1

- The sample is sonication extracted using a modification of EPA 3550. The extract is analyzed, as in EPA 418.1 (SM 5520 CF), to yield results reported as Total Petroleum Hydrocarbons. Results are reported on a wet weight basis.
- Standard Methods for the Examination of Water and Wastewater, 17th ed., American Public Health Association, 1989.

*1528(9)
BDF*

Client Number: 020200025
 Project ID: Sears 152B
 9000 Northgate
 San Rafael, CA
 Work Order Number: CA-11-0454

ANALYTICAL RESULTS

Total Petroleum Hydrocarbons in Soil
by Infrared Spectrometry¹EPA 3550 (Mod.)/EPA 418.1 (SM 5520 FC)²

GTEL Sample Number	12	13	14	120194 TPH
Client Identification	NO-2/4	NO-C	NO-3/5	METHOD BLANK
Date Sampled	11/30/94	11/30/94	11/30/94	--
Date Prepared	12/01/94	12/01/94	12/01/94	12/01/94
Date Analyzed	12/01/94	12/01/94	12/01/94	12/01/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg		
Total Petroleum Hydrocarbons	5	11	26	<5
Detection Limit Multiplier		1	1	1

- The sample is sonication extracted using a modification of EPA 3550. The extract is analyzed, as in EPA 418.1 (SM 5520 CF), to yield results reported as Total Petroleum Hydrocarbons. Results are reported on a wet weight basis.
- Standard Methods for the Examination of Water and Wastewater, 17th ed., American Public Health Association, 1989.

1528(F)
BOP

Client Number: 020200025
 Project ID: Sears 1528
 9000 Northgate
 San Rafael, CA
 Work Order Number: C4-11-0454

ANALYTICAL RESULTS

TPH as Diesel in Soil

Method: Modified EPA 8015a

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Extracted		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/02/94	12/02/94	12/03/94	12/03/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as diesel	10	<10	<10	<10	<10
Detection Limit Multiplier		1	1	1	1
OTP surrogate, % recovery		74.5	91.5	76.4	92.4

GTEL Sample Number		12	13	14	GCI 120294
Client Identification		NO-2/4	NO/C	NO-3/5	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	—
Date Extracted		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/02/94	12/02/94	12/03/94	12/02/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as diesel	10	<10	<10	<10	<10
Detection Limit Multiplier		1	1	1	1
OTP surrogate, % recovery		93.3	67.5	74.0	106

1. O-Terphenyl surrogate recovery acceptability limits are 50-150% Test Methods for Evaluating Solid Waste, SW-846, 3rd edition, Rev. 0, U.S. EPA, November, 1986.

15225(9)
 BOP

GTEL Client ID: 020200025 ANALYTICAL RESULTS
 Login Number: C4110454
 Project ID (number): 020200025
 Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

Volatile Organics
 Method: EPA 8015
 Matrix: Solids

GTEL Sample Number	C4110454-08	C4110454-09	C4110454-10	C4110454-11
Client ID	40-172	40-3	40-2	40-172
Date Sampled	11/30/94	11/30/94	11/30/94	11/30/94
Date Analyzed	11/30/94	11/30/94	11/30/94	11/30/94
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting Limit	Units	Concentration:Wet Weight			
TPH as Gasoline	1.0	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0
BFB (surrogate)	--	%	88.9	87.9	93.3	82.3

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8015:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA
 C4110454:1

1528(7)
 RSP



GTEL Client ID: 020200025
 Login Number: C4110454
 Project ID (number): 020200025
 Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8015
 Matrix: Solids

GTEL Sample Number	C4110454-12	C4110454-13	C4110454-14
Client ID	020200025	020200025	020200025
Date Sampled	11/30/94	11/30/94	11/30/94
Date Analyzed	12/01/94	12/01/94	12/01/94
Dilution Factor	1.00	1.00	1.00

Analyte	Reporting Limit	Units	Concentration	Wet Weight
TPH as Gasoline	1.0	mg/kg	< 1.0	< 1.0
BFB (surrogate)	--	%	85.0	90.6
				87.9
				--

Notes:
 Dilution Factor:
 Dilution factor indicates the adjustments made for sample dilution.

EPA 8015:
 "Test Methods for Evaluating Solid Waste. Physical/Chemical Methods". SW-646. Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols. May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

1528(9)
 BFB

GTEL Concord, CA
 C4110454:2



Client Number: 020200025
Project ID: Sears #1528
Northgate Mall San Rafael
Work Order Number: CA-12-0011



Northwest Region
4080-C Pike Lane
Concord, CA 94520
(510) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California
(510) 825-0720 (FAX)

December 13, 1994

Eileen Brennan
Groundwater Technology, Inc.
275 South Temple, Suite 321
Salt Lake City, UT 84111

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 12/01/94, under chain of custody record 33111 and 33113.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes. This report is to be reproduced only in full.

GTEL is certified by the California State Department of Health Services, Laboratory certification number E1075, to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Rashmi Shah
Laboratory Director

1528 (9)
BOP

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^B

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Analyzed		12/05/94	12/05/94	12/05/94	12/06/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
Chloromethane	10	<10	<10	<10	<10
Bromomethane	10	<10	<10	<10	<10
Vinyl chloride	10	<10	<10	<10	<10
Chloroethane	10	<10	<10	<10	<10
Methylene chloride	5	<5	<5	<5	<5
Acetone	50	<50	<50	<50	<50
Carbon disulfide	5	<5	<5	<5	<5
1,1-Dichloroethene	5	<5	<5	<5	<5
1,1-Dichloroethane	5	<5	<5	<5	<5
1,2-Dichloroethene, total	5	<5	<5	<5	<5
Chloroform	5	<5	<5	<5	<5
1,2-Dichloroethane	5	<5	<5	<5	<5
2-Butanone	20	<20	<20	<20	<20
1,1,1-Trichloroethane	5	<5	<5	<5	<5
Carbon tetrachloride	5	<5	<5	<5	<5
Vinyl acetate	50	<50	<50	<50	<50
Bromodichloromethane	5	<5	<5	<5	<5
1,2-Dichloropropane	5	<5	<5	<5	<5
cis-1,3-Dichloropropene	5	<5	<5	<5	<5
Trichloroethene	5	<5	<5	<5	<5
Dibromochloromethane	5	<5	<5	<5	<5
1,1,2-Trichloroethane	5	<5	<5	<5	<5
Benzene	5	<5	<5	<5	<5

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

1528(5)
BDF

Client Number: 020200025
 Project ID: Sears # 1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Analyzed		12/05/94	12/05/94	12/05/94	12/06/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
trans-1,3-Dichloropropene	5	<5	<5	<5	<5
2-Chloroethylvinyl ether	10	<10	<10	<10	<10
Bromoform	5	<5	<5	<5	<5
4-Methyl-2-pentanone	20	<20	<20	<20	<20
2-Hexanone	20	<20	<20	<20	<20
Tetrachloroethene	5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	5	<5	<5	<5	<5
Toluene	5	<5	<5	<5	<5
Chlorobenzene	5	<5	<5	<5	<5
Ethylbenzene	5	<5	<5	<5	<5
Styrene	5	<5	<5	<5	<5
1,2-Dichlorobenzene	10	<10	<10	<10	<10
1,3-Dichlorobenzene	10	<10	<10	<10	<10
1,4-Dichlorobenzene	10	<10	<10	<10	<10
Xylene, total	10	<10	<10	<10	<10
Trichlorofluoromethane	5	<5	<5	<5	<5
Detection Limit Multiplier		1	1	1	1
DCE surrogate, % recovery		92.5	95.8	98.1	95.9
TOL surrogate, % recovery		101	110	107	110
BFB surrogate, % recovery		106	98.9	101	92.4

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

1528(5)
BOP

Client Number: 020200025
 Project ID: Seare #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		12	13	14	120594 MSC
Client Identification		NO-2/4	NO/C	NO-3/5	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	-
Date Analyzed		12/06/94	12/06/94	12/05/94	12/05/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
Chloromethane	10	<10	<10	<10	<10
Bromomethane	10	<10	<10	<10	<10
Vinyl chloride	10	<10	<10	<10	<10
Chloroethane	10	<10	<10	<10	<10
Methylene chloride	5	<5	<5	<5	<5
Acetone	50	<50	<50	<50	<50
Carbon disulfide	5	<5	<5	<5	<5
1,1-Dichloroethane	5	<5	<5	<5	<5
1,1-Dichloroethane	5	<5	<5	<5	<5
1,2-Dichloroethane, total	5	<5	<5	<5	<5
Chloroform	5	<5	<5	<5	<5
1,2-Dichloroethane	5	<5	<5	<5	<5
2-Butanone	20	<20	<20	<20	<20
1,1,1-Trichloroethane	5	<5	<5	<5	<5
Carbon tetrachloride	5	<5	<5	<5	<5
Vinyl acetate	50	<50	<50	<50	<50
Bromodichloromethane	5	<5	<5	<5	<5
1,2-Dichloropropane	5	<5	<5	<5	<5
cis-1,3-Dichloropropene	5	<5	<5	<5	<5
Trichloroethene	5	<5	<5	<5	<5
Dibromochloromethane	5	<5	<5	<5	<5
1,1,2-Trichloroethane	5	<5	<5	<5	<5
Benzene	5	<5	<5	<5	<5

^a Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

1528 (5)
BOP

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		12	13	14	120594 MSC
Client Identification		NO-2/4	NO/C	NO-3/5	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	-
Date Analyzed		12/06/94	12/06/94	12/05/94	12/05/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
trans-1,3-Dichloropropene	5	<5	<5	<5	<5
2-Chloroethylvinyl ether	10	<10	<10	<10	<10
Bromoform	5	<5	<5	<5	<5
4-Methyl-2-pentanone	20	<20	<20	<20	<20
2-Hexanone	20	<20	<20	<20	<20
Tetrachloroethene	5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	5	<5	<5	<5	<5
Toluene	5	<5	<5	<5	<5
Chlorobenzene	5	<5	<5	<5	<5
Ethylbenzene	5	<5	<5	<5	<5
Styrene	5	<5	<5	<5	<5
1,2-Dichlorobenzene	10	<10	<10	<10	<10
1,3-Dichlorobenzene	10	<10	<10	<10	<10
1,4-Dichlorobenzene	10	<10	<10	<10	<10
Xylene, total	10	<10	<10	<10	<10
Trichlorofluoromethane	5	<5	<5	<5	<5
Detection Limit Multiplier		1	1	1	1
DCE surrogate, % recovery		101	103	94.7	94.6
TOL surrogate, % recovery		115	92.1	112	101
BFB surrogate, % recovery		96.9	95.6	102	102

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

15328(9)
BOP?

Client Number: 02020028
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		120694 MSC			
Client Identification		METHOD BLANK			
Date Sampled		--			
Date Analyzed		12/06/94			
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
Chloromethane	10	<10			
Bromomethane	10	<10			
Vinyl chloride	10	<10			
Chloroethane	10	<10			
Methylene chloride	5	<5			
Acetone	50	<50			
Carbon disulfide	5	<5			
1,1-Dichloroethene	5	<5			
1,1-Dichloroethane	5	<5			
1,2-Dichloroethene, total	5	<5			
Chloroform	5	<5			
1,2-Dichloroethane	5	<5			
2-Butanone	20	<20			
1,1,1-Trichloroethane	5	<5			
Carbon tetrachloride	5	<5			
Vinyl acetate	50	<50			
Bromodichloromethane	5	<5			
1,2-Dichloropropane	5	<5			
cis-1,3-Dichloropropene	5	<5			
Trichloroethene	5	<5			
Dibromochloromethane	5	<5			
1,1,2-Trichloroethane	5	<5			
Benzene	5	<5			

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

15328(5)
1328

Client Number: 020200025
 Project ID: Sears # 1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240Aa

GTEL Sample Number		120694		
		MSC		
Client Identification		METHOD		
		BLANK		
Date Sampled		-		
Date Analyzed		12/06/94		
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg		
trans-1,3-Dichloropropene	5	<5		
2-Chloroethylvinyl ether	10	<10		
Bromoform	5	<5		
4-Methyl-2-pentanone	20	<20		
2-Hexanone	20	<20		
Tetrachloroethene	5	<5		
1,1,2,2-Tetrachloroethane	5	<5		
Toluene	5	<5		
Chlorobenzene	5	<5		
Ethylbenzene	5	<5		
Styrene	5	<5		
1,2-Dichlorobenzene	10	<10		
1,3-Dichlorobenzene	10	<10		
1,4-Dichlorobenzene	10	<10		
Xylene, total	10	<10		
Trichlorofluoromethane	5	<5		
Detection Limit Multiplier		1		
DCE surrogate, % recovery		105		
TOL surrogate, % recovery		113		
BFB surrogate, % recovery		96.2		

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis

1528(9)
 BDF

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

CAM List of Metals in Soil (TTLG)_B

GTEL Sample Number			08	09	10	11
Client Identification			WO-1/2	WC-C	WO-2/4	NO-1/2
Date Sampled			11/30/94	11/30/94	11/30/94	11/30/94
Date Prepared (Method 3055 ^b)			12/07/94	12/07/94	12/07/94	12/07/94
Date Analyzed (Method 6010)			12/08/94	12/08/94	12/08/94	12/08/94
Date Analyzed (Method 7060)			12/08/94	12/08/94	12/08/94	12/08/94
Date Prepared and Analyzed (Method 7470)			12/07/94	12/07/94	12/07/94	12/07/94
Analyte	EPA Method ^a	Detection Limit, mg/Kg	Concentration, mg/Kg			
Antimony	EPA 6010 ^c	5	<5	<5	<5	<5
Arsenic	EPA 7060 ^d	0.5	5.5	6.3	2.5	4.0
Barium	EPA 6010 ^c	1	150	180	55	100
Beryllium	EPA 6010 ^c	0.5	0.6	<0.5	<0.5	<0.5
Cadmium	EPA 6010 ^c	0.5	<0.5	<0.5	<0.5	<0.5
Chromium, total	EPA 6010 ^c	1	30	62	98	92
Cobalt	EPA 6010 ^c	1	9	15	8	19
Copper	EPA 6010 ^c	1	28	27	11	17
Lead	EPA 6010 ^c	5	8	9	<5	6
Mercury	EPA 7470 ^e	0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	EPA 6010 ^c	1	1	1	<1	<1
Nickel	EPA 6010 ^c	2	41	90	59	100
Selenium	EPA 6010 ^c	5	<5	<5	<5	<5
Silver	EPA 6010 ^c	1	<1	<1	<1	<1
Thallium	EPA 6010 ^d	5	<5	<5	<5	<5
Vanadium	EPA 6010 ^c	1	32	35	22	44
Zinc	EPA 6010 ^c	5	58	56	34	35
Detection Limit Multiplier			1	1	1	1

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Results reported on a wet weight basis.
- b. Draft EPA method 3055 SW-846 Third Addition Revision 1 Sept. 1991.
- c. Inductively Coupled Argon Plasma (ICP).
- d. Graphite Furnace Atomic Absorption (GFAA).
- e. Cold Vapor Atomic Absorption (CVAA).

1528(5)
BOP

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: CA-12-0011

ANALYTICAL RESULTS

CAM List of Metals in Soil (TTL)^a

GTEL Sample Number		12	13	14	120794 MET	
Client Identification		NO-2/4	NO/C	NO-3/5	METHOD BLANK	
Date Sampled		11/30/94	11/30/94	11/30/94	-	
Date Prepared (Method 3055 ^b)		12/07/94	12/07/94	12/07/94	12/07/94	
Date Analyzed (Method 6010)		12/08/94	12/08/94	12/08/94	12/08/94	
Date Analyzed (Method 7060)		12/08/94	12/08/94	12/08/94	12/08/94	
Date Prepared and Analyzed (Method 7470)		12/07/94	12/07/94	12/07/94	12/07/94	
Analyte	EPA Method ^a	Detection Limit, mg/Kg	Concentration, mg/Kg			
Antimony	EPA 6010 ^c	5	<5	<5	<5	<5
Arsenic	EPA 7060 ^d	0.5	9.3	6.2	7.5	<0.5
Barium	EPA 6010 ^c	1	130	120	170	<1
Beryllium	EPA 6010 ^c	0.5	<0.5	<0.5	0.6	<0.5
Cadmium	EPA 6010 ^c	0.5	<0.5	<0.5	<0.5	<0.5
Chromium, total	EPA 6010 ^c	1	68	51	210	<1
Cobalt	EPA 6010 ^c	1	16	11	21	<1
Copper	EPA 6010 ^c	1	47	42	35	<1
Lead	EPA 6010 ^c	5	6	6	8	<5
Mercury	EPA 7470 ^e	0.1	0.1	0.1	0.1	<0.1
Molybdenum	EPA 6010 ^c	1	1	<1	1	<1
Nickel	EPA 6010 ^c	2	110	85	180	<2
Selenium	EPA 6010 ^c	5	<5	<5	<5	<5
Silver	EPA 6010 ^c	1	<1	<1	<1	<1
Thallium	EPA 6010 ^c	5	<5	<5	<5	<5
Vanadium	EPA 6010 ^c	1	44	40	46	<1
Zinc	EPA 6010 ^c	5	69	80	70	<5
Detection Limit Multiplier			1	1	1	1

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Results reported on a wet weight basis.
- b. Draft EPA method 3055 SW-846 Third Addition Revision 1 Sept. 1991.
- c. Inductively Coupled Argon Plasma (ICP).
- d. Graphite Furnace Atomic Absorption (GFAA).
- e. Cold Vapor Atomic Absorption (CVAA).

1528(9)
 BOP

15328 (9)

GTEL
 4070 PIKE LANE, SUITE C
 CONCORD, CA 94530
 (510) 885-7182
 (800) 426-7148

Company Name: **GTEL**
 Phone #: _____
 FAX #: _____
 Company Address: **Northgate Mall**
Santa Clara Ave. & San Jose Ave.
San Jose, CA 95128
 Project Manager: **Debra Brennan**
 Client Project ID: **15328**
 Sampler Name (Print): **Sam Rafael**
TRNJ Jones

Field Sample ID	GTEL Lab # (Lab Use only)	Matrix		Method Preserved		Sampling	
		Soil	Water	GC	MS	Date	Time
ATW-1/5	01	X		X		11:00	10:54
ATW-2/5	02	X		X		11:05	10:59
BTE 1/5	03	X		X		11:09	11:09
BTE 2/5	04	X		X		11:16	11:16
MT-3/5	05	X		X		11:27	11:27
MT-4/4	06	X		X		11:37	11:37
MT-5/4	07	X		X		12:16	12:16
WO-1/2	08	X		X		12:20	12:20
WO-2	09	X		X		12:30	12:30
WO-3/4	10	X		X		12:30	12:30
NO-1/8	11	X		X		12:30	12:30

SPECIAL DETECTION LIMITS
 SPECIAL REPORTING REQUIREMENTS
 Date: _____ Time: _____
 Requisitioned by Sampler: **FAXN Eileen-SLO + AT-Sindig**
 Requisitioned by: _____
 Requisitioned by: _____
 Requisitioned by: _____

CUSTODY RECORD	
Relinquished by Sampler:	Date: _____ Time: _____
Relinquished by:	Date: _____ Time: _____
Relinquished by:	Date: _____ Time: _____

<input type="checkbox"/> EPA 503.1 EPA 822.2	<input type="checkbox"/> EPA 808 EPA 820 PLS 077	<input type="checkbox"/> EPA 824/PL EPA 824/PL NCS (4-29)	<input type="checkbox"/> EPA 810 EPA 810	<input type="checkbox"/> EPA 816 EPA 816	<input type="checkbox"/> EPA 817 EPA 817	<input type="checkbox"/> EPA 821 EPA 821	<input type="checkbox"/> EPA 822 EPA 822	<input type="checkbox"/> EPA 823 EPA 823	<input type="checkbox"/> EPA 824 EPA 824	<input type="checkbox"/> EPA 825 EPA 825	<input type="checkbox"/> EPA 826 EPA 826	<input type="checkbox"/> EPA 827 EPA 827	<input type="checkbox"/> EPA 828 EPA 828	<input type="checkbox"/> EPA 829 EPA 829	<input type="checkbox"/> EPA 830 EPA 830	<input type="checkbox"/> EPA 831 EPA 831	<input type="checkbox"/> EPA 832 EPA 832	<input type="checkbox"/> EPA 833 EPA 833	<input type="checkbox"/> EPA 834 EPA 834	<input type="checkbox"/> EPA 835 EPA 835	<input type="checkbox"/> EPA 836 EPA 836	<input type="checkbox"/> EPA 837 EPA 837	<input type="checkbox"/> EPA 838 EPA 838	<input type="checkbox"/> EPA 839 EPA 839	<input type="checkbox"/> EPA 840 EPA 840	<input type="checkbox"/> EPA 841 EPA 841	<input type="checkbox"/> EPA 842 EPA 842	<input type="checkbox"/> EPA 843 EPA 843	<input type="checkbox"/> EPA 844 EPA 844	<input type="checkbox"/> EPA 845 EPA 845	<input type="checkbox"/> EPA 846 EPA 846	<input type="checkbox"/> EPA 847 EPA 847	<input type="checkbox"/> EPA 848 EPA 848	<input type="checkbox"/> EPA 849 EPA 849	<input type="checkbox"/> EPA 850 EPA 850	<input type="checkbox"/> EPA 851 EPA 851	<input type="checkbox"/> EPA 852 EPA 852	<input type="checkbox"/> EPA 853 EPA 853	<input type="checkbox"/> EPA 854 EPA 854	<input type="checkbox"/> EPA 855 EPA 855	<input type="checkbox"/> EPA 856 EPA 856	<input type="checkbox"/> EPA 857 EPA 857	<input type="checkbox"/> EPA 858 EPA 858	<input type="checkbox"/> EPA 859 EPA 859	<input type="checkbox"/> EPA 860 EPA 860	<input type="checkbox"/> EPA 861 EPA 861	<input type="checkbox"/> EPA 862 EPA 862	<input type="checkbox"/> EPA 863 EPA 863	<input type="checkbox"/> EPA 864 EPA 864	<input type="checkbox"/> EPA 865 EPA 865	<input type="checkbox"/> EPA 866 EPA 866	<input type="checkbox"/> EPA 867 EPA 867	<input type="checkbox"/> EPA 868 EPA 868	<input type="checkbox"/> EPA 869 EPA 869	<input type="checkbox"/> EPA 870 EPA 870	<input type="checkbox"/> EPA 871 EPA 871	<input type="checkbox"/> EPA 872 EPA 872	<input type="checkbox"/> EPA 873 EPA 873	<input type="checkbox"/> EPA 874 EPA 874	<input type="checkbox"/> EPA 875 EPA 875	<input type="checkbox"/> EPA 876 EPA 876	<input type="checkbox"/> EPA 877 EPA 877	<input type="checkbox"/> EPA 878 EPA 878	<input type="checkbox"/> EPA 879 EPA 879	<input type="checkbox"/> EPA 880 EPA 880	<input type="checkbox"/> EPA 881 EPA 881	<input type="checkbox"/> EPA 882 EPA 882	<input type="checkbox"/> EPA 883 EPA 883	<input type="checkbox"/> EPA 884 EPA 884	<input type="checkbox"/> EPA 885 EPA 885	<input type="checkbox"/> EPA 886 EPA 886	<input type="checkbox"/> EPA 887 EPA 887	<input type="checkbox"/> EPA 888 EPA 888	<input type="checkbox"/> EPA 889 EPA 889	<input type="checkbox"/> EPA 890 EPA 890	<input type="checkbox"/> EPA 891 EPA 891	<input type="checkbox"/> EPA 892 EPA 892	<input type="checkbox"/> EPA 893 EPA 893	<input type="checkbox"/> EPA 894 EPA 894	<input type="checkbox"/> EPA 895 EPA 895	<input type="checkbox"/> EPA 896 EPA 896	<input type="checkbox"/> EPA 897 EPA 897	<input type="checkbox"/> EPA 898 EPA 898	<input type="checkbox"/> EPA 899 EPA 899	<input type="checkbox"/> EPA 900 EPA 900
--	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Post-It™ brand fax transmittal memo 7671 # of pages: 2
 To: **Sherry** From: **Eileen**
 Co: _____ Co: _____
 Dept: _____ Dept: _____
 Fax #: _____ Fax #: _____

APPENDIX B

**SOIL SAMPLING TECHNIQUES - QUALITY ASSURANCE/QUALITY CONTROL,
TPH-G AND BTEX, EPA METHOD 8020, LABORATORY REPORTS**

SOIL SAMPLING TECHNIQUES QUALITY ASSURANCE AND QUALITY CONTROL

To prevent cross contamination between samples, the sampler was washed prior to each sampling using the "three bucket" wash system. This system involves the following steps:

1. washing the split-spoon sampler in a detergent and water solution
2. rinsing the sampler in tap water
3. rinsing the sampler in distilled water

To maintain the integrity of the samples, all samples were collected using the following methods:

1. collected in 6-inch brass sample tubes
2. sealed with foil or Teflon caps
3. wrapped with duct tape
4. properly labeled and listed on completed custody forms
5. placed in plastic bags
6. placed in a cooler and chilled on ice
7. delivered to a State-certified laboratory

All soil samples were refrigerated and stored at the laboratory for 30 days in case subsequent analyses were required.

GTEL Client ID: 020200025
 Login Number: C4110454
 Project ID (number): 020200025
 Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8020
 Matrix: Solids

GTEL Sample Number	C4110454-01	C4110454-02	C4110454-03	C4110454-04
Client ID	ATH-2/3	ATH-2/3	ATH-2/3	ATH-2/3
Date Sampled	11/30/94	11/30/94	11/30/94	11/30/94
Date Analyzed	11/30/94	11/30/94	11/30/94	11/30/94
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting Limit Units		Concentration:Wet Weight			
	Limit	Units				
Benzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015
TPH as GAS	1.0	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0
BFB (Surrogate)	--	%	96.9	86.5	66.2	85.2

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTel Client ID: 020200025
 Login Number: C4110454
 Project ID (number): 020200025
 Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organic
 Method: EPA 8021
 Matrix: Solid

GTel Sample Number	C4110454-05	C4110454-06	C4110454-07
Client ID	KT-5/3	KT-5/4	KT-5/4
Date Sampled	11/30/94	11/30/94	11/30/94
Date Analyzed	11/30/94	11/30/94	11/30/94
Dilution Factor	1.00	1.00	1.00

Analyte	Reporting Limit		Concentration:Wet Weight			
	Limit	Units				
Benzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	
Toluene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	--
Ethyl Benzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015	< 0.015	--
TPH as GAS	1.0	mg/kg	< 1.0	< 1.0	< 1.0	
BFB (Surrogate)	--	%	82.6	88.9	66.7	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Client ID: 020200025
 Login Number: C4120017
 Project ID (number): 020200025
 Project ID (name): Sears/1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8020
 Matrix: Solids

GTEL Sample Number	C4120017-01	C4120017-02	C4120017-03	C4120017-04
Client ID	MT 1/3	MT 6/3	TA 1/2	TA 2/2
Date Sampled	12/01/94	12/01/94	12/01/94	12/01/94
Date Analyzed	12/01/94	12/01/94	12/01/94	12/01/94
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting		Concentration:Wet Weight			
	Limit	Units				
Benzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015
TPH as GAS	1.0	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0
BFB (Surrogate)	--	%	89.3	89.0	84.9	91.0

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA
 C4120017:1



GTEL Client ID: 020200025
 Login Number: C4120017
 Project ID (number): 020200025
 Project ID (name): Sears/1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8020
 Matrix: Solids

GTEL Sample Number	C4120017-05	C4120017-06	C4120017-07	C4120017-08
Client ID	IB 1/2	IB 2/2	BTE 1/3	BTE 2/3
Date Sampled	12/01/94	12/01/94	12/01/94	12/01/94
Date Analyzed	12/01/94	12/01/94	12/01/94	12/01/94
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting		Concentration:Wet Weight			
	Limit	Units				
Benzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015
TPH as GAS	1.0	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0
BFB (Surrogate)	--	%	72.1	62.9	82.4	83.2

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA
 C4120017:2



GTEL Client ID: 020200025
 Login Number: C4120017
 Project ID (number): 020200025
 Project ID (name): Sears/1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8020
 Matrix: Solids

GTEL Sample Number	C4120017-09	C4120017-10	--	--
Client ID	ATE 1/3	ATE 2/4	--	--
Date Sampled	12/01/94	12/01/94	--	--
Date Analyzed	12/02/94	12/01/94	--	--
Dilution Factor	1.00	1.00	--	--

Analyte	Reporting		Concentration:Wet Weight		
	Limit	Units			
Benzene	0.005	mg/kg	< 0.005	< 0.005	--
Toluene	0.005	mg/kg	< 0.005	< 0.005	--
Ethylbenzene	0.005	mg/kg	< 0.005	< 0.005	--
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015	--
TPH as GAS	1.0	mg/kg	< 1.0	< 1.0	--
BFB (Surrogate)	--	%	90.5	84.1	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA
 C4120017:3



GTel Client ID: 020200025
 Login Number: C4110454
 Project ID (number): 020200025
 Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8015
 Matrix: Solids

GTel Sample Number	C4110454-08	C4110454-09	C4110454-25	C4110454-11
Client ID	NC-172	NC-0	NC-274	NC-172
Date Sampled	11/30/94	11/30/94	11/30/94	11/30/94
Date Analyzed	11/01/94	11/01/94	11/30/94	11/30/94
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting Limit	Units	Concentration:Wet Weight			
TPH as Gasoline	1.0	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0
BFB (surrogate)	--	%	88.9	87.9	93.3	82.3

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8015:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Client ID: 020200025
 Login Number: C4110454
 Project ID (number): 020200025
 Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8015
 Matrix: Solids

GTEL Sample Number	C4110454-12	C4110454-31	C4110454-04
Client ID	NO-2/4	NO-3/5	NO-3/5
Date Sampled	11/30/94	11/30/94	11/30/94
Date Analyzed	12/01/94	12/01/94	12/01/94
Dilution Factor	1.00	1.00	1.00

Analyte	Reporting Limit	Units	Concentration:Wet Weight		
TPH as Gasoline	1.0	mg/kg	<1.0	<1.0	<1.0
BFB (surrogate)	--	%	85.0	90.6	87.9

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8015:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.



GTEL Client ID: 020200025
Login Number: C4110454
Project ID (number): 020200025
Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Solids

Method Blank Results

QC Batch No: A113094-1
Date Analyzed: 30-NOV-94

Analyte	Method: EPA 8020	Concentration: mg/kg
Benzene	< 0.0050	
Toluene	< 0.0050	
Ethylbenzene	< 0.0050	
Xylenes (Total)	< 0.015	
TPH as Gasoline	< 1.0	

Notes:

APPENDIX C

TOTAL LEAD, EPA METHOD 6010, LABORATORY REPORTS

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Lead in Soil

EPA Method 6010^a

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1988. Sample preparation by Method 3050. Results reported on a wet weight basis.

GTEL Sample Number		01	2	BTW 03	BTW 04
Client Identification		ATW-1/3	ATW-2/3	BFE-1/3	BFE-2/3
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Prepared		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/06/94	12/06/94	12/06/94	12/06/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Lead, total	5	10	6	7	9
Detection Limit Multiplier		1	1	1	1

lab errors

GTEL Sample Number		05	06	07	120294 MET
Client Identification		MT-3/3	MT-4/4	MT-5/4	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	-
Date Prepared		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/06/94	12/06/94	12/06/94	12/06/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Lead, total	5	9	8	<5	<5
Detection Limit Multiplier		1	1	1	1

Client Number: 00000005
 Project ID: 8888 1000
 8000 Northgate
 San Rafael
 Work Order Number: 04-12-0018

ANALYTICAL RESULTS

Lead in Soil

EPA Method 8010*

* Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1989. Sample preparation by Method 3050. Results reported on a wet weight basis.

GTEL Sample Number		01	02	03	04
Client Identification		MT 1/3	MT 6/3	IA 1/2	IA 2/2
Date Sampled		12/01/94	12/01/94	12/01/94	12/01/94
Date Prepared		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/06/94	12/06/94	12/06/94	12/06/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Lead, total	5	9	9	9	8
Detection Limit Multiplier		1	1	1	1

GTEL Sample Number		05	06	07	08
Client Identification		IB 1/2	IB 2/2	BTE 1/3	BTE 2/3
Date Sampled		12/01/94	12/01/94	12/01/94	12/01/94
Date Prepared		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/06/94	12/06/94	12/06/94	12/06/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Lead, total	5	9	10	11	10
Detection Limit Multiplier		1	1	1	1

Client Number: 00000000
 Project ID: 0000 9028
 0000 Marygate
 San Rafael
 Work Order Number: CA-42-0098

ANALYTICAL RESULTS

Lead in Soil

EPA Method 6010^a

^a Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 1, US EPA November 1988. Sample preparation by Method 3050. Results reported on a wet weight basis.

GTEL Sample Number		09	10	120294 MET
Client Identification		ATE 1/3	ATE 2/4	METHOD BLANK
Date Sampled		12/01/94	12/01/94	-
Date Prepared		12/02/94	12/02/94	12/02/94
Date Analyzed		12/06/94	12/06/94	12/06/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg		
Lead, total	5	7	8	<5
Detection Limit Multiplier		1	1	1



APPENDIX D

TPH-D, EPA METHOD MODIFIED 8015, LABORATORY REPORTS

Client Number: 020200025
 Project ID: Sears 1528
 9000 Northgate
 San Rafael, CA
 Work Order Number: C4-11-0454

ANALYTICAL RESULTS

TPH as Diesel in Soil

Method: Modified EPA 8015^a

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Extracted		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/02/94	12/02/94	12/03/94	12/03/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as diesel	10	<10	<10	<10	<10
Detection Limit Multiplier		1	1	1	1
OTP surrogate, % recovery		74.5	91.5	76.4	92.4

GTEL Sample Number		12	13	14	GCI 120294
Client Identification		NO-2/4	NO/C	NO-3/5	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	--
Date Extracted		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/02/94	12/02/94	12/03/94	12/02/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as diesel	10	<10	<10	<10	<10
Detection Limit Multiplier		1	1	1	1
OTP surrogate, % recovery		93.3	67.5	74.0	106

^a O-Terphenyl surrogate recovery acceptability limits are 50-150%. Test Methods for Evaluating Solid Waste, SW-846, 3rd edition, Rev. O, U.S. EPA, November, 1986.

APPENDIX E

TRPH, EPA METHOD 418.1, LABORATORY REPORTS

Client Number: 020200025
 Project ID: Sears 1528
 9000 Northgate
 San Rafael, CA
 Work Order Number: C4-11-0454

ANALYTICAL RESULTS

Total Petroleum Hydrocarbons in Soil by Infrared Spectrometry¹

EPA 3550 (Mod.)/EPA 418.1 (SM 5520 FC)²

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Prepared		12/01/94	12/01/94	12/01/94	12/01/94
Date Analyzed		12/01/94	12/01/94	12/01/94	12/01/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Total Petroleum Hydrocarbons	5	7	110	19	<5
Detection Limit Multiplier		1	2.5	1	1

1. The sample is sonication extracted using a modification of EPA 3550. The extract is analyzed, as in EPA 418.1 (SM 5520 CF), to yield results reported as Total Petroleum Hydrocarbons. Results are reported on a wet weight basis.
2. Standard Methods for the Examination of Water and Wastewater, 17th ed., American Public Health Association, 1989.

Client Number: 020200025
 Project ID: Sears 1528
 9000 Northgate
 San Rafael, CA
 Work Order Number: C4-11-0454

ANALYTICAL RESULTS

Total Petroleum Hydrocarbons in Soil by Infrared Spectrometry¹

EPA 3550 (Mod.)/EPA 418.1 (SM 5520 FC)²

GTEL Sample Number	12	13	14	120194 TPH	
Client Identification	NO-2/4	NO-C	NO-3/5	METHOD BLANK	
Date Sampled	11/30/94	11/30/94	11/30/94	-	
Date Prepared	12/01/94	12/01/94	12/01/94	12/01/94	
Date Analyzed	12/01/94	12/01/94	12/01/94	12/01/94	
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Total Petroleum Hydrocarbons	5	11	26	<5	<5
Detection Limit Multiplier		1	1	1	1

1. The sample is sonication extracted using a modification of EPA 3550. The extract is analyzed, as in EPA 418.1 (SM 5520 CF), to yield results reported as Total Petroleum Hydrocarbons. Results are reported on a wet weight basis.
2. Standard Methods for the Examination of Water and Wastewater, 17th ed., American Public Health Association, 1989.

APPENDIX F

VOLATILE ORGANICS, EPA METHOD 8240, LABORATORY REPORTS

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Analyzed		12/05/94	12/05/94	12/05/94	12/06/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
Chloromethane	10	<10	<10	<10	<10
Bromomethane	10	<10	<10	<10	<10
Vinyl chloride	10	<10	<10	<10	<10
Chloroethane	10	<10	<10	<10	<10
Methylene chloride	5	<5	<5	<5	<5
Acetone	50	<50	<50	<50	<50
Carbon disulfide	5	<5	<5	<5	<5
1,1-Dichloroethene	5	<5	<5	<5	<5
1,1-Dichloroethane	5	<5	<5	<5	<5
1,2-Dichloroethene, total	5	<5	<5	<5	<5
Chloroform	5	<5	<5	<5	<5
1,2-Dichloroethane	5	<5	<5	<5	<5
2-Butanone	20	<20	<20	<20	<20
1,1,1-Trichloroethane	5	<5	<5	<5	<5
Carbon tetrachloride	5	<5	<5	<5	<5
Vinyl acetate	50	<50	<50	<50	<50
Bromodichloromethane	5	<5	<5	<5	<5
1,2-Dichloropropane	5	<5	<5	<5	<5
cis-1,3-Dichloropropene	5	<5	<5	<5	<5
Trichloroethene	5	<5	<5	<5	<5
Dibromochloromethane	5	<5	<5	<5	<5
1,1,2-Trichloroethane	5	<5	<5	<5	<5
Benzene	5	<5	<5	<5	<5

^a Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Analyzed		12/05/94	12/05/94	12/05/94	12/06/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
trans-1,3-Dichloropropene	5	<5	<5	<5	<5
2-Chloroethylvinyl ether	10	<10	<10	<10	<10
Bromoform	5	<5	<5	<5	<5
4-Methyl-2-pentanone	20	<20	<20	<20	<20
2-Hexanone	20	<20	<20	<20	<20
Tetrachloroethene	5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	5	<5	<5	<5	<5
Toluene	5	<5	<5	<5	<5
Chlorobenzene	5	<5	<5	<5	<5
Ethylbenzene	5	<5	<5	<5	<5
Styrene	5	<5	<5	<5	<5
1,2-Dichlorobenzene	10	<10	<10	<10	<10
1,3-Dichlorobenzene	10	<10	<10	<10	<10
1,4-Dichlorobenzene	10	<10	<10	<10	<10
Xylene, total	10	<10	<10	<10	<10
Trichlorofluoromethane	5	<5	<5	<5	<5
Detection Limit Multiplier		1	1	1	1
DCE surrogate, % recovery		92.5	95.8	98.1	95.9
TOL surrogate, % recovery		101	110	107	110
BFB surrogate, % recovery		106	98.9	101	92.4

^a Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

Client Number: 02020025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		12	13	14	120594 MSC
Client Identification		NO-2/4	NO/C	NO-3/5	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	—
Date Analyzed		12/06/94	12/06/94	12/05/94	12/05/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
Chloromethane	10	<10	<10	<10	<10
Bromomethane	10	<10	<10	<10	<10
Vinyl chloride	10	<10	<10	<10	<10
Chloroethane	10	<10	<10	<10	<10
Methylene chloride	5	<5	<5	<5	<5
Acetone	50	<50	<50	<50	<50
Carbon disulfide	5	<5	<5	<5	<5
1,1-Dichloroethene	5	<5	<5	<5	<5
1,1-Dichloroethane	5	<5	<5	<5	<5
1,2-Dichloroethene, total	5	<5	<5	<5	<5
Chloroform	5	<5	<5	<5	<5
1,2-Dichloroethane	5	<5	<5	<5	<5
2-Butanone	20	<20	<20	<20	<20
1,1,1-Trichloroethane	5	<5	<5	<5	<5
Carbon tetrachloride	5	<5	<5	<5	<5
Vinyl acetate	50	<50	<50	<50	<50
Bromodichloromethane	5	<5	<5	<5	<5
1,2-Dichloropropane	5	<5	<5	<5	<5
cis-1,3-Dichloropropene	5	<5	<5	<5	<5
Trichloroethene	5	<5	<5	<5	<5
Dibromochloromethane	5	<5	<5	<5	<5
1,1,2-Trichloroethane	5	<5	<5	<5	<5
Benzene	5	<5	<5	<5	<5

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		12	13	14	120594 MSC
Client Identification		NO-2/4	NO/C	NO-3/5	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	-
Date Analyzed		12/06/94	12/06/94	12/05/94	12/05/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
trans-1,3-Dichloropropene	5	<5	<5	<5	<5
2-Chloroethylvinyl ether	10	<10	<10	<10	<10
Bromoform	5	<5	<5	<5	<5
4-Methyl-2-pentanone	20	<20	<20	<20	<20
2-Hexanone	20	<20	<20	<20	<20
Tetrachloroethene	5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	5	<5	<5	<5	<5
Toluene	5	<5	<5	<5	<5
Chlorobenzene	5	<5	<5	<5	<5
Ethylbenzene	5	<5	<5	<5	<5
Styrene	5	<5	<5	<5	<5
1,2-Dichlorobenzene	10	<10	<10	<10	<10
1,3-Dichlorobenzene	10	<10	<10	<10	<10
1,4-Dichlorobenzene	10	<10	<10	<10	<10
Xylene, total	10	<10	<10	<10	<10
Trichlorofluoromethane	5	<5	<5	<5	<5
Detection Limit Multiplier		1	1	1	1
DCE surrogate, % recovery		101	103	94.7	94.6
TOL surrogate, % recovery		115	92.1	112	101
BFB surrogate, % recovery		96.9	95.6	102	102

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		120694 MSC			
Client Identification		METHOD BLANK			
Date Sampled		--			
Date Analyzed		12/06/94			
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
Chloromethane	10	<10			
Bromomethane	10	<10			
Vinyl chloride	10	<10			
Chloroethane	10	<10			
Methylene chloride	5	<5			
Acetone	50	<50			
Carbon disulfide	5	<5			
1,1-Dichloroethene	5	<5			
1,1-Dichloroethane	5	<5			
1,2-Dichloroethene, total	5	<5			
Chloroform	5	<5			
1,2-Dichloroethane	5	<5			
2-Butanone	20	<20			
1,1,1-Trichloroethane	5	<5			
Carbon tetrachloride	5	<5			
Vinyl acetate	50	<50			
Bromodichloromethane	5	<5			
1,2-Dichloropropane	5	<5			
cis-1,3-Dichloropropene	5	<5			
Trichloroethene	5	<5			
Dibromochloromethane	5	<5			
1,1,2-Trichloroethane	5	<5			
Benzene	5	<5			

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		120694 MSC			
Client Identification		METHOD BLANK			
Date Sampled		--			
Date Analyzed		12/06/94			
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
trans-1,3-Dichloropropene	5	<5			
2-Chloroethylvinyl ether	10	<10			
Bromoform	5	<5			
4-Methyl-2-pentanone	20	<20			
2-Hexanone	20	<20			
Tetrachloroethene	5	<5			
1,1,2,2-Tetrachloroethane	5	<5			
Toluene	5	<5			
Chlorobenzene	5	<5			
Ethylbenzene	5	<5			
Styrene	5	<5			
1,2-Dichlorobenzene	10	<10			
1,3-Dichlorobenzene	10	<10			
1,4-Dichlorobenzene	10	<10			
Xylene, total	10	<10			
Trichlorofluoromethane	5	<5			
Detection Limit Multiplier		1			
DCE surrogate, % recovery		105			
TOL surrogate, % recovery		113			
BFB surrogate, % recovery		96.2			

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

APPENDIX G

CALIFORNIA ASSESSMENT METALS, STLC AND TTLC, LABORATORY REPORTS

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS

CAM List of Metals in Soil (TTLC)_a

GTEL Sample Number			08	09	10	11
Client Identification			WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled			11/30/94	11/30/94	11/30/94	11/30/94
Date Prepared (Method 3055 ^b)			12/07/94	12/07/94	12/07/94	12/07/94
Date Analyzed (Method 6010)			12/08/94	12/08/94	12/08/94	12/08/94
Date Analyzed (Method 7060)			12/08/94	12/08/94	12/08/94	12/08/94
Date Prepared and Analyzed (Method 7470)			12/07/94	12/07/94	12/07/94	12/07/94
Analyte	EPA Method ^a	Detection Limit, mg/Kg	Concentration, mg/Kg			
Antimony	EPA 6010 ^c	5	<5	<5	<5	<5
Arsenic	EPA 7060 ^d	0.5	5.5	6.3	2.5	4.0
Barium	EPA 6010 ^c	1	150	180	55	100
Beryllium	EPA 6010 ^c	0.5	0.6	<0.5	<0.5	<0.5
Cadmium	EPA 6010 ^c	0.5	<0.5	<0.5	<0.5	<0.5
Chromium, total	EPA 6010 ^c	1	30	62	38	92
Cobalt	EPA 6010 ^c	1	9	15	8	19
Copper	EPA 6010 ^c	1	28	27	11	17
Lead	EPA 6010 ^c	5	8	9	<5	6
Mercury	EPA 7470 ^e	0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	EPA 6010 ^c	1	1	1	<1	<1
Nickel	EPA 6010 ^c	2	41	90	59	100
Selenium	EPA 6010 ^c	5	<5	<5	<5	<5
Silver	EPA 6010 ^c	1	<1	<1	<1	<1
Thallium	EPA 6010 ^d	5	<5	<5	<5	<5
Vanadium	EPA 6010 ^c	1	32	35	22	44
Zinc	EPA 6010 ^c	5	58	56	34	35
Detection Limit Multiplier			1	1	1	1

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1988. Results reported on a wet weight basis.
- b. Draft EPA method 3055 SW-846 Third Addition Revision 1 Sept. 1991.
- c. Inductively Coupled Argon Plasma (ICP).
- d. Graphite Furnace Atomic Absorption (GFAA).
- e. Cold Vapor Atomic Absorption (CVAA).

Client Number: 020200025
 Project ID: Sears #1528
 Northgate Mall San Rafael
 Work Order Number: C4-12-0011

ANALYTICAL RESULTS
CAM List of Metals in Soil (TTLC)_a

GTEL Sample Number	12	13	14	120794 MET		
Client Identification	NO-2/4	NO/C	NO-3/5	METHOD BLANK		
Date Sampled	11/30/94	11/30/94	11/30/94	-		
Date Prepared (Method 3055 ^b)	12/07/94	12/07/94	12/07/94	12/07/94		
Date Analyzed (Method 6010)	12/08/94	12/08/94	12/08/94	12/08/94		
Date Analyzed (Method 7060)	12/08/94	12/08/94	12/08/94	12/08/94		
Date Prepared and Analyzed (Method 7470)	12/07/94	12/07/94	12/07/94	12/07/94		
Analyte	EPA Method ^a	Detection Limit, mg/Kg	Concentration, mg/Kg			
Antimony	EPA 6010 ^c	5	<5	<5	<5	<5
Arsenic	EPA 7060 ^d	0.5	9.3	6.2	7.5	<0.5
Barium	EPA 6010 ^c	1	130	120	170	<1
Beryllium	EPA 6010 ^c	0.5	<0.5	<0.5	0.6	<0.5
Cadmium	EPA 6010 ^c	0.5	<0.5	<0.5	<0.5	<0.5
Chromium, total	EPA 6010 ^c	1	68	51	210	<1
Cobalt	EPA 6010 ^c	1	16	11	21	<1
Copper	EPA 6010 ^c	1	47	42	35	<1
Lead	EPA 6010 ^c	5	6	6	8	<5
Mercury	EPA 7470 ^e	0.1	0.1	0.1	0.1	<0.1
Molybdenum	EPA 6010 ^c	1	1	<1	1	<1
Nickel	EPA 6010 ^c	2	110	85	180	<2
Selenium	EPA 6010 ^c	5	<5	<5	<5	<5
Silver	EPA 6010 ^c	1	<1	<1	<1	<1
Thallium	EPA 6010 ^d	5	<5	<5	<5	<5
Vanadium	EPA 6010 ^c	1	44	40	46	<1
Zinc	EPA 6010 ^c	5	69	80	70	<5
Detection Limit Multiplier			1	1	1	1

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Results reported on a wet weight basis.
 b. Draft EPA method 3055 SW-846 Third Addition Revision 1 Sept. 1991.
 c. Inductively Coupled Argon Plasma (ICP).
 d. Graphite Furnace Atomic Absorption (GFAA).
 e. Cold Vapor Atomic Absorption (CVAA).

APPENDIX H
CHAIN OF CUSTODY FORMS



4080 MIKE LAINE, SUITE C
CONCORD, CA 94520
(510) 685-7852
(800) 423-7143

**CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST**

33111

Revised # 30200

ANALYSIS REQUEST

OTHER

Company Name: **GTL** Phone #: _____
 Company Address: **Santa Lake City office** FAX #: _____
 Site Location: **Northgate Mall San Rafael**
 Client Project ID: **080200025**
 Project Manager: **Eileen Brennan** (NAME) **SAWS # 1528** (DOB) **081839**
 Sampler Name (Print): **Terry James**

Field Sample ID	GTEL Lab # (Lab Use only)	# CONTAINERS	Matrix				Method Preserved				Sampling	
			WATER	AIR	SLUDGE	PRODUCT	OTHER	HCl	H ₂ SO ₄	ICR	OTHER	DATE
ATW-1/3	01	1	X						X	X	11/30	10:41
ATW-2/3	02										10:59	
BTW-1/3	03										11:05	
BTW-2/3	04										11:09	
MT-3/3	05										11:18	
MT-4/4	06										11:27	
MT-5/4	07										11:37	
WO-1/2	08										12:15	
WO-C	09										12:30	
WO-2/4	10										12:30	
NO-1/2	11										12:40	

SPECIAL DETECTION LIMITS

Special Handling: **Sperry/Carroll**
 GTEL Contact: _____
 Order/Contract #: _____
 Confirmation #: _____
 P.O. #: _____

QA/QC Level: **Standards**
 Other: _____

CUSTOMY RECORD

Relinquished by Sampler: *[Signature]*
 Relinquished by: _____
 Relinquished by: _____

BTX Gas Hydrocarbons PID	Hydrocarbons GC FID Gas	Hydrocarbon Profile (SMDS)	Oil and Grease (13.1, 13.2, SM-503)	TPH (18.1, 50.1, 50.2)	EDS (50.1, DSCP, 50.2)	EPA 503.1, EPA 502.2	EPA 501, EPA 501.0	EPA 602, EPA 602.0	EPA 608, 8080, PCBs	EPA 623 PPL (82.0 TAL, 83.1-8)	EPA 623 PPL (82.0 TAL, 83.1-28)	EPA 610 (8310)	EP TOX Metals (Pesticides, Herbicides)	TCLP Metals (VOA, Sem, OA, Pab, Herb)	EPA Metals (Pb, Cd, Cu, Ni, Cr, Mn, Hg)	Cadmium (TLC, STC)	Lead 239.2 (200, 207, 210, 212, 210, 210)	Organic Lead	Corrosivity (Pass, Reacting)
X	X	X	X	X	X												X		

REMARKS:
 All samples for BTX/GAS, GAS & Diesel
 418.1 - 24 HOUR RUSH. All other Analysis
 STD. TAT.

Lab Use Only Lot #: _____ Storage Location: _____

Work Order #: **C4110454-24 HR RUSH**

Received by: _____ Date: **12/16/16** Time: **16:14**

Received by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Waybill #: _____



ALUMINUM, IRON, LEAD, SILICA
CONCORD, CA 94520
(510) 685-7852
(800) 423-7143

Company Name: **GTel**
 Phone: 510 685 9148
 Company Address: **4657 Port Chicasadero**
 Site Location: **9000 Northway**
San Rafael CA
 Project Manager: **Eileen Burman**
 Client Project ID: (M) **02-020005**
 (NAME) **SEAM 152B**
 Sampler Name (Print): **EFM JAMES**

I attest that the proper field sampling procedures were used during the collection of these samples.

Field Sample ID	GTEL Lab # (Lab Use only)	# CONTAINERS	Matrix			Method Preserved			Sampling						
			WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	HCl	HNO3	H2SO4	ICE	USE REFRIGERATED	OTHER (Specify)	DATE
N03/4	12	1	1											11/20	12:25
N01/2	13	1	1											12/25	12:25
N03/5	14	1	1											12/25	12:25

TAT 50%
 Priority (24 hr) _____
 Expedited (48 hr) _____
 Business Days _____
 Other _____
 P.O. # _____

SPECIAL DETECTION LIMITS
 CORRECTIONS OK
 SIGN _____
 date (X) _____

Special Handling _____
 GTEL Contact _____
 Quote/Contract # _____
 Confirmation # _____
 P.O. # _____

SPECIAL REPORTING REQUIREMENTS
 FAX# _____

Relinquished by Sampler: **[Signature]**
 Relinquished by: **Boen webel**
 Relinquished by: _____

Patn Time: 11/30/94 | 13:00
 Date Time: 11/30/94 | 15:20
 Date Time: _____ | _____

Received by: **Boen webel**
 Received by: _____
 Received by Laboratory: _____
 Waybill # _____

Work Order #: **C4110454**
 Storage Location: _____
 2 OF 2

CUSTODY RECORD

UTAH-UT-CUS STUDY RECORD AND ANALYSIS REQUEST

ANALYSIS REQUEST

<input type="checkbox"/>	BTX/PAHs Hydrocarbons PIV/PAH with MTBE	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	BTX/PAHs Hydrocarbons PIV/PAH with MTBE	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Hydrocarbons GC/FID Gas or Diesel Screen	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Hydrocarbon Profile (SIMDIS)	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Oil and Grease 413.1 <input type="checkbox"/> 413.2 <input type="checkbox"/> SM-503	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	TPH/AR 418.1 <input checked="" type="checkbox"/> SM 503	<input checked="" type="checkbox"/>
<input type="checkbox"/>	EDB by 504 <input type="checkbox"/> DBCP by 504	<input type="checkbox"/>
<input type="checkbox"/>	EPA 503.1 <input type="checkbox"/> EPA 502.2	<input type="checkbox"/>
<input type="checkbox"/>	EPA 601 <input type="checkbox"/> EPA 8010	<input type="checkbox"/>
<input type="checkbox"/>	EPA 602 <input type="checkbox"/> EPA 8020	<input type="checkbox"/>
<input type="checkbox"/>	EPA 608 <input type="checkbox"/> 8080 <input type="checkbox"/> PCB only	<input type="checkbox"/>
<input checked="" type="checkbox"/>	EPA 624/PPL <input checked="" type="checkbox"/> 8240/TAL <input checked="" type="checkbox"/> NBS (+15)	<input checked="" type="checkbox"/>
<input type="checkbox"/>	EPA 625/PPL <input type="checkbox"/> 8270/TAL <input type="checkbox"/> NBS (+25)	<input type="checkbox"/>
<input type="checkbox"/>	EPA 610 <input type="checkbox"/> 8310	<input type="checkbox"/>
<input type="checkbox"/>	EP TOX Metals <input type="checkbox"/> Pesticides <input type="checkbox"/> Herbicides	<input type="checkbox"/>
<input type="checkbox"/>	TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> Sam-VOA <input type="checkbox"/> Part <input type="checkbox"/> Hard	<input type="checkbox"/>
<input type="checkbox"/>	EPA Metals - Priority Pollutant <input type="checkbox"/> TAL <input type="checkbox"/> RCRA	<input type="checkbox"/>
<input type="checkbox"/>	CAM Metals TLIC <input checked="" type="checkbox"/> STIC	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Lead 239.2 <input type="checkbox"/> 200.7 <input type="checkbox"/> 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> 6010	<input type="checkbox"/>
<input type="checkbox"/>	Organic Lead	<input type="checkbox"/>
<input type="checkbox"/>	Corrosivity <input type="checkbox"/> Flash Point <input type="checkbox"/> Reactivity	<input type="checkbox"/>

REMARKS: **NO VOC AT TAT 50% - 2-Substrate**
TPH-6 8015 modified
BTX 8020

OTHER



4080 PIKE LANE, SUITE C
CONCORD, CA 94520
(510) 685-7852
(800) 423-7143

CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST

33582

Company Name: Groundwater Tech
 Phone #: 510 671-2387
 Company Address: 4057 Port Chicago Hwy
 Site Location: 9000 Northgate
 Project Manager: Erven Brennan
 Client Project ID: (#) 02000025
 Sampler Name (Print): Terry James
 (NAME) Sears 1528

Field Sample ID	GTEL Lab # (Lab Use only)	# CONTAINERS	Matrix				Method Preserved				Sampling		
			WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	HCl	HNO3	H2SO4	ICE	DATE
MT1/3	01	1	X							X		12/1	10:45
MT6/3	02	1										10:55	
IA1/2	03	1										11:05	
IA2/2	04	1										11:10	
IB1/2	05	1										11:20	
IB2/2	06	1										11:30	
BT1/3	07	1										10:05	
BT2/3	08	1										10:15	
AT1/3	09	1										10:30	
AT2/4	10	1										10:40	

TAT Priority (24 hr)
 Expedited (48 hr)
 7 Business Days
 Other Business Days

Special Handling
 GTEL Contact _____
 Quoter/Contract # _____
 Confirmation # _____
 PO # _____

QA/QC Level
 Other _____

Analysis Request	Other
<input type="checkbox"/> BTEX/Gas Hydrocarbons PID/FID with MTBE	<input type="checkbox"/>
<input type="checkbox"/> BTEX 602 with MTBE	<input type="checkbox"/>
<input type="checkbox"/> Hydrocarbons GC/FID Gas Diesel Screen	<input type="checkbox"/>
<input type="checkbox"/> Hydrocarbon Profile (SIMDIS)	<input type="checkbox"/>
<input type="checkbox"/> Oil and Grease 413.1 413.2 SM-503	<input type="checkbox"/>
<input type="checkbox"/> TPH:IR 418.1 SM 503	<input type="checkbox"/>
<input type="checkbox"/> EDB by 504 DBCP by 504	<input type="checkbox"/>
<input type="checkbox"/> EPA 503.1 EPA 502.2	<input type="checkbox"/>
<input type="checkbox"/> EPA 601 EPA 8010	<input type="checkbox"/>
<input type="checkbox"/> EPA 602 EPA 8020	<input type="checkbox"/>
<input type="checkbox"/> EPA 608 8080 PCB only	<input type="checkbox"/>
<input type="checkbox"/> EPA 624/PPL 8240/TAL NBS (-15)	<input type="checkbox"/>
<input type="checkbox"/> EPA 625/PPL 8270/TAL NBS (-25)	<input type="checkbox"/>
<input type="checkbox"/> EPA 610 8310	<input type="checkbox"/>
<input type="checkbox"/> EP TOX Metals Pesticides Herbicides	<input type="checkbox"/>
<input type="checkbox"/> TCP Metals VOA Semi-VOA Pest Herb	<input type="checkbox"/>
<input type="checkbox"/> EPA Metals Priority Pollutant TAL RCRA	<input type="checkbox"/>
<input type="checkbox"/> CAM Metals TLOC STLC	<input type="checkbox"/>
<input type="checkbox"/> Lead 239.2 200.7 7420 7421 6010	<input type="checkbox"/>
<input type="checkbox"/> Organic Lead	<input type="checkbox"/>
<input type="checkbox"/> Corrosivity Flash Point Reactivity	<input type="checkbox"/>

REMARKS: BTEX/TPH-6-2015 Modified
Level 8020 24hr TAT
Level 510

SPECIAL DETECTION LIMITS

SPECIAL REPORTING REQUIREMENTS
 Lab Use Only Lot #: C4120018
 Storage Location
 Work Order #: C4120017-24hr

Received by: John Weber
 Date: 12/1/94 Time: 17:09
 Received by: _____
 Date: 12/1/94 Time: 14:10
 Received by Laboratory: _____
 Waybill #: XXXXXXXXXX

Relinquished by Sampler: Terry James
 Relinquished by: John Weber
 Relinquished by: _____

CUSTODY RECORD

Client Number: 020200025
Project ID: Sears #1528
Northgate Mall San Rafael
Work Order Number: C4-12-0011



Northwest Region
4080-C Pike Lane
Concord, CA 94520
(510) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California
(510) 825-0720 (FAX)

December 13, 1994

Eileen Brennan
Groundwater Technology, Inc.
275 South Temple, Suite 321
Salt Lake City, UT 84111

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 12/01/94, under chain of custody record 33111 and 33113.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes. This report is to be reproduced only in full.

GTEL is certified by the California State Department of Health Services, Laboratory certification number E1075, to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Rashmi Shah
Laboratory Director



Northwest Region
4080-C Pike Lane
Concord, CA 94520
(510) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California
(510) 825-0720 (FAX)

Client Number: 020200025
Project ID: Sears 1528
9000 Northgate
San Rafael, CA
Work Order Number: C4-11-0454

December 6, 1994

Eileen Brennan
Groundwater Technology, Inc.
275 South Temple, Suite 321
Salt Lake City, UT 84111

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 11/30/94, under chain of custody records 30200 and 33586.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes. This report is to be reproduced only in full.

GTEL is certified by the California State Department of Health Services, Laboratory certification number E1075, to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Rashmi Shah
Laboratory Director

Post-It™ brand fax transmittal memo 7571 # of pages ▶

To	From
Co.	Co.
Dept.	Phone #
Fax #	Fax #

Handwritten: pat



Western Region
4080 Price Lane, Suite C
Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
FAX (510) 825-0720

Client Number: 000000005
Project ID: 0000 1000
0000 10000000
San Rafael
Work Order Number: 04-12-0010

December 13, 1994

Eileen Brennan
Groundwater Technology, Inc.
275 South Temple, Suite 321
Salt Lake City, UT 84111

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 12/01/94, under chain of custody record 33582.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes. This report is to be reproduced only in full.

GTEL is certified by the California State Department of Health Services, Laboratory certification number E1075, to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Rashmi Shah
for
Rashmi Shah
Laboratory Director

Post-it® Fax Note	7671	Date	12/16	# of pages	3
To	PAT MCCONNELL		From	EBRENNAN	
Co./Dept.			Co.		
Phone #			Phone #		
Fax #			Fax #		



Western Region
4080 Pike Lane, Suite C
Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
FAX (510) 825-0720

Client Number: 020200025
Project ID: Sears 1528
9000 Northgate
San Rafael
Work Order Number: CA-12-0018

December 13, 1994

Eileen Brennan
Groundwater Technology, Inc.
275 South Temple, Suite 321
Salt Lake City, UT 84111

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 12/01/94, under chain of custody record 33582.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes. This report is to be reproduced only in full.

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If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Rashmi Shah
for
Rashmi Shah
Laboratory Director

WO - waste oil samples
NO - gasoline samples

1528(6)
BOF



DAMES & MOORE

A DAMES & MOORE GROUP COMPANY

**Hydraulic Lift Removal,
Assessment, and Site Remediation
Activities**

**Sears Store #1528
9000 Northgate Drive
San Rafael, California**

Prepared for :

**Sears, Roebuck and Co.
Job No. 00188-166-043
February 7, 1997**

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**HYDRAULIC LIFT REMOVAL,
ASSESSMENT, AND SITE REMEDIATION ACTIVITIES
SEARS STORE #1528
9000 Northgate Drive
San Rafael, California**

**Prepared For:
Sears, Roebuck and Co.
D&M Job No. 00188-166-043
February 7, 1997**

1.0 INTRODUCTION

This report presents the results of Dames & Moore's environmental oversight related to the removal of three hydraulic lifts at the Automotive Center of Sears Store #1528 located at 9000 Northgate Drive in San Rafael, California (Figure 1). The environmental oversight was conducted for Sears, Roebuck and Co. (Sears) in accordance with Dames & Moore's Request for Authorization dated February 5, 1996. Lift removals were performed as part of a Site remodel. Field activities were performed on March 7, 1996. Following field and disposal activities, Dames & Moore prepared this report outlining the field procedures used, laboratory analytical results, and remedial measures performed at the Site.

2.0 SITE DESCRIPTION

2.1 SITE FEATURES

Sears Store #1528 is located at the southwestern end of the Northgate Mall in San Rafael, California. The Automotive Center (Site) is a two-story building that houses a service counter and display area, and a garage area on the first floor with 19 service bays for automotive service and maintenance. The second floor contains an employee break room, bathrooms and lockers, and a large storage area. For purposes of this remodel, Lifts 1, 2, and 3 needed to be removed. These bays were located in the southwest corner of the Automobile Center (Figure 2). Lifts 1, 2, and 3 were single-post lifts. Photographs of the field activities are provided in Appendix A.

2.2 LOCAL HYDROGEOLOGY

The assumed local groundwater flow direction, based on surface topography, is to the north towards Santa Margarita Valley. Regionally, groundwater is assumed to flow northeast toward Gallinas Creek and San Francisco Bay. United States Geologic Survey Professional Paper 943, titled Flatland Deposits-Their Geology and Engineering Importance to Comprehensive Planning (Halley and LaJoie, 1979), indicates that the Site is underlain by bedrock. Bedrock in the San Rafael area consists of a complex assemblage of sedimentary, igneous, and metamorphic rocks of Jurassic and Cretaceous age.

3.0 FIELD ACTIVITIES

3.1 WORK PARAMETERS DETERMINATION

In accordance with California State Senate Bill SB 1191, hydraulic lift tanks are exempt from underground storage tank regulations with regards to operating permits and associated reporting requirements. Any releases to the environment, however, must be remediated to the extent that there is no significant adverse effect to human health or the environment. Currently, the State of California does not have strict cleanup standards for hydraulic oils in soil. Cleanup guidance criteria are normally provided by the Regional Water Quality Control Boards (RWQCB) and/or local oversight agencies. The RWQCB-recommended cleanup criteria for petroleum hydrocarbons in soil is generally 100 milligrams per kilogram (mg/kg) for total petroleum hydrocarbons (TPH) as gasoline and 1,000 mg/kg for TPH as oil. Active cleanup is typically required of soils impacted by volatile and semi-volatile hydrocarbon compounds if concentrations exceed about 10 times the equivalent Maximum Contaminant Level (MCL) concentrations for drinking water listed in Title 22 of the California Code of Regulations. Additional guidance for cleanup criteria of individual hydrocarbon compounds is provided by the US EPA Region 9 Preliminary Remedial Goals (PRGs) and Soil Screening Levels.

In accordance with the above criteria, Dames & Moore collected samples for hydrocarbon analysis during the lift removal process. Soil samples were initially analyzed for TPH by a Hydrocarbon Semi-Quantitative Fuel Scan [C4-C12 (gasoline range), C13-C22 (diesel range), and C23+(oil range)] using modified EPA Method 8015. If concentrations exceeded 100 mg/kg, then the soil sample with the highest TPH value was also analyzed for semi-volatile organic compounds (SVOCs) by EPA Method 8270, volatile organic compounds (VOCs) by EPA Method 8240, and polychlorinated biphenyls (PCBs) by EPA Method 8080. Remedial excavation would be implemented if concentrations exceeded the guidance criteria stated above.

3.2 INITIAL SOILS ASSESSMENT

As part of the field activities, Dames & Moore field personnel were required to review and sign a Health and Safety Plan (HSP) that was prepared for the Site. The HSP was prepared to aid in the safe handling of materials potentially containing elevated levels of chemicals. During the investigation, requirements of the HSP were met, including daily site safety briefings.

Prior to the startup of Dames & Moore's field activities, Walker Hydraulic (Contractor) cut and removed the concrete slab around each of the lifts. The lifts did not have associated hydraulic lines. Following removal of the concrete slabs and hydraulic lifts, Dames & Moore personnel collected soil samples from three locations at the lift cylinders: one at the surface, one at three feet below ground surface (bgs), and one at the base of the post (approximately seven feet bgs). However, a sample was not collected at the 3-foot depth at Lift 1.

All samples up to 7 feet bgs were collected using a hand auger. Sample material was placed into 4-ounce jars supplied by the analytical laboratory and sealed with Teflon-lined lids. Sample collection was performed following strict environmental protocol to avoid cross-contamination. Soils observed during sample collection consisted of sandy fill materials immediately around the lifts. Native soils beyond the fill material are primarily silt and clay.

Soil samples were submitted to an onsite mobile laboratory and analyzed for total petroleum hydrocarbons as gasoline (TPH-g; C4-C12), as diesel (TPH-d; C13-C22), and as hydraulic oil (TPH-h; C23+) by modified EPA Method 8015. The samples collected from three feet bgs were held pending analysis of surface samples. Results of the sample analyses indicated the following:

- TPH-g and TPH-d were not detected in any of the samples.

Lift 1:

- TPH-h was detected at 87 mg/kg in the surface sample at Lift 1 and at 320 mg/kg in the 7-foot sample.

Lift 2:

- TPH-h was detected at 5,500 mg/kg in the surface sample at Lift 2, at 270 mg/kg in the 3-foot sample, and at 220 mg/kg in the 7-foot sample.

Lift 3:

- TPH-d was detected at 11,000 mg/kg in the surface sample at Lift 3, at 43 mg/kg in the 3-foot sample, and at 830 mg/kg in the 7-foot sample.

In general accordance with the Work Parameters Determination (Section 3.1), one of the samples with the highest concentration of hydraulic oil, in this case the surface sample from Lift 2 (5,500 mg/kg TPH-h), was also analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and polychlorinated biphenyls (PCBs), by EPA Methods 8240, 8270, and 8080, respectively. Analytical results showed no detectable VOCs, but did indicate detection of 0.48 mg/kg PCB aroclor 1260 and 2.5 mg/kg of the SVOC bis (2-ethylhexyl) phthalate. Results of soil sample analyses are listed in Table 1, and laboratory reports are included as Appendix B.

In summary, results of the initial soils assessment indicated that a number of soil samples exceeded the cleanup guidance criteria for hydraulic oil (1,000 mg/kg) as outlined in the Work Parameters Determination (Section 3.1). These sample areas included the Lift 2 and 3 cylinder areas.

3.3 HYDRAULIC LIFT REMOVAL AND REMEDIAL ACTION

Following the initial soils assessment, the hydraulic lifts were removed and a remedial excavation was performed in areas where hydrocarbon concentrations exceeded the cleanup criteria. The cylinders from Lifts 1, 2, and 3 were completely removed on March 7, 1996, prior to the remedial excavation. Impacted soils were excavated on March 7, 1996. Soils containing concentrations of hydraulic oil above 1,000 mg/kg were excavated from around Lifts 2 and 3. Because analytical results from the 3-foot samples at Lifts 2 and 3 were below cleanup guidance levels, additional confirmatory samples were not collected by Dames & Moore from the excavation.

A summary of remediation activities by lift is provided below.

Lift 2

The Lift 2 cylinder area was excavated to a depth of 3 feet bgs. TPH-h was detected at 270 mg/kg (below the 1,000 mg/kg cleanup guidance) in the 3-foot sample collected during the prior soils assessment at Lift 2.

Lift 3

The Lift 3 cylinder area was excavated to a depth of 3 feet bgs. TPH-h was detected at 43 mg/kg (below the 1,000 mg/kg cleanup guidance) in the 3-foot sample collected during the prior soils assessment at Lift 2.

Excavated soil was stored on, and covered by, plastic sheeting in the Sears Automotive Center parking lot. Following excavation activities, the areas were backfilled with clean, imported soil and resurfaced with concrete.

3.4 WASTE MANAGEMENT

Excavated material from Lifts 1, 2, and 3 were stored on, and covered by, plastic sheeting in the Sears Automotive Center parking lot. One small stockpile was created during the soil excavation. On March 7, 1996, a Dames & Moore representative collected four soil samples from the stockpile. The four samples were composited by the onsite mobile laboratory and the four-point composite sample was analyzed for total recoverable petroleum hydrocarbons (TRPH) by EPA Method 418.1, and for metals by EPA Method 6010. Analytical results indicated 1,500 mg/kg of TRPH, 43 mg/kg of chromium, 57 mg/kg of nickel, and 33 mg/kg of zinc. On the basis of these results, the soil (approximately one cubic yard) was transported as non-hazardous waste to Remedial Environmental Marketing Company (REMCO) in Richmond, California, for thermal treatment and recycling as road base. A copy of the Non-Hazardous Waste Manifest is included in Appendix C.

Hydraulic oil associated with the lifts was drained from the equipment and stored in 55-gallon drums. The hydraulic oil was managed as recyclable waste by Sears Automotive Center personnel.

4.0 SUMMARY AND CONCLUSIONS

A total of three hydraulic lifts (Lifts 1, 2, and 3) were removed from the Automotive Center at Sears Store #1528. The three lifts were single-post lifts. Results of an initial soils assessment indicated that hydraulic oil concentrations exceeded cleanup guidance criteria (1,000 mg/kg) within certain areas. On the basis of these results, soils beneath Lifts 2 and 3 were overexcavated to a depth of 3 feet bgs.

Surface piping, supports, and associated equipment were removed from each of the three lifts. Hydraulic oil associated with the lifts was drained from the equipment and stored in 55-gallon drums.

Soil surrounding the lifts was excavated as needed to remove the lifts and stockpiled on site. The casings and surrounding excavations were backfilled with imported fill and resurfaced with concrete.

Approximately one cubic yard of excavated soil impacted with petroleum hydrocarbons were transported as non-hazardous waste to Remedial Environmental Marketing Company (REMCO) in Richmond, California, for thermal treatment and recycling as road base. The hydraulic oil was managed as recyclable waste by Sears Automotive Center personnel.

On the basis of State and Federal regulations governing hydraulic oil contamination in soils, it is Dames & Moore's opinion that subsurface soils surrounding the former Lifts 1, 2, and 3 (removed during this remodel) have been remediated to environmentally acceptable conditions.

5.0 LIMITATIONS

The conclusions presented in this report are professional opinions based solely upon visual observations of the Site and our interpretation of the analytical data obtained. They are intended for the purpose outlined herein and at the Site location and project indicated. This report is for the sole use of Sears. The scope of the services performed in the execution of this investigation may not be appropriate to satisfy the needs of other users, and any re-use of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of the said user.

It should be recognized that this study was not intended to be a definitive investigation of contamination of the subject property, but is limited to the scope of hydraulic lift removal stated in this report. Opinions and conclusions presented herein apply to Site conditions existing at the time of the investigation. They cannot necessarily apply to changes at the Site of which this office is not aware and has not had the opportunity to evaluate. This report is intended for the use in its entirety; no excerpt may be taken to be representative of the findings of this investigation.

-000-

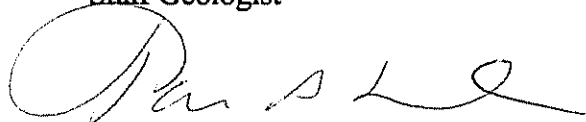
Please feel free to contact us if you have questions or require further assistance.

Respectfully submitted,

DAMES & MOORE

A handwritten signature in cursive script, appearing to read "Melissa Swartz".

Melissa Swartz
Staff Geologist

A handwritten signature in cursive script, appearing to read "Taras B. Kruk".

Taras B. Kruk, R.G.
Senior Geologist
Project Manager

Table 1
Soil Analytical Results
Former Sears Site #1528
San Rafael, California

Sample Location	Sample I.D.	Sample Depth (ft)	Sample Date	Notes	LABORATORY ANALYTICAL RESULTS*															
					TOTAL PETROLEUM HYDROCARBONS				AROMATIC HYDROCARBONS				PCBs	SVOCs	Metals					
					TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-h (mg/kg)	TRPH (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Aroclor 1260 (mg/kg)	bis-phthalate (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)	
1	1-0	0	3/7/96	2	< 200	< 200	87	--	--	--	--	--	--	--	--	--	--	--	--	
1	1-7	7	3/7/96	2	< 200	< 200	320	--	--	--	--	--	--	--	--	--	--	--	--	--
2	2-0	0	3/7/96	1,4	< 200	< 200	5,500	--	< 0.03	< 0.03	< 0.03	< 0.1	0.48	2.5	--	--	--	--	--	--
2	2-3	3	3/7/96	2	< 200	< 200	270	--	--	--	--	--	--	--	--	--	--	--	--	--
2	2-7	7	3/7/96	2	< 200	< 200	220	--	--	--	--	--	--	--	--	--	--	--	--	--
3	3-0	0	3/7/96	1	< 200	< 200	11,000	--	--	--	--	--	--	--	--	--	--	--	--	--
3	3-3	3	3/7/96	2	< 200	< 200	43	--	--	--	--	--	--	--	--	--	--	--	--	--
3	3-7	7	3/7/96	2	< 200	< 200	830	--	--	--	--	--	--	--	--	--	--	--	--	--
SP	SP-1	--	3/7/96	5	--	--	--	1500	--	--	--	--	--	--	--	--	--	--	--	--
Explanation / Notes:					<ul style="list-style-type: none"> * = Only detected compounds within the Bay Area sites are listed 1. = Surrounding soils excavated and removed offsite. 2. = Sample of soils remaining in place. 3. = No Sample Recovery 4. = Duplicate sample analysis. 5. = Four point composite stockpile sample <ul style="list-style-type: none"> < = Analytical result less than the detection limit indicated. -- = Either not sampled and/or not tested for given parameter TPH-g = Total Petroleum Hydrocarbons as gasoline by EPA Method 8015 (modified) TPH-d = Total Petroleum Hydrocarbons as diesel by EPA Method 8015 (modified) TPH-h = Total Petroleum Hydrocarbons as hydraulic fluid by EPA Method 8015 (modified) TRPH = Total Recoverable Petroleum Hydrocarbons by EPA Method 418.1 BTEX = Volatile aromatic constituents Benzene, Toluene, Ethylbenzene, and Xylenes by EPA Method 8020 or 8240 Aroclor 1260 = polychlorinated biphenyl (PCB) by EPA Method 8080 Metals analyzed by EPA Method 6010 bis-phthalate = bis(2ethylhexyl)phthalate by EPA Method 8270 															

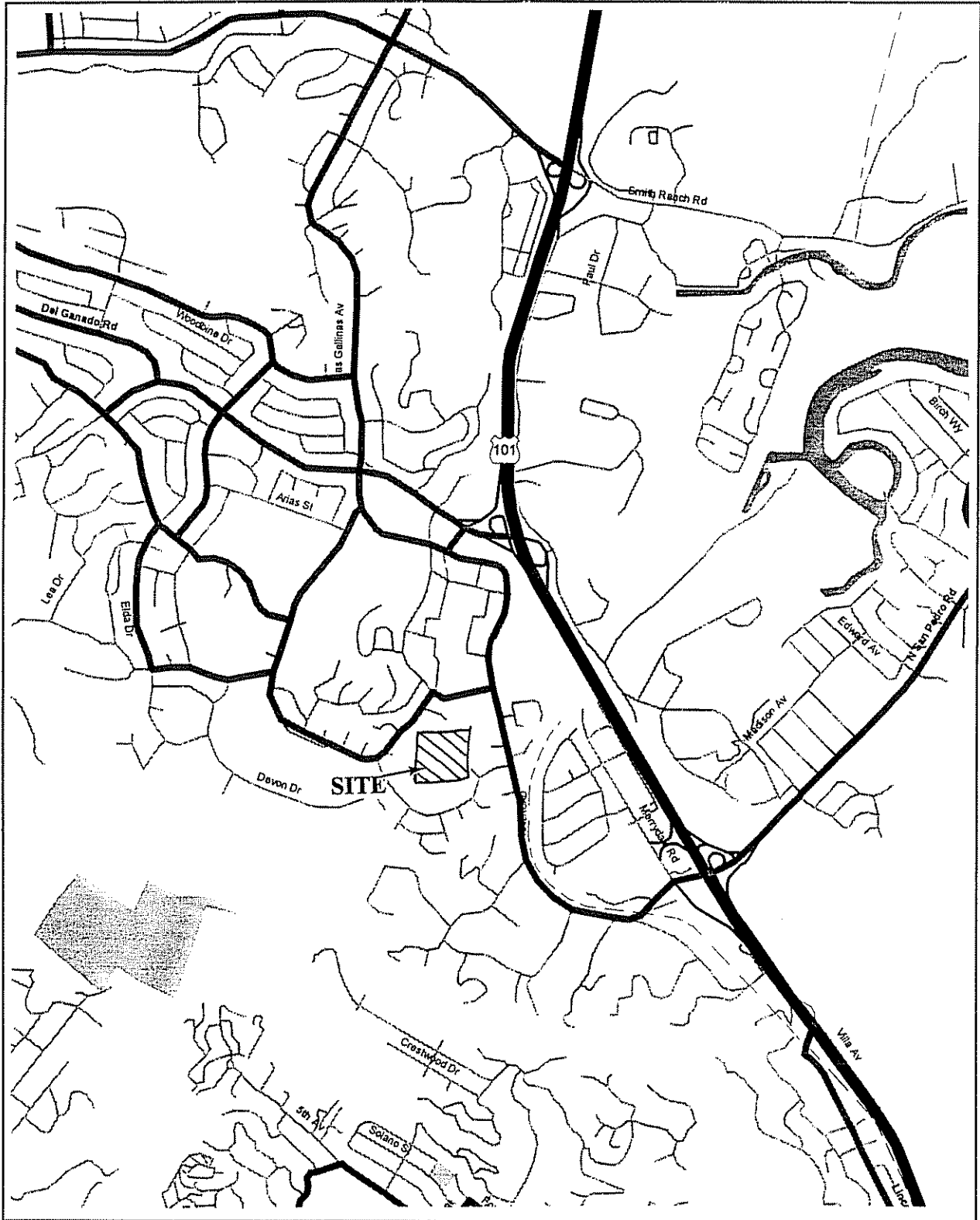
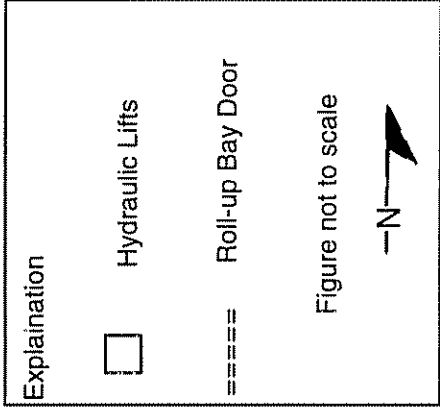
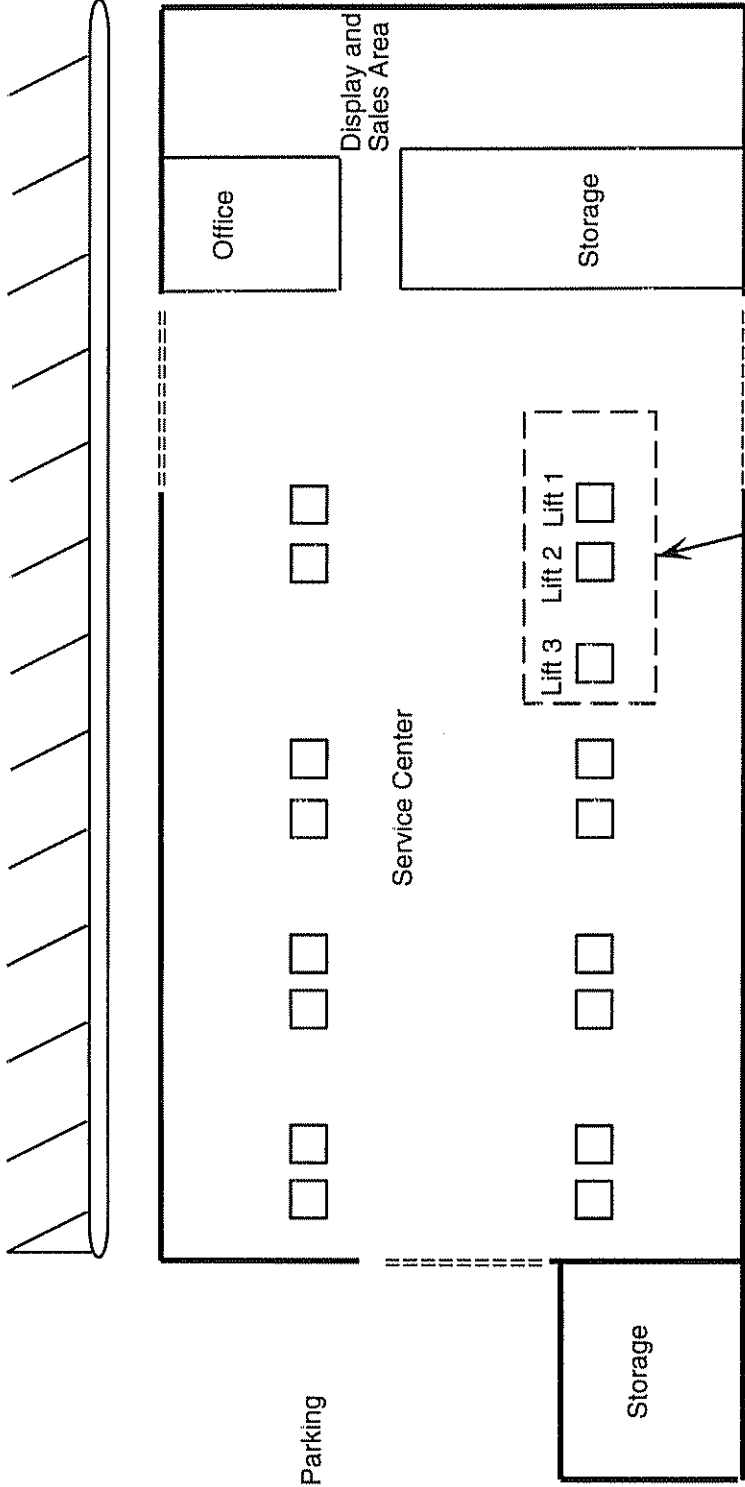


Figure 1
SITE VICINITY MAP
 Sears Automotive Center #1528
 San Rafael, CA



DAMES & MOORE

Parking

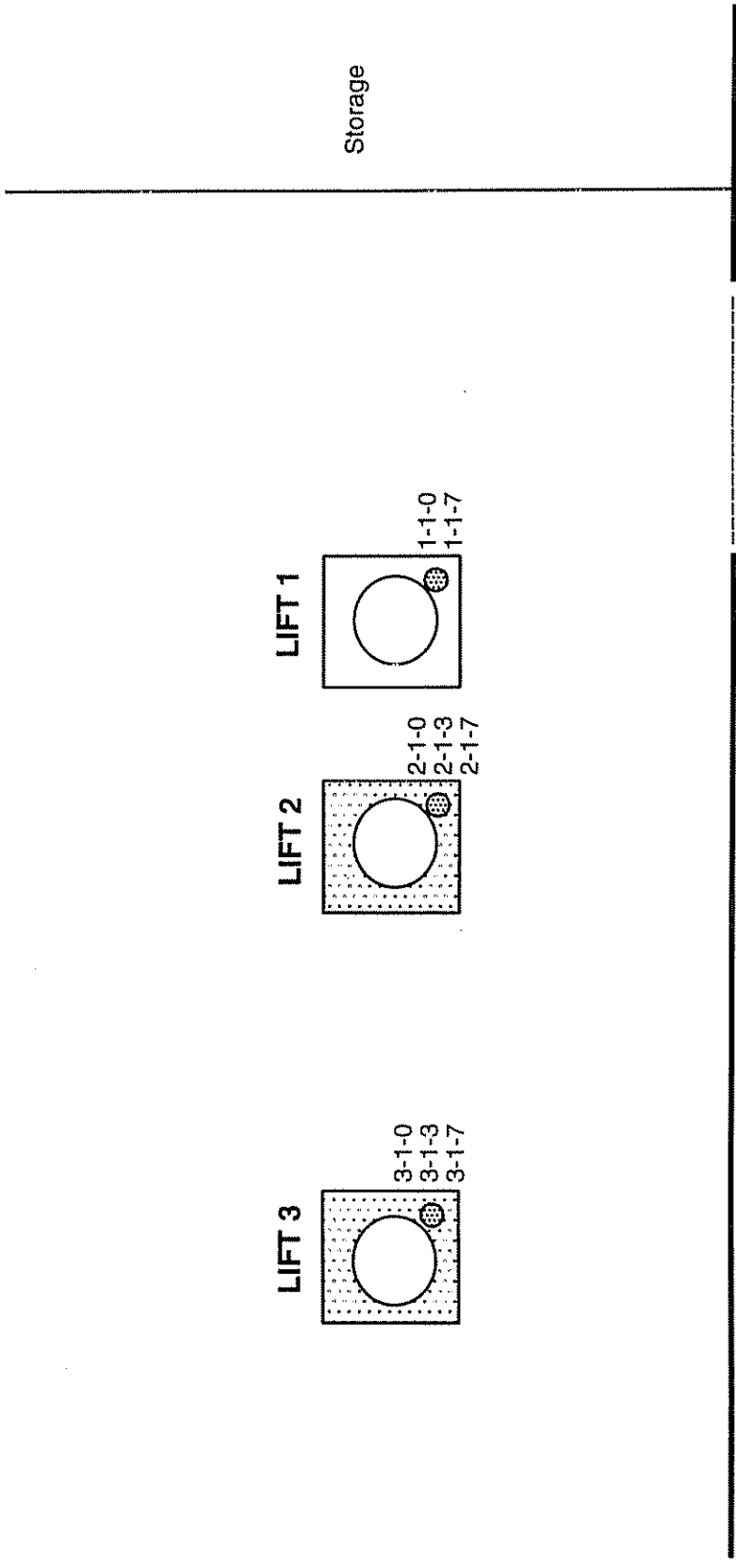


See Figure 3 for discreet sampling locations







Site Plan

Dec 1996
 00188-166-043

Sears, Roebuck & Company
 Sears Automotive Center #1528
 San Rafael, California



Explanation

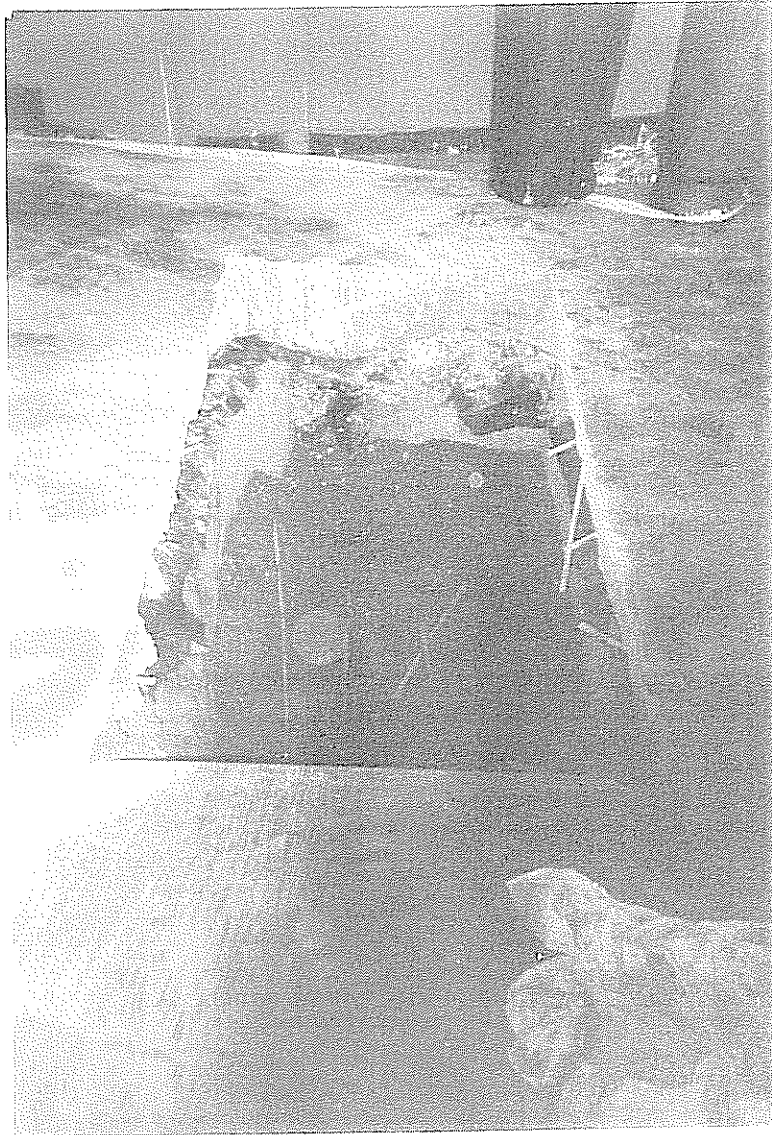
-  Hydraulic Lift
 -  Lift cylinder
 -  Roll-up bay door
 -  Area of Remedial Excavation
 -  Sample location showing sample number
- Figure not to scale
- N- 

APPENDIX A

SITE PHOTOGRAPHS



Photograph 1. Lift 3 after cylinder has been removed



Photograph 2. Lift 2 after cylinder has been removed

APPENDIX B

LABORATORY REPORTS

ANALYTICAL REPORT

B C Analytical

1085 Shary Circle
 Concord, CA 94518
 510/825-3894
 Fax: 510/825-3924

LOG NO: G96-02-506

Received: 07 MAR 96
 Mailed : 26 APR 96

Mr. Branden Born
 Dames and Moore
 221 Main Street, Suite 600
 San Francisco, CA 94105-1917

Project: SEARS.SANRAFAEL

REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION, NON-AQUEOUS SAMPLES	DATE SAMPLED
02-506-1	2-0'	07 MAR 96
PARAMETER		02-506-1
Semi-volatiles (8270)		
Date Analyzed		03/12/96
Date Extracted		03/12/96
Dilution Factor, Times		5
1,2,4-Trichlorobenzene, mg/kg		<1
1,2-Dichlorobenzene, mg/kg		<1
1,2-Diphenylhydrazine, mg/kg		<1
1,3-Dichlorobenzene, mg/kg		<1
1,4-Dichlorobenzene, mg/kg		<1
2,4,5-Trichlorophenol, mg/kg		<1
2,4,6-Trichlorophenol, mg/kg		<1
2,4-Dichlorophenol, mg/kg		<1
2,4-Dimethylphenol, mg/kg		<1
2,4-Dinitrophenol, mg/kg		<2
2,4-Dinitrotoluene, mg/kg		<1
2,6-Dinitrotoluene, mg/kg		<1
2-Chloronaphthalene, mg/kg		<1
2-Chlorophenol, mg/kg		<1
2-Methyl-4,6-dinitrophenol, mg/kg		<2
2-Methylnaphthalene, mg/kg		<1
2-Methylphenol (o-Cresol), mg/kg		<1
2-Nitroaniline, mg/kg		<1
2-Nitrophenol, mg/kg		<1
3,3'-Dichlorobenzidine, mg/kg		<2
3-Nitroaniline, mg/kg		<1
4-Bromophenylphenylether, mg/kg		<1
4-Chloro-3-methylphenol, mg/kg		<1
4-Chloroaniline, mg/kg		<1



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REPORT OF ANALYTICAL RESULTS

Page 2

LOG NO	SAMPLE DESCRIPTION, NON-AQUEOUS SAMPLES	DATE SAMPLED
02-506-1	2-0'	07 MAR 96
PARAMETER	02-506-1	
4-Chlorophenylphenylether, mg/kg	<1	
4-Methylphenol (p-Cresol), mg/kg	<2	
4-Nitroaniline, mg/kg	<1	
4-Nitrophenol, mg/kg	<2	
Acenaphthene, mg/kg	<1	
Acenaphthylene, mg/kg	<1	
Aniline, mg/kg	<1	
Anthracene, mg/kg	<1	
Benzidine, mg/kg	<20	
Benzo(a)anthracene, mg/kg	<1	
Benzo(a)pyrene, mg/kg	<1	
Benzo(b)fluoranthene, mg/kg	<1	
Benzo(g,h,i)perylene, mg/kg	<1	
Benzo(k)fluoranthene, mg/kg	<1	
Benzyl Alcohol, mg/kg	<2	
Benzoic acid, mg/kg	<10	
Butylbenzylphthalate, mg/kg	<1	
Chrysene, mg/kg	<1	
Di-n-octylphthalate, mg/kg	<1	
Dibenzo(a,h)anthracene, mg/kg	<1	
Dibenzofuran, mg/kg	<1	
Dibutylphthalate, mg/kg	<1	
Diethylphthalate, mg/kg	<1	
Dimethylphthalate, mg/kg	<1	
Fluoranthene, mg/kg	<1	
Fluorene, mg/kg	<1	
Hexachlorobenzene, mg/kg	<1	

LOG NO: G96-02-506

Received: 07 MAR 96
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Project: SEARS.SANRAFAEL

REPORT OF ANALYTICAL RESULTS

Page 3

LOG NO	SAMPLE DESCRIPTION, NON-AQUEOUS SAMPLES	DATE SAMPLED
02-506-1	2-0'	07 MAR 96
PARAMETER	02-506-1	
Hexachlorobutadiene, mg/kg	<1	
Hexachlorocyclopentadiene, mg/kg	<2	
Hexachloroethane, mg/kg	<1	
Indeno(1,2,3-c,d)pyrene, mg/kg	<1	
Isophorone, mg/kg	<1	
N-Nitrosodimethylamine, mg/kg	<1	
N-Nitrosodiphenylamine, mg/kg	<1	
N-Nitrosodi-n-propylamine, mg/kg	<1	
Nitrobenzene, mg/kg	<1	
Naphthalene, mg/kg	<1	
Phenanthrene, mg/kg	<1	
Phenol, mg/kg	<1	
Pentachlorophenol, mg/kg	<2	
Pyrene, mg/kg	<1	
Pyridine, mg/kg	<2	
Bis(2-chloroethoxy)methane, mg/kg	<1	
Bis(2-chloroethyl)ether, mg/kg	<1	
Bis(2-chloroisopropyl)ether, mg/kg	<1	
Bis(2-ethylhexyl)phthalate, mg/kg	2.5	
Surrogates **		
2-Fluorobiphenyl Reported, mg/kg	2.18	
2-Fluorobiphenyl Theo., mg/kg	1.67	
2-Fluorophenol Reported, mg/kg	2.37	
2-Fluorophenol Theoretical, mg/kg	2.50	
2,4,6-Tribromophenol Rep., mg/kg	2.14	
2,4,6-Tribromophenol Theo., mg/kg	2.50	
Nitrobenzene-d5 Reported, mg/kg	1.88	

LOG NO: G96-02-506

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221 Main Street, Suite 600
San Francisco, CA 94105-1917

Project: SEARS.SANRAFAEL

REPORT OF ANALYTICAL RESULTS

Page 4

LOG NO	SAMPLE DESCRIPTION, NON-AQUEOUS SAMPLES	DATE SAMPLED
02-506-1	2-0'	07 MAR 96
PARAMETER	02-506-1	
Nitrobenzene-d5 Theoretical, mg/kg	1.67	
Phenol-d5 Reported, mg/kg	3.33	
Phenol-d5 Theoretical, mg/kg	2.50	
Terphenyl-d14 Reported, mg/kg	2.06	
Terphenyl-d14 Theoretical, mg/kg	1.67	
PCBs (8080)		
Date Analyzed	03/12/96	
Date Extracted	03/12/96	
Dilution Factor, Times	5	
Aroclor 1016, mg/kg	<0.2	
Aroclor 1221, mg/kg	<0.2	
Aroclor 1232, mg/kg	<0.2	
Aroclor 1242, mg/kg	<0.2	
Aroclor 1248, mg/kg	<0.2	
Aroclor 1254, mg/kg	<0.2	
Aroclor 1260, mg/kg	0.48	
Surrogates **		
Decachlorobiphenyl Reported, mg/kg	0.0113	
Decachlorobiphenyl Theoretical, mg/kg	0.0083	
Tetrachloro-meta-xylene Rpt., mg/kg	0.0090	
Tetrachloro-meta-xylene Theor., mg/kg	0.0083	

LOG NO: G96-02-506

Received: 07 MAR 96

Mailed : 26 APR 96

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REPORT OF ANALYTICAL RESULTS

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LOG NO	SAMPLE DESCRIPTION, NON-AQUEOUS SAMPLES	DATE SAMPLED
02-506-1	2~0'	07 MAR 96
PARAMETER	02-506-1	
Diesel/Hydraulic Oil (8015M)		
Date Analyzed	03/07/96	
Date Extracted	03/07/96	
Dilution Factor, Times	10	
Carbon Range, .	C23-C40	
Hydraulic Oil, mg/kg	5500	
Carbon Range, .	C13-C22	
Diesel, mg/kg	<200	
Other Diesel/Hydraulic Oil (8015M)	---	
Surrogates **		
Naphthalene Reported, mg/kg	37.4	
Naphthalene Theoretical, mg/kg	50.0	
Gasoline (8015M)		
Date Analyzed	03/07/96	
Date Extracted	03/07/96	
Dilution Factor, Times	10	
Gasoline, mg/kg	<200	
Carbon Range, .	C4-C12	
Other Gasoline (8015M)	---	
Surrogates **		
Naphthalene Reported, mg/kg	53.6	
Naphthalene Theoretical, mg/kg	50.0	

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LOG NO	SAMPLE DESCRIPTION, NON-AQUEOUS SAMPLES	DATE SAMPLED
02-506-1	2-0'	07 MAR 96
PARAMETER	02-506-1	
Vol.Pri.Poll. (8240)		
Date Analyzed	03/13/96	
Dilution Factor, Times	1	
1,1,1-Trichloroethane, mg/kg	<0.005	
1,1,2,2-Tetrachloroethane, mg/kg	<0.005	
1,1,2-Trichloroethane, mg/kg	<0.005	
1,1-Dichloroethane, mg/kg	<0.005	
1,1-Dichloroethene, mg/kg	<0.005	
1,2-Dichloroethane, mg/kg	<0.005	
1,2-Dichlorobenzene, mg/kg	<0.005	
1,2-Dichloropropane, mg/kg	<0.005	
1,3-Dichlorobenzene, mg/kg	<0.005	
1,4-Dichlorobenzene, mg/kg	<0.005	
2-Chloroethylvinylether, mg/kg	<0.005	
2-Hexanone, mg/kg	<0.03	
Acetone, mg/kg	<0.1	
Acrolein, mg/kg	<0.3	
Acrylonitrile, mg/kg	<0.3	
Bromodichloromethane, mg/kg	<0.005	
Bromomethane, mg/kg	<0.005	
Benzene, mg/kg	<0.005	
Bromoform, mg/kg	<0.005	
Chlorobenzene, mg/kg	<0.005	
Carbon Tetrachloride, mg/kg	<0.005	
Chloroethane, mg/kg	<0.005	
Chloroform, mg/kg	<0.005	
Chloromethane, mg/kg	<0.005	

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Mailed : 26 APR 96

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LOG NO	SAMPLE DESCRIPTION, NON-AQUEOUS SAMPLES	DATE SAMPLED
02-506-1	2-0'	07 MAR 96
PARAMETER	02-506-1	
Carbon Disulfide, mg/kg	<0.01	
Dibromochloromethane, mg/kg	<0.005	
Ethylbenzene, mg/kg	<0.005	
Freon 113, mg/kg	<0.01	
Methyl ethyl ketone, mg/kg	<0.03	
Methyl isobutyl ketone, mg/kg	<0.03	
Methylene chloride, mg/kg	<0.005	
Styrene, mg/kg	<0.005	
Trichloroethene, mg/kg	<0.005	
Trichlorofluoromethane, mg/kg	<0.005	
Toluene, mg/kg	<0.005	
Tetrachloroethene, mg/kg	<0.005	
Vinyl acetate, mg/kg	<0.05	
Vinyl chloride, mg/kg	<0.005	
Total Xylene Isomers, mg/kg	<0.02	
cis-1,2-Dichloroethene, mg/kg	<0.005	
cis-1,3-Dichloropropene, mg/kg	<0.005	
trans-1,2-Dichloroethene, mg/kg	<0.005	
trans-1,3-Dichloropropene, mg/kg	<0.005	
Other Vol.Pri.Poll. (8240)	---	
Surrogates **		
1,2-Dichloroethane-d4 Rep., mg/kg	0.0488	
1,2-Dichloroethane-d4 Theo., mg/kg	0.0500	
4-Bromofluorobenzene Rep., mg/kg	0.0475	
4-Bromofluorobenzene Theo., mg/kg	0.0500	
Toluene-d8 Reported, mg/kg	0.0478	
Toluene-d8 Theo., mg/kg	0.0500	

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LOG NO	SAMPLE DESCRIPTION, NON-AQUEOUS SAMPLES					DATE SAMPLED
02-506-2	3-0'					07 MAR 96
02-506-3	1-0'					07 MAR 96
02-506-4	3-7'					07 MAR 96
02-506-5	1-7'					07 MAR 96
02-506-6	3-3'					07 MAR 96
PARAMETER	02-506-2	02-506-3	02-506-4	02-506-5	02-506-6	
Diesel/Hydraulic Oil (8015M)						
Date Analyzed	03/07/96	03/07/96	03/07/96	03/07/96	03/07/96	
Date Extracted	03/07/96	03/07/96	03/07/96	03/07/96	03/07/96	
Dilution Factor, Times	10	1	1	1	1	
Carbon Range, .	C23-C40	C23-C40	C23-C40	C23-C40	C23-C40	
Hydraulic Oil, mg/kg	11000	87	830	320	43	
Carbon Range, .	C13-C22	C13-C22	C13-C22	C13-C22	C13-C22	
Diesel, mg/kg	<200	<20	<20	<20	<20	
Other Diesel/Hydraulic Oil (8015M)	---	---	---	---	---	
Surrogates **						
Naphthalene Reported, mg/kg	50.2	50.4	60.6	59.3	55.9	
Naphthalene Theoretical, mg/kg	50.0	50.0	50.0	50.0	50.0	

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LOG NO	SAMPLE DESCRIPTION, NON-AQUEOUS SAMPLES	DATE SAMPLED			
02-506-2	3-0'	07 MAR 96			
02-506-3	1-0'	07 MAR 96			
02-506-4	3-7'	07 MAR 96			
02-506-5	1-7'	07 MAR 96			
02-506-6	3-3'	07 MAR 96			
PARAMETER	02-506-2	02-506-3	02-506-4	02-506-5	02-506-6
Gasoline (8015M)					
Date Analyzed	03/07/96	03/07/96	03/07/96	03/07/96	03/07/96
Date Extracted	03/07/96	03/07/96	03/07/96	03/07/96	03/07/96
Dilution Factor, Times	10	1	1	1	1
Gasoline, mg/kg	<200	<20	<20	<20	<20
Carbon Range, .	C4-C12	C4-C12	C4-C12	C4-C12	C4-C12
Other Gasoline (8015M)	---	---	---	---	---
Surrogates **					
Naphthalene Reported, mg/kg	62.9	67.8	76.8	77.8	75.5
Naphthalene Theoretical, mg/kg	50.0	50.0	50.0	50.0	50.0

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LOG NO	SAMPLE DESCRIPTION, NON-AQUEOUS SAMPLES	DATE SAMPLED	
02-506-7	2-7'	07 MAR 96	
02-506-8	2-3'	07 MAR 96	
PARAMETER		02-506-7	02-506-8
Diesel/Hydraulic Oil (8015M)			
Date Analyzed		03/07/96	03/07/96
Date Extracted		03/07/96	03/07/96
Dilution Factor, Times		1	1
Carbon Range, .		C23-C40	C23-C40
Hydraulic Oil, mg/kg		220	270
Carbon Range, .		C13-C22	C13-C22
Diesel, mg/kg		<20	<20
Other Diesel/Hydraulic Oil (8015M)		---	---
Surrogates **			
Naphthalene Reported, mg/kg		56.4	58.4
Naphthalene Theoretical, mg/kg		50.0	50.0
Gasoline (8015M)			
Date Analyzed		03/07/96	03/07/96
Date Extracted		03/07/96	03/07/96
Dilution Factor, Times		1	1
Gasoline, mg/kg		<20	<20
Carbon Range, .		C4-C12	C4-C12
Other Gasoline (8015M)		---	---
Surrogates **			
Naphthalene Reported, mg/kg		69.5	73.3
Naphthalene Theoretical, mg/kg		50.0	50.0

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Dick Swenson, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.

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SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE.....	METHOD.....	EQUIP.	BATCH..	ID.NO
			ANALYZED				
9602506*1	2-0'	8270.HSL	03.12.96	8270	537-11	9645	6750
		8080.PCB	03.12.96	8080	536-26	9640	7616
		FUEL.TOT.OIL	03.07.96	8015M	516-07	963008	8171
		FUEL.TOT.GAS	03.07.96	8015M	516-07	963008	8171
		8240.HSL	03.13.96	8240	537-01	9650187	8659
9602506*2	3-0'	FUEL.TOT.OIL	03.07.96	8015M	516-07	963008	8171
		FUEL.TOT.GAS	03.07.96	8015M	516-07	963008	8171
9602506*3	1-0'	FUEL.TOT.OIL	03.07.96	8015M	516-07	963008	8171
		FUEL.TOT.GAS	03.07.96	8015M	516-07	963008	8171
9602506*4	3-7'	FUEL.TOT.OIL	03.07.96	8015M	516-07	963008	8171
		FUEL.TOT.GAS	03.07.96	8015M	516-07	963008	8171
9602506*5	1-7'	FUEL.TOT.OIL	03.07.96	8015M	516-07	963008	8171
		FUEL.TOT.GAS	03.07.96	8015M	516-07	963008	8171
9602506*6	3-3'	FUEL.TOT.OIL	03.07.96	8015M	516-07	963008	8171
		FUEL.TOT.GAS	03.07.96	8015M	516-07	963008	8171
9602506*7	2-7'	FUEL.TOT.OIL	03.07.96	8015M	516-07	963008	8171
		FUEL.TOT.GAS	03.07.96	8015M	516-07	963008	8171
9602506*8	2-3'	FUEL.TOT.OIL	03.07.96	8015M	516-07	963008	8171
		FUEL.TOT.GAS	03.07.96	8015M	516-07	963008	8171

Notes: Equipment = BC Analytical identification number for a particular piece of analytical equipment.
 ID.NO = BC Analytical employee identification number of analyst.

BC ANALYTICAL

ORDER QC REPORT FOR G9602506

DATE REPORTED : 05/06/96

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LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
Semi-volatiles	C6031257*1					
Date Analyzed	03.12.96	9645	03/12/96	03/12/96	Date	N/A
Date Extracted	03.12.96	9645	03/12/96	03/12/96	Date	N/A
1,2,4-Trichlorobenzene	03.12.96	9645	2.72	3.33	mg/kg	82
1,2-Dichlorobenzene	03.12.96	9645	3.09	3.33	mg/kg	93
1,2-Diphenylhydrazine	03.12.96	9645	3.00	3.33	mg/kg	90
1,3-Dichlorobenzene	03.12.96	9645	2.70	3.33	mg/kg	81
1,4-Dichlorobenzene	03.12.96	9645	2.70	3.33	mg/kg	81
2,4,5-Trichlorophenol	03.12.96	9645	3.39	3.33	mg/kg	102
2,4,6-Trichlorophenol	03.12.96	9645	2.69	3.33	mg/kg	81
2,4-Dichlorophenol	03.12.96	9645	2.38	3.33	mg/kg	71
2,4-Dimethylphenol	03.12.96	9645	2.32	3.33	mg/kg	70
2,4-Dinitrophenol	03.12.96	9645	2.22	3.33	mg/kg	67
2,4-Dinitrotoluene	03.12.96	9645	2.80	3.33	mg/kg	84
2,6-Dinitrotoluene	03.12.96	9645	2.61	3.33	mg/kg	78
2-Chloronaphthalene	03.12.96	9645	2.43	3.33	mg/kg	73
2-Chlorophenol	03.12.96	9645	2.51	3.33	mg/kg	75
2-Methyl-4,6-dinitrophenol	03.12.96	9645	1.96	3.33	mg/kg	59
2-Methylnaphthalene	03.12.96	9645	2.27	3.33	mg/kg	68
2-Methylphenol (o-Cresol)	03.12.96	9645	2.80	3.33	mg/kg	84
2-Nitroaniline	03.12.96	9645	2.42	3.33	mg/kg	73
2-Nitrophenol	03.12.96	9645	2.55	3.33	mg/kg	77
3,3'-Dichlorobenzidine	03.12.96	9645	2.58	6.67	mg/kg	39
3-Nitroaniline	03.12.96	9645	2.18	3.33	mg/kg	65
4-Bromophenylphenylether	03.12.96	9645	2.55	3.33	mg/kg	77
4-Chloro-3-methylphenol	03.12.96	9645	2.59	3.33	mg/kg	78
4-Chloroaniline	03.12.96	9645	2.37	3.33	mg/kg	71
4-Chlorophenylphenylether	03.12.96	9645	2.61	3.33	mg/kg	78
4-Methylphenol (p-Cresol)	03.12.96	9645	2.63	3.33	mg/kg	79
4-Nitroaniline	03.12.96	9645	2.16	3.33	mg/kg	65
4-Nitrophenol	03.12.96	9645	2.54	3.33	mg/kg	76
Acenaphthene	03.12.96	9645	2.72	3.33	mg/kg	82
Acenaphthylene	03.12.96	9645	2.62	3.33	mg/kg	79
Aniline	03.12.96	9645	1.73	3.33	mg/kg	52
Anthracene	03.12.96	9645	2.38	3.33	mg/kg	71
Benzidine	03.12.96	9645	0	6.67	mg/kg	0 Q
Benzo(a)anthracene	03.12.96	9645	2.59	3.33	mg/kg	78
Benzo(a)pyrene	03.12.96	9645	2.51	3.33	mg/kg	75
Benzo(b)fluoranthene	03.12.96	9645	2.01	3.33	mg/kg	60
Benzo(g,h,i)perylene	03.12.96	9645	2.61	3.33	mg/kg	78
Benzo(k)fluoranthene	03.12.96	9645	2.68	3.33	mg/kg	80
Benzyl Alcohol	03.12.96	9645	2.46	3.33	mg/kg	74
Benzoic acid	03.12.96	9645	2.11	6.67	mg/kg	32
Butylbenzylphthalate	03.12.96	9645	3.25	3.33	mg/kg	98
Chrysene	03.12.96	9645	2.58	3.33	mg/kg	77

BC ANALYTICAL

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LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
Di-n-octylphthalate	03.12.96	9645	2.92	3.33	mg/kg	88
Dibenzo(a,h)anthracene	03.12.96	9645	2.43	3.33	mg/kg	73
Dibenzofuran	03.12.96	9645	2.42	3.33	mg/kg	73
Dibutylphthalate	03.12.96	9645	2.71	3.33	mg/kg	81
Diethylphthalate	03.12.96	9645	2.46	3.33	mg/kg	74
Dimethylphthalate	03.12.96	9645	2.57	3.33	mg/kg	77
Fluoranthene	03.12.96	9645	2.47	3.33	mg/kg	74
Fluorene	03.12.96	9645	2.67	3.33	mg/kg	80
Hexachlorobenzene	03.12.96	9645	2.76	3.33	mg/kg	83
Hexachlorobutadiene	03.12.96	9645	2.89	3.33	mg/kg	87
Hexachlorocyclopentadiene	03.12.96	9645	3.98	3.33	mg/kg	120
Hexachloroethane	03.12.96	9645	3.02	3.33	mg/kg	91
Indeno(1,2,3-c,d)pyrene	03.12.96	9645	2.31	3.33	mg/kg	69
Isophorone	03.12.96	9645	2.65	3.33	mg/kg	80
N-Nitrosodimethylamine	03.12.96	9645	3.97	3.33	mg/kg	119
N-Nitrosodiphenylamine	03.12.96	9645	1.73	3.33	mg/kg	52
N-Nitrosodi-n-propylamine	03.12.96	9645	2.79	3.33	mg/kg	84
Nitrobenzene	03.12.96	9645	2.89	3.33	mg/kg	87
Naphthalene	03.12.96	9645	2.37	3.33	mg/kg	71
Phenanthrene	03.12.96	9645	2.54	3.33	mg/kg	76
Phenol	03.12.96	9645	1.68	3.33	mg/kg	50
Pentachlorophenol	03.12.96	9645	2.23	3.33	mg/kg	67
Pyrene	03.12.96	9645	2.86	3.33	mg/kg	86
Bis(2-chloroethoxy)methane	03.12.96	9645	2.22	3.33	mg/kg	67
Bis(2-chloroethyl)ether	03.12.96	9645	3.27	3.33	mg/kg	98
Bis(2-chloroisopropyl)ether	03.12.96	9645	2.92	3.33	mg/kg	88
Bis(2-ethylhexyl)phthalate	03.12.96	9645	2.92	3.33	mg/kg	88
2-Fluorobiphenyl Reported	03.12.96	9645	1.82	1.67	mg/kg	109
2-Fluorobiphenyl Theo.	03.12.96	9645	1.67	1.67	mg/kg	100
2-Fluorophenol Reported	03.12.96	9645	2.57	2.50	mg/kg	103 Q
2-Fluorophenol Theoretical	03.12.96	9645	2.50	2.50	mg/kg	100
2,4,6-Tribromophenol Rep.	03.12.96	9645	2.91	2.50	mg/kg	116
2,4,6-Tribromophenol Theo.	03.12.96	9645	2.50	2.50	mg/kg	100
Nitrobenzene-d5 Reported	03.12.96	9645	1.78	1.67	mg/kg	107
Nitrobenzene-d5 Theoretical	03.12.96	9645	1.67	1.67	mg/kg	100
Phenol-d5 Reported	03.12.96	9645	3.05	2.50	mg/kg	122 Q
Phenol-d5 Theoretical	03.12.96	9645	2.50	2.50	mg/kg	100
Terphenyl-d14 Reported	03.12.96	9645	1.63	1.67	mg/kg	98
Terphenyl-d14 Theoretical	03.12.96	9645	1.67	1.67	mg/kg	100
Semi-volatiles	C6031258*1					
Date Analyzed	03.12.96	9645	03/12/96	03/12/96	Date	N/A
Date Extracted	03.12.96	9645	03/12/96	03/12/96	Date	N/A
1,2,4-Trichlorobenzene	03.12.96	9645	2.75	3.33	mg/kg	83
1,2-Dichlorobenzene	03.12.96	9645	3.16	3.33	mg/kg	95
1,2-Diphenylhydrazine	03.12.96	9645	2.97	3.33	mg/kg	89

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LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
1,3-Dichlorobenzene	03.12.96	9645	2.81	3.33	mg/kg	84
1,4-Dichlorobenzene	03.12.96	9645	2.78	3.33	mg/kg	83
2,4,5-Trichlorophenol	03.12.96	9645	3.36	3.33	mg/kg	101
2,4,6-Trichlorophenol	03.12.96	9645	2.59	3.33	mg/kg	78
2,4-Dichlorophenol	03.12.96	9645	2.33	3.33	mg/kg	70
2,4-Dimethylphenol	03.12.96	9645	2.25	3.33	mg/kg	68
2,4-Dinitrophenol	03.12.96	9645	2.24	3.33	mg/kg	67
2,4-Dinitrotoluene	03.12.96	9645	2.95	3.33	mg/kg	89
2,6-Dinitrotoluene	03.12.96	9645	2.72	3.33	mg/kg	82
2-Chloronaphthalene	03.12.96	9645	2.45	3.33	mg/kg	74
2-Chlorophenol	03.12.96	9645	2.50	3.33	mg/kg	75
2-Methyl-4,6-dinitrophenol	03.12.96	9645	1.99	3.33	mg/kg	60
2-Methylnaphthalene	03.12.96	9645	2.29	3.33	mg/kg	69
2-Methylphenol (o-Cresol)	03.12.96	9645	2.77	3.33	mg/kg	83
2-Nitroaniline	03.12.96	9645	2.45	3.33	mg/kg	74
2-Nitrophenol	03.12.96	9645	2.44	3.33	mg/kg	73
3,3'-Dichlorobenzidine	03.12.96	9645	2.47	6.67	mg/kg	37
3-Nitroaniline	03.12.96	9645	2.24	3.33	mg/kg	67
4-Bromophenylphenylether	03.12.96	9645	2.58	3.33	mg/kg	77
4-Chloro-3-methylphenol	03.12.96	9645	2.55	3.33	mg/kg	77
4-Chloroaniline	03.12.96	9645	2.35	3.33	mg/kg	71
4-Chlorophenylphenylether	03.12.96	9645	2.94	3.33	mg/kg	88
4-Methylphenol (p-Cresol)	03.12.96	9645	2.61	3.33	mg/kg	78
4-Nitroaniline	03.12.96	9645	2.22	3.33	mg/kg	67
4-Nitrophenol	03.12.96	9645	2.47	3.33	mg/kg	74
Acenaphthene	03.12.96	9645	2.84	3.33	mg/kg	85
Acenaphthylene	03.12.96	9645	2.65	3.33	mg/kg	80
Aniline	03.12.96	9645	1.63	3.33	mg/kg	49
Anthracene	03.12.96	9645	2.41	3.33	mg/kg	72
Benzidine	03.12.96	9645	0	6.67	mg/kg	0 Q
Benzo(a)anthracene	03.12.96	9645	2.65	3.33	mg/kg	80
Benzo(a)pyrene	03.12.96	9645	2.54	3.33	mg/kg	76
Benzo(b)fluoranthene	03.12.96	9645	2.11	3.33	mg/kg	63
Benzo(g,h,i)perylene	03.12.96	9645	2.55	3.33	mg/kg	77
Benzo(k)fluoranthene	03.12.96	9645	2.81	3.33	mg/kg	84
Benzyl Alcohol	03.12.96	9645	2.48	3.33	mg/kg	74
Benzoic acid	03.12.96	9645	3.13	6.67	mg/kg	47
Butylbenzylphthalate	03.12.96	9645	3.37	3.33	mg/kg	101
Chrysene	03.12.96	9645	2.67	3.33	mg/kg	80
Di-n-octylphthalate	03.12.96	9645	2.99	3.33	mg/kg	90
Dibenzo(a,h)anthracene	03.12.96	9645	2.48	3.33	mg/kg	74
Dibenzofuran	03.12.96	9645	2.48	3.33	mg/kg	74
Dibutylphthalate	03.12.96	9645	2.79	3.33	mg/kg	84
Diethylphthalate	03.12.96	9645	2.54	3.33	mg/kg	76
Dimethylphthalate	03.12.96	9645	2.67	3.33	mg/kg	80

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LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
Fluoranthene	03.12.96	9645	2.52	3.33	mg/kg	76
Fluorene	03.12.96	9645	2.71	3.33	mg/kg	81
Hexachlorobenzene	03.12.96	9645	2.74	3.33	mg/kg	82
Hexachlorobutadiene	03.12.96	9645	2.90	3.33	mg/kg	87
Hexachlorocyclopentadiene	03.12.96	9645	4.07	3.33	mg/kg	122
Hexachloroethane	03.12.96	9645	3.14	3.33	mg/kg	94
Indeno(1,2,3-c,d)pyrene	03.12.96	9645	2.63	3.33	mg/kg	79
Isophorone	03.12.96	9645	2.66	3.33	mg/kg	80
N-Nitrosodimethylamine	03.12.96	9645	4.10	3.33	mg/kg	123
N-Nitrosodiphenylamine	03.12.96	9645	1.76	3.33	mg/kg	53
N-Nitrosodi-n-propylamine	03.12.96	9645	3.01	3.33	mg/kg	90
Nitrobenzene	03.12.96	9645	2.93	3.33	mg/kg	88
Naphthalene	03.12.96	9645	2.40	3.33	mg/kg	72
Phenanthrene	03.12.96	9645	2.56	3.33	mg/kg	77
Phenol	03.12.96	9645	2.44	3.33	mg/kg	73
Pentachlorophenol	03.12.96	9645	2.19	3.33	mg/kg	66
Pyrene	03.12.96	9645	2.99	3.33	mg/kg	90
Bis(2-chloroethoxy)methane	03.12.96	9645	2.28	3.33	mg/kg	68
Bis(2-chloroethyl)ether	03.12.96	9645	3.03	3.33	mg/kg	91
Bis(2-chloroisopropyl)ether	03.12.96	9645	2.91	3.33	mg/kg	87
Bis(2-ethylhexyl)phthalate	03.12.96	9645	2.96	3.33	mg/kg	89
2-Fluorobiphenyl Reported	03.12.96	9645	1.76	1.67	mg/kg	105
2-Fluorobiphenyl Theo.	03.12.96	9645	1.67	1.67	mg/kg	100
2-Fluorophenol Reported	03.12.96	9645	2.56	2.50	mg/kg	102 Q
2-Fluorophenol Theoretical	03.12.96	9645	2.50	2.50	mg/kg	100
2,4,6-Tribromophenol Rep.	03.12.96	9645	2.66	2.50	mg/kg	106
2,4,6-Tribromophenol Theo.	03.12.96	9645	2.50	2.50	mg/kg	100
Nitrobenzene-d5 Reported	03.12.96	9645	1.74	1.67	mg/kg	104
Nitrobenzene-d5 Theoretical	03.12.96	9645	1.67	1.67	mg/kg	100
Phenol-d5 Reported	03.12.96	9645	2.99	2.50	mg/kg	120 Q
Phenol-d5 Theoretical	03.12.96	9645	2.50	2.50	mg/kg	100
Terphenyl-d14 Reported	03.12.96	9645	1.61	1.67	mg/kg	96
Terphenyl-d14 Theoretical	03.12.96	9645	1.67	1.67	mg/kg	100
PCBs	C6031252*1					
Date Analyzed	03.13.96	9640	03/13/96	03/13/96	Date	N/A
Date Extracted	03.13.96	9640	03/12/96	03/12/96	Date	N/A
Aroclor 1260	03.13.96	9640	0.291	0.333	mg/kg	87
Decachlorobiphenyl Reported	03.13.96	9640	0.0095	0.0083	mg/kg	114
Decachlorobiphenyl Theoretical	03.13.96	9640	0.0083	0.0083	mg/kg	100
Tetrachloro-meta-xylene Rpt.	03.13.96	9640	0.0077	0.0083	mg/kg	93
Tetrachloro-meta-xylene Theor.	03.13.96	9640	0.0083	0.0083	mg/kg	100
4. PCBs	C6031253*1					
Date Analyzed	03.13.96	9640	03/13/96	03/13/96	Date	N/A
Date Extracted	03.13.96	9640	03/12/96	03/12/96	Date	N/A
Aroclor 1260	03.13.96	9640	0.260	0.333	mg/kg	78

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Decachlorobiphenyl Reported	03.13.96	9640	0.0102	0.0083	mg/kg	123
Decachlorobiphenyl Theoretical	03.13.96	9640	0.0083	0.0083	mg/kg	100
Tetrachloro-meta-xylene Rpt.	03.13.96	9640	0.0090	0.0083	mg/kg	108
Tetrachloro-meta-xylene Theor.	03.13.96	9640	0.0083	0.0083	mg/kg	100
Gasoline C6031254*1						
Date Analyzed	03.07.96	963008	03/07/96	03/07/96	Date	N/A
Date Extracted	03.07.96	963008	03/07/96	03/07/96	Date	N/A
Gasoline	03.07.96	963008	291	250	mg/kg	116
Naphthalene Reported	03.07.96	963008	67.6	50.0	mg/kg	135 Q
Naphthalene Theoretical	03.07.96	963008	50.0	50.0	mg/kg	100
Diesel/Hydraulic Oil C6031255*1						
Date Analyzed	03.07.96	963008	03/07/96	03/07/96	Date	N/A
Date Extracted	03.07.96	963008	03/07/96	03/07/96	Date	N/A
Hydraulic Oil	03.07.96	963008	473	500	mg/kg	95
Diesel	03.07.96	963008	505	500	mg/kg	101
Naphthalene Reported	03.07.96	963008	81.2	50.0	mg/kg	162 Q
Naphthalene Theoretical	03.07.96	963008	50.0	50.0	mg/kg	100
Vol.Pri.Poll. C6031387*1						
Date Analyzed	03.14.96	9650187	03/14/96	03/14/96	Date	N/A
1,1,1-Trichloroethane	03.14.96	9650187	0.0459	0.0500	mg/kg	92
1,1,2,2-Tetrachloroethane	03.14.96	9650187	0.0438	0.0500	mg/kg	88
1,1,2-Trichloroethane	03.14.96	9650187	0.0446	0.0500	mg/kg	89
1,1-Dichloroethane	03.14.96	9650187	0.0414	0.0500	mg/kg	83
1,1-Dichloroethene	03.14.96	9650187	0.0395	0.0500	mg/kg	79
1,2-Dichloroethane	03.14.96	9650187	0.0358	0.0500	mg/kg	72 Q
1,2-Dichlorobenzene	03.14.96	9650187	0.0468	0.0500	mg/kg	94
1,2-Dichloropropane	03.14.96	9650187	0.0404	0.0500	mg/kg	81
1,3-Dichlorobenzene	03.14.96	9650187	0.0475	0.0500	mg/kg	95
1,4-Dichlorobenzene	03.14.96	9650187	0.0463	0.0500	mg/kg	93
2-Chloroethylvinylether	03.14.96	9650187	0.0152	0.0500	mg/kg	30
2-Hexanone	03.14.96	9650187	0.0377	0.0500	mg/kg	75
Acetone	03.14.96	9650187	0.0255	0.0500	mg/kg	51
Acrolein	03.14.96	9650187	0.0818	0.500	mg/kg	16 Q
Acrylonitrile	03.14.96	9650187	0.324	0.500	mg/kg	65
Bromodichloromethane	03.14.96	9650187	0.0463	0.0500	mg/kg	93
Bromomethane	03.14.96	9650187	0.0542	0.0500	mg/kg	108
Benzene	03.14.96	9650187	0.0407	0.0500	mg/kg	81
Bromoform	03.14.96	9650187	0.0433	0.0500	mg/kg	87
Chlorobenzene	03.14.96	9650187	0.0470	0.0500	mg/kg	94
Carbon Tetrachloride	03.14.96	9650187	0.0440	0.0500	mg/kg	88
Chloroethane	03.14.96	9650187	0.0675	0.0500	mg/kg	135
Chloroform	03.14.96	9650187	0.0395	0.0500	mg/kg	79
Chloromethane	03.14.96	9650187	0.0480	0.0500	mg/kg	96
Carbon Disulfide	03.14.96	9650187	0.0388	0.0500	mg/kg	78
Dibromochloromethane	03.14.96	9650187	0.0448	0.0500	mg/kg	90

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PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
Ethylbenzene	03.14.96	9650187	0.0480	0.0500	mg/kg	96
Freon 113	03.14.96	9650187	0.0536	0.0500	mg/kg	107
Methyl ethyl ketone	03.14.96	9650187	0.0271	0.0500	mg/kg	54
Methyl isobutyl ketone	03.14.96	9650187	0.0332	0.0500	mg/kg	66
Methylene chloride	03.14.96	9650187	0.0396	0.0500	mg/kg	79
Styrene	03.14.96	9650187	0.0466	0.0500	mg/kg	93
Trichloroethene	03.14.96	9650187	0.0391	0.0500	mg/kg	78
Trichlorofluoromethane	03.14.96	9650187	0.0575	0.0500	mg/kg	115
Toluene	03.14.96	9650187	0.0450	0.0500	mg/kg	90
Tetrachloroethene	03.14.96	9650187	0.0470	0.0500	mg/kg	94
Vinyl acetate	03.14.96	9650187	0.0226	0.0500	mg/kg	45
Vinyl chloride	03.14.96	9650187	0.0591	0.0500	mg/kg	118
Total Xylene Isomers	03.14.96	9650187	0.145	0.150	mg/kg	97
cis-1,2-Dichloroethene	03.14.96	9650187	0.0421	0.0500	mg/kg	84
cis-1,3-Dichloropropene	03.14.96	9650187	0.0428	0.0500	mg/kg	86
trans-1,2-Dichloroethene	03.14.96	9650187	0.0415	0.0500	mg/kg	83
trans-1,3-Dichloropropene	03.14.96	9650187	0.0417	0.0500	mg/kg	83
1,2-Dichloroethane-d4 Rep.	03.14.96	9650187	0.0480	0.0500	mg/kg	96
1,2-Dichloroethane-d4 Theo.	03.14.96	9650187	0.0500	0.0500	mg/kg	100
4-Bromofluorobenzene Rep.	03.14.96	9650187	0.0481	0.0500	mg/kg	96
4-Bromofluorobenzene Theo.	03.14.96	9650187	0.0500	0.0500	mg/kg	100
Toluene-d8 Reported	03.14.96	9650187	0.0511	0.0500	mg/kg	102
Toluene-d8 Theo.	03.14.96	9650187	0.0500	0.0500	mg/kg	100
Vol.Pri.Poll.	C6031390*1					
Date Analyzed	03.13.96	9650187	03/13/96	03/13/96	Date	N/A
1,1,1-Trichloroethane	03.13.96	9650187	0.0395	0.0500	mg/kg	79
1,1,2,2-Tetrachloroethane	03.13.96	9650187	0.0504	0.0500	mg/kg	101
1,1,2-Trichloroethane	03.13.96	9650187	0.0497	0.0500	mg/kg	99
1,1-Dichloroethane	03.13.96	9650187	0.0407	0.0500	mg/kg	81
1,1-Dichloroethene	03.13.96	9650187	0.0411	0.0500	mg/kg	82
1,2-Dichloroethane	03.13.96	9650187	0.0370	0.0500	mg/kg	74 Q
1,2-Dichlorobenzene	03.13.96	9650187	0.0473	0.0500	mg/kg	95
1,2-Dichloropropane	03.13.96	9650187	0.0424	0.0500	mg/kg	85
1,3-Dichlorobenzene	03.13.96	9650187	0.0473	0.0500	mg/kg	95
1,4-Dichlorobenzene	03.13.96	9650187	0.0467	0.0500	mg/kg	93
2-Chloroethylvinylether	03.13.96	9650187	0.0268	0.0500	mg/kg	54
2-Hexanone	03.13.96	9650187	0.0493	0.0500	mg/kg	99
Acetone	03.13.96	9650187	0.0376	0.0500	mg/kg	75
Acrolein	03.13.96	9650187	0.126	0.500	mg/kg	25 Q
Acrylonitrile	03.13.96	9650187	0.432	0.500	mg/kg	86
Bromodichloromethane	03.13.96	9650187	0.0497	0.0500	mg/kg	99
Bromomethane	03.13.96	9650187	0.0461	0.0500	mg/kg	92
Benzene	03.13.96	9650187	0.0405	0.0500	mg/kg	81
Bromoform	03.13.96	9650187	0.0475	0.0500	mg/kg	95
Chlorobenzene	03.13.96	9650187	0.0492	0.0500	mg/kg	98

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PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
Carbon Tetrachloride	03.13.96	9650187	0.0422	0.0500	mg/kg	84
Chloroethane	03.13.96	9650187	0.0538	0.0500	mg/kg	108
Chloroform	03.13.96	9650187	0.0373	0.0500	mg/kg	75
Chloromethane	03.13.96	9650187	0.0491	0.0500	mg/kg	98
Carbon Disulfide	03.13.96	9650187	0.0401	0.0500	mg/kg	80
Dibromochloromethane	03.13.96	9650187	0.0476	0.0500	mg/kg	95
Ethylbenzene	03.13.96	9650187	0.0497	0.0500	mg/kg	99
Freon 113	03.13.96	9650187	0.0487	0.0500	mg/kg	97
Methyl ethyl ketone	03.13.96	9650187	0.0366	0.0500	mg/kg	73
Methyl isobutyl ketone	03.13.96	9650187	0.0477	0.0500	mg/kg	95
Methylene chloride	03.13.96	9650187	0.0410	0.0500	mg/kg	82
Styrene	03.13.96	9650187	0.0476	0.0500	mg/kg	95
Trichloroethene	03.13.96	9650187	0.0382	0.0500	mg/kg	76
Trichlorofluoromethane	03.13.96	9650187	0.0526	0.0500	mg/kg	105
Toluene	03.13.96	9650187	0.0484	0.0500	mg/kg	97
Tetrachloroethene	03.13.96	9650187	0.0504	0.0500	mg/kg	101
Vinyl acetate	03.13.96	9650187	0.0466	0.0500	mg/kg	93
Vinyl chloride	03.13.96	9650187	0.0471	0.0500	mg/kg	94
Total Xylene Isomers	03.13.96	9650187	0.149	0.150	mg/kg	99
cis-1,2-Dichloroethene	03.13.96	9650187	0.0419	0.0500	mg/kg	84
cis-1,3-Dichloropropene	03.13.96	9650187	0.0494	0.0500	mg/kg	99
trans-1,2-Dichloroethene	03.13.96	9650187	0.0415	0.0500	mg/kg	83
trans-1,3-Dichloropropene	03.13.96	9650187	0.0489	0.0500	mg/kg	98
1,2-Dichloroethane-d4 Rep.	03.13.96	9650187	0.0486	0.0500	mg/kg	97
1,2-Dichloroethane-d4 Theo.	03.13.96	9650187	0.0500	0.0500	mg/kg	100
4-Bromofluorobenzene Rep.	03.13.96	9650187	0.0473	0.0500	mg/kg	95
4-Bromofluorobenzene Theo.	03.13.96	9650187	0.0500	0.0500	mg/kg	100
Toluene-d8 Reported	03.13.96	9650187	0.0499	0.0500	mg/kg	100
Toluene-d8 Theo.	03.13.96	9650187	0.0500	0.0500	mg/kg	100

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ADDITIONAL LCS PRECISION (DUPLICATES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	LC1 RESULT	LC2 RESULT	UNIT	RELATIVE % DIFF
Semi-volatiles							
Date Analyzed		03.12.96	9645	03/12/96	03/12/96	Date	N/A
Date Extracted		03.12.96	9645	03/12/96	03/12/96	Date	N/A
1,2,4-Trichlorobenzene		03.12.96	9645	2.72	2.75	mg/kg	1
1,2-Dichlorobenzene		03.12.96	9645	3.09	3.16	mg/kg	2
1,2-Diphenylhydrazine		03.12.96	9645	3.00	2.97	mg/kg	1
1,3-Dichlorobenzene		03.12.96	9645	2.70	2.81	mg/kg	4
1,4-Dichlorobenzene		03.12.96	9645	2.70	2.78	mg/kg	3
2,4,5-Trichlorophenol		03.12.96	9645	3.39	3.36	mg/kg	1
2,4,6-Trichlorophenol		03.12.96	9645	2.69	2.59	mg/kg	4
2,4-Dichlorophenol		03.12.96	9645	2.38	2.33	mg/kg	2
2,4-Dimethylphenol		03.12.96	9645	2.32	2.25	mg/kg	3
2,4-Dinitrophenol		03.12.96	9645	2.22	2.24	mg/kg	1
2,4-Dinitrotoluene		03.12.96	9645	2.80	2.95	mg/kg	5
2,6-Dinitrotoluene		03.12.96	9645	2.61	2.72	mg/kg	4
2-Chloronaphthalene		03.12.96	9645	2.43	2.45	mg/kg	1
2-Chlorophenol		03.12.96	9645	2.51	2.50	mg/kg	0
2-Methyl-4,6-dinitrophenol		03.12.96	9645	1.96	1.99	mg/kg	2
2-Methylnaphthalene		03.12.96	9645	2.27	2.29	mg/kg	1
2-Methylphenol (o-Cresol)		03.12.96	9645	2.80	2.77	mg/kg	1
2-Nitroaniline		03.12.96	9645	2.42	2.45	mg/kg	1
2-Nitrophenol		03.12.96	9645	2.55	2.44	mg/kg	4
3,3'-Dichlorobenzidine		03.12.96	9645	2.58	2.47	mg/kg	4
3-Nitroaniline		03.12.96	9645	2.18	2.24	mg/kg	3
4-Bromophenylphenylether		03.12.96	9645	2.55	2.58	mg/kg	1
4-Chloro-3-methylphenol		03.12.96	9645	2.59	2.55	mg/kg	2
4-Chloroaniline		03.12.96	9645	2.37	2.35	mg/kg	1
4-Chlorophenylphenylether		03.12.96	9645	2.61	2.94	mg/kg	12
4-Methylphenol (p-Cresol)		03.12.96	9645	2.63	2.61	mg/kg	1
4-Nitroaniline		03.12.96	9645	2.16	2.22	mg/kg	3
4-Nitrophenol		03.12.96	9645	2.54	2.47	mg/kg	3
Acenaphthene		03.12.96	9645	2.72	2.84	mg/kg	4
Acenaphthylene		03.12.96	9645	2.62	2.65	mg/kg	1
Aniline		03.12.96	9645	1.73	1.63	mg/kg	6
Anthracene		03.12.96	9645	2.38	2.41	mg/kg	1
Benzidine		03.12.96	9645	0	0	mg/kg	N/A
Benzo(a)anthracene		03.12.96	9645	2.59	2.65	mg/kg	2
Benzo(a)pyrene		03.12.96	9645	2.51	2.54	mg/kg	1
Benzo(b)fluoranthene		03.12.96	9645	2.01	2.11	mg/kg	5
Benzo(g,h,i)perylene		03.12.96	9645	2.61	2.55	mg/kg	2
Benzo(k)fluoranthene		03.12.96	9645	2.68	2.81	mg/kg	5
Benzyl Alcohol		03.12.96	9645	2.46	2.48	mg/kg	1
Benzoic acid		03.12.96	9645	2.11	3.13	mg/kg	39
Butylbenzylphthalate		03.12.96	9645	3.25	3.37	mg/kg	4
Chrysene		03.12.96	9645	2.58	2.67	mg/kg	3

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ADDITIONAL LCS PRECISION (DUPLICATES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	LC1 RESULT	LC2 RESULT	UNIT	RELATIVE % DIFF
Di-n-octylphthalate		03.12.96	9645	2.92	2.99	mg/kg	2
Dibenzo(a,h)anthracene		03.12.96	9645	2.43	2.48	mg/kg	2
Dibenzofuran		03.12.96	9645	2.42	2.48	mg/kg	2
Dibutylphthalate		03.12.96	9645	2.71	2.79	mg/kg	3
Diethylphthalate		03.12.96	9645	2.46	2.54	mg/kg	3
Dimethylphthalate		03.12.96	9645	2.57	2.67	mg/kg	4
Fluoranthene		03.12.96	9645	2.47	2.52	mg/kg	2
Fluorene		03.12.96	9645	2.67	2.71	mg/kg	1
Hexachlorobenzene		03.12.96	9645	2.76	2.74	mg/kg	1
Hexachlorobutadiene		03.12.96	9645	2.89	2.90	mg/kg	0
Hexachlorocyclopentadiene		03.12.96	9645	3.98	4.07	mg/kg	2
Hexachloroethane		03.12.96	9645	3.02	3.14	mg/kg	4
Indeno(1,2,3-c,d)pyrene		03.12.96	9645	2.31	2.63	mg/kg	13
Isophorone		03.12.96	9645	2.65	2.66	mg/kg	0
N-Nitrosodimethylamine		03.12.96	9645	3.97	4.10	mg/kg	3
N-Nitrosodiphenylamine		03.12.96	9645	1.73	1.76	mg/kg	2
N-Nitrosodi-n-propylamine		03.12.96	9645	2.79	3.01	mg/kg	8
Nitrobenzene		03.12.96	9645	2.89	2.93	mg/kg	1
Naphthalene		03.12.96	9645	2.37	2.40	mg/kg	1
Phenanthrene		03.12.96	9645	2.54	2.56	mg/kg	1
Phenol		03.12.96	9645	1.68	2.44	mg/kg	37
Pentachlorophenol		03.12.96	9645	2.23	2.19	mg/kg	2
Pyrene		03.12.96	9645	2.86	2.99	mg/kg	4
Bis(2-chloroethoxy)methane		03.12.96	9645	2.22	2.28	mg/kg	3
Bis(2-chloroethyl)ether		03.12.96	9645	3.27	3.03	mg/kg	8
Bis(2-chloroisopropyl)ether		03.12.96	9645	2.92	2.91	mg/kg	0
Bis(2-ethylhexyl)phthalate		03.12.96	9645	2.92	2.96	mg/kg	1
2-Fluorobiphenyl Reported		03.12.96	9645	1.82	1.76	mg/kg	3
2-Fluorobiphenyl Theo.		03.12.96	9645	1.67	1.67	mg/kg	0
2-Fluorophenol Reported		03.12.96	9645	2.57	2.56	mg/kg	0
2-Fluorophenol Theoretical		03.12.96	9645	2.50	2.50	mg/kg	0
2,4,6-Tribromophenol Rep.		03.12.96	9645	2.91	2.66	mg/kg	9
2,4,6-Tribromophenol Theo.		03.12.96	9645	2.50	2.50	mg/kg	0
Nitrobenzene-d5 Reported		03.12.96	9645	1.78	1.74	mg/kg	2
Nitrobenzene-d5 Theoretical		03.12.96	9645	1.67	1.67	mg/kg	0
Phenol-d5 Reported		03.12.96	9645	3.05	2.99	mg/kg	2
Phenol-d5 Theoretical		03.12.96	9645	2.50	2.50	mg/kg	0
Terphenyl-d14 Reported		03.12.96	9645	1.63	1.61	mg/kg	1
Terphenyl-d14 Theoretical		03.12.96	9645	1.67	1.67	mg/kg	0
2 PCBs							
Date Analyzed		03.13.96	9640	03/13/96	03/13/96	Date	N/A
Date Extracted		03.13.96	9640	03/12/96	03/12/96	Date	N/A
Aroclor 1260		03.13.96	9640	0.291	0.260	mg/kg	11
Decachlorobiphenyl Reported		03.13.96	9640	0.0095	0.0102	mg/kg	7
Decachlorobiphenyl Theoretical		03.13.96	9640	0.0083	0.0083	mg/kg	0

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ADDITIONAL LCS PRECISION (DUPLICATES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	LC1 RESULT	LC2 RESULT	UNIT	RELATIVE % DIFF
Tetrachloro-meta-xylene Rpt.		03.13.96	9640	0.0077	0.0090	mg/kg	16
Tetrachloro-meta-xylene Theor.		03.13.96	9640	0.0083	0.0083	mg/kg	0
3. Diesel/Hydraulic Oil							
Date Analyzed		03.07.96	963008	03/07/96	03/07/96	Date	N/A
Date Extracted		03.07.96	963008	03/07/96	03/07/96	Date	N/A
Naphthalene Reported		03.07.96	963008	67.6	81.2	mg/kg	18
Naphthalene Theoretical		03.07.96	963008	50.0	50.0	mg/kg	0
Vol.Pri.Poll.							
Date Analyzed		03.14.96	9650187	03/14/96	03/13/96	Date	N/A
1,1,1-Trichloroethane		03.14.96	9650187	0.0459	0.0395	mg/kg	15
1,1,2,2-Tetrachloroethane		03.14.96	9650187	0.0438	0.0504	mg/kg	14
1,1,2-Trichloroethane		03.14.96	9650187	0.0446	0.0497	mg/kg	11
1,1-Dichloroethane		03.14.96	9650187	0.0414	0.0407	mg/kg	2
1,1-Dichloroethene		03.14.96	9650187	0.0395	0.0411	mg/kg	4
1,2-Dichloroethane		03.14.96	9650187	0.0358	0.0370	mg/kg	3
1,2-Dichlorobenzene		03.14.96	9650187	0.0468	0.0473	mg/kg	1
1,2-Dichloropropane		03.14.96	9650187	0.0404	0.0424	mg/kg	5
1,3-Dichlorobenzene		03.14.96	9650187	0.0475	0.0473	mg/kg	0
1,4-Dichlorobenzene		03.14.96	9650187	0.0463	0.0467	mg/kg	1
2-Chloroethyl vinyl ether		03.14.96	9650187	0.0152	0.0268	mg/kg	55
2-Hexanone		03.14.96	9650187	0.0377	0.0493	mg/kg	27
Acetone		03.14.96	9650187	0.0255	0.0376	mg/kg	38
Acrolein		03.14.96	9650187	0.0818	0.126	mg/kg	43
Acrylonitrile		03.14.96	9650187	0.324	0.432	mg/kg	29
Bromodichloromethane		03.14.96	9650187	0.0463	0.0497	mg/kg	7
Bromomethane		03.14.96	9650187	0.0542	0.0461	mg/kg	16
Benzene		03.14.96	9650187	0.0407	0.0405	mg/kg	0
Bromoform		03.14.96	9650187	0.0433	0.0475	mg/kg	9
Chlorobenzene		03.14.96	9650187	0.0470	0.0492	mg/kg	5
Carbon Tetrachloride		03.14.96	9650187	0.0440	0.0422	mg/kg	4
Chloroethane		03.14.96	9650187	0.0675	0.0538	mg/kg	23
Chloroform		03.14.96	9650187	0.0395	0.0373	mg/kg	6
Chloromethane		03.14.96	9650187	0.0480	0.0491	mg/kg	2
Carbon Disulfide		03.14.96	9650187	0.0388	0.0401	mg/kg	3
Dibromochloromethane		03.14.96	9650187	0.0448	0.0476	mg/kg	6
Ethylbenzene		03.14.96	9650187	0.0480	0.0497	mg/kg	3
Freon 113		03.14.96	9650187	0.0536	0.0487	mg/kg	10
Methyl ethyl ketone		03.14.96	9650187	0.0271	0.0366	mg/kg	30
Methyl isobutyl ketone		03.14.96	9650187	0.0332	0.0477	mg/kg	36
Methylene chloride		03.14.96	9650187	0.0396	0.0410	mg/kg	3
Styrene		03.14.96	9650187	0.0466	0.0476	mg/kg	2
Trichloroethene		03.14.96	9650187	0.0391	0.0382	mg/kg	2
Trichlorofluoromethane		03.14.96	9650187	0.0575	0.0526	mg/kg	9
Toluene		03.14.96	9650187	0.0450	0.0484	mg/kg	7
Tetrachloroethene		03.14.96	9650187	0.0470	0.0504	mg/kg	7

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ADDITIONAL LCS PRECISION (DUPLICATES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	LC1 RESULT	LC2 RESULT	UNIT	RELATIVE % DIFF
Vinyl acetate		03.14.96	9650187	0.0226	0.0466	mg/kg	69 Q
Vinyl chloride		03.14.96	9650187	0.0591	0.0471	mg/kg	23
Total Xylene Isomers		03.14.96	9650187	0.145	0.149	mg/kg	3
cis-1,2-Dichloroethene		03.14.96	9650187	0.0421	0.0419	mg/kg	0
cis-1,3-Dichloropropene		03.14.96	9650187	0.0428	0.0494	mg/kg	14
trans-1,2-Dichloroethene		03.14.96	9650187	0.0415	0.0415	mg/kg	0
trans-1,3-Dichloropropene		03.14.96	9650187	0.0417	0.0489	mg/kg	16
1,2-Dichloroethane-d4 Rep.		03.14.96	9650187	0.0480	0.0486	mg/kg	1
1,2-Dichloroethane-d4 Theo.		03.14.96	9650187	0.0500	0.0500	mg/kg	0
4-Bromofluorobenzene Rep.		03.14.96	9650187	0.0481	0.0473	mg/kg	2
4-Bromofluorobenzene Theo.		03.14.96	9650187	0.0500	0.0500	mg/kg	0
Toluene-d8 Reported		03.14.96	9650187	0.0511	0.0499	mg/kg	2
Toluene-d8 Theo.		03.14.96	9650187	0.0500	0.0500	mg/kg	0

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MATRIX QC ACCURACY (SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS %	MSD %	TRUE RESULT	UNIT	
PCBs	9602506*1							
Aroclor 1260		03.12.96	9640	NC	NC	0.48	mg/kg	NC
Decachlorobiphenyl Reported		03.12.96	9640	100	100	0.0113	mg/kg	
Decachlorobiphenyl Theoretical		03.12.96	9640	100	100	0.0083	mg/kg	
Tetrachloro-meta-xylene Rpt.		03.12.96	9640	100	100	0.0090	mg/kg	
Tetrachloro-meta-xylene Theor.		03.12.96	9640	100	100	0.0083	mg/kg	
Diesel/Hydraulic Oil	9602506*3							
Hydraulic Oil		03.07.96	963008	111	105	587	mg/kg	
Diesel		03.07.96	963008	126	121	500	mg/kg	
Naphthalene Reported		03.07.96	963008	186 Q	199 Q	50.0	mg/kg	Q
Naphthalene Theoretical		03.07.96	963008	100	100	50.0	mg/kg	
Gasoline	9602506*3							
Gasoline		03.07.96	963008	170	156	500	mg/kg	
Naphthalene Reported		03.07.96	963008	172 Q	165 Q	50.0	mg/kg	Q
Naphthalene Theoretical		03.07.96	963008	100	100	50.0	mg/kg	

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MATRIX QC PRECISION (DUPLICATE SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS RESULT	MSD RESULT	UNIT	RELATIVE % DIFF
1. PCBs 9602506*1							
Date Analyzed		03.12.96	9640	03/12/96	03/12/96	Date	N/A
Date Extracted		03.12.96	9640	03/12/96	03/12/96	Date	N/A
Aroclor 1260		03.12.96	9640	0.48	0.48	mg/kg	0
Decachlorobiphenyl Reported		03.12.96	9640	0.0113	0.0113	mg/kg	0
Decachlorobiphenyl Theoretical		03.12.96	9640	0.0083	0.0083	mg/kg	0
Tetrachloro-meta-xylene Rpt.		03.12.96	9640	0.0090	0.0090	mg/kg	0
Tetrachloro-meta-xylene Theor.		03.12.96	9640	0.0083	0.0083	mg/kg	0
2. Diesel/Hydraulic Oil 9602506*3							
Date Analyzed		03.07.96	963008	03/07/96	03/07/96	Date	N/A
Date Extracted		03.07.96	963008	03/07/96	03/07/96	Date	N/A
Hydraulic Oil		03.07.96	963008	640	614	mg/kg	4
Diesel		03.07.96	963008	628	603	mg/kg	4
Naphthalene Reported		03.07.96	963008	92.8	99.4	mg/kg	7
Naphthalene Theoretical		03.07.96	963008	50.0	50.0	mg/kg	0
3. Gasoline 9602506*3							
Date Analyzed		03.07.96	963008	03/07/96	03/07/96	Date	N/A
Date Extracted		03.07.96	963008	03/07/96	03/07/96	Date	N/A
Gasoline		03.07.96	963008	851	778	mg/kg	9
Naphthalene Reported		03.07.96	963008	86.2	82.3	mg/kg	5
Naphthalene Theoretical		03.07.96	963008	50.0	50.0	mg/kg	0

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METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
Semi-volatiles	B603671*1					
Date Analyzed	03.12.96	9645	03/12/96	NA	Date	8270
Date Extracted	03.12.96	9645	03/12/96	NA	Date	8270
1,2,4-Trichlorobenzene	03.12.96	9645	0	0.2	mg/kg	8270
1,2-Dichlorobenzene	03.12.96	9645	0	0.2	mg/kg	8270
1,2-Diphenylhydrazine	03.12.96	9645	0	0.2	mg/kg	8270
1,3-Dichlorobenzene	03.12.96	9645	0	0.2	mg/kg	8270
1,4-Dichlorobenzene	03.12.96	9645	0	0.2	mg/kg	8270
2,4,5-Trichlorophenol	03.12.96	9645	0	0.2	mg/kg	8270
2,4,6-Trichlorophenol	03.12.96	9645	0	0.2	mg/kg	8270
2,4-Dichlorophenol	03.12.96	9645	0	0.2	mg/kg	8270
2,4-Dimethylphenol	03.12.96	9645	0	0.2	mg/kg	8270
2,4-Dinitrophenol	03.12.96	9645	0	0.4	mg/kg	8270
2,4-Dinitrotoluene	03.12.96	9645	0	0.2	mg/kg	8270
2,6-Dinitrotoluene	03.12.96	9645	0	0.2	mg/kg	8270
2-Chloronaphthalene	03.12.96	9645	0	0.2	mg/kg	8270
2-Chlorophenol	03.12.96	9645	0	0.2	mg/kg	8270
2-Methyl-4,6-dinitrophenol	03.12.96	9645	0	0.2	mg/kg	8270
2-Methylnaphthalene	03.12.96	9645	0	0.2	mg/kg	8270
2-Methylphenol (o-Cresol)	03.12.96	9645	0	0.2	mg/kg	8270
2-Nitroaniline	03.12.96	9645	0	0.2	mg/kg	8270
2-Nitrophenol	03.12.96	9645	0	0.2	mg/kg	8270
3,3'-Dichlorobenzidine	03.12.96	9645	0	0.4	mg/kg	8270
3-Nitroaniline	03.12.96	9645	0	0.2	mg/kg	8270
4-Bromophenylphenylether	03.12.96	9645	0	0.2	mg/kg	8270
4-Chloro-3-methylphenol	03.12.96	9645	0	0.2	mg/kg	8270
4-Chloroaniline	03.12.96	9645	0	0.2	mg/kg	8270
4-Chlorophenylphenylether	03.12.96	9645	0	0.2	mg/kg	8270
4-Methylphenol (p-Cresol)	03.12.96	9645	0	0.4	mg/kg	8270
4-Nitroaniline	03.12.96	9645	0	0.2	mg/kg	8270
4-Nitrophenol	03.12.96	9645	0	0.2	mg/kg	8270
Acenaphthene	03.12.96	9645	0	0.2	mg/kg	8270
Acenaphthylene	03.12.96	9645	0	0.2	mg/kg	8270
Aniline	03.12.96	9645	0	0.2	mg/kg	8270
Anthracene	03.12.96	9645	0	0.2	mg/kg	8270
Benzidine	03.12.96	9645	0	4	mg/kg	8270
Benzo(a)anthracene	03.12.96	9645	0	0.2	mg/kg	8270
Benzo(a)pyrene	03.12.96	9645	0	0.2	mg/kg	8270
Benzo(b)fluoranthene	03.12.96	9645	0	0.2	mg/kg	8270
Benzo(g,h,i)perylene	03.12.96	9645	0	0.2	mg/kg	8270
Benzo(k)fluoranthene	03.12.96	9645	0	0.2	mg/kg	8270
Benzyl Alcohol	03.12.96	9645	0	0.4	mg/kg	8270
Benzoic acid	03.12.96	9645	0	2	mg/kg	8270
Butylbenzylphthalate	03.12.96	9645	0	0.2	mg/kg	8270
Chrysene	03.12.96	9645	0	0.2	mg/kg	8270

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METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
Di-n-octylphthalate	03.12.96	9645	0	0.2	mg/kg	8270
Dibenzo(a,h)anthracene	03.12.96	9645	0	0.2	mg/kg	8270
Dibenzofuran	03.12.96	9645	0	0.2	mg/kg	8270
Dibutylphthalate	03.12.96	9645	0.0057	0.2	mg/kg	8270
Diethylphthalate	03.12.96	9645	0	0.2	mg/kg	8270
Dimethylphthalate	03.12.96	9645	0	0.2	mg/kg	8270
Fluoranthene	03.12.96	9645	0	0.2	mg/kg	8270
Fluorene	03.12.96	9645	0	0.2	mg/kg	8270
Hexachlorobenzene	03.12.96	9645	0	0.2	mg/kg	8270
Hexachlorobutadiene	03.12.96	9645	0	0.2	mg/kg	8270
Hexachlorocyclopentadiene	03.12.96	9645	0	0.2	mg/kg	8270
Hexachloroethane	03.12.96	9645	0	0.2	mg/kg	8270
Indeno(1,2,3-c,d)pyrene	03.12.96	9645	0	0.2	mg/kg	8270
Isophorone	03.12.96	9645	0	0.2	mg/kg	8270
N-Nitrosodimethylamine	03.12.96	9645	0	0.2	mg/kg	8270
N-Nitrosodiphenylamine	03.12.96	9645	0	0.2	mg/kg	8270
N-Nitrosodi-n-propylamine	03.12.96	9645	0	0.2	mg/kg	8270
Nitrobenzene	03.12.96	9645	0	0.2	mg/kg	8270
Naphthalene	03.12.96	9645	0	0.2	mg/kg	8270
Phenanthrene	03.12.96	9645	0	0.2	mg/kg	8270
Phenol	03.12.96	9645	0	0.2	mg/kg	8270
Pentachlorophenol	03.12.96	9645	0	0.2	mg/kg	8270
Pyrene	03.12.96	9645	0	0.2	mg/kg	8270
Pyridine	03.12.96	9645	0	0.4	mg/kg	8270
Bis(2-chloroethoxy)methane	03.12.96	9645	0	0.2	mg/kg	8270
Bis(2-chloroethyl)ether	03.12.96	9645	0	0.2	mg/kg	8270
Bis(2-chloroisopropyl)ether	03.12.96	9645	0	0.2	mg/kg	8270
Bis(2-ethylhexyl)phthalate	03.12.96	9645	0.0070	0.4	mg/kg	8270
2-Fluorobiphenyl Reported	03.12.96	9645	1.36	0.2	mg/kg	8270
2-Fluorobiphenyl Theo.	03.12.96	9645	1.67	NA	mg/kg	8270
2-Fluorophenol Reported	03.12.96	9645	1.87	0.2	mg/kg	8270
2-Fluorophenol Theoretical	03.12.96	9645	2.50	NA	mg/kg	8270
2,4,6-Tribromophenol Rep.	03.12.96	9645	1.71	0.2	mg/kg	8270
2,4,6-Tribromophenol Theo.	03.12.96	9645	2.50	NA	mg/kg	8270
Nitrobenzene-d5 Reported	03.12.96	9645	1.27	0.2	mg/kg	8270
Nitrobenzene-d5 Theoretical	03.12.96	9645	1.67	NA	mg/kg	8270
Phenol-d5 Reported	03.12.96	9645	2.40	0.2	mg/kg	8270
Phenol-d5 Theoretical	03.12.96	9645	2.50	NA	mg/kg	8270
Terphenyl-d14 Reported	03.12.96	9645	1.27	0.2	mg/kg	8270
Terphenyl-d14 Theoretical	03.12.96	9645	1.67	NA	mg/kg	8270
PCBs		B603666*1				
Date Analyzed	03.12.96	9640	03/12/96	NA	Date	8080
Date Extracted	03.12.96	9640	03/12/96	NA	Date	8080
Aroclor 1016	03.12.96	9640	0	0.03	mg/kg	8080
Aroclor 1221	03.12.96	9640	0	0.03	mg/kg	8080

BC ANALYTICAL

ORDER QC REPORT FOR G9602506

Page 3

[TE REPORTED : 05/06/96

METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
Aroclor 1232	03.12.96	9640	0	0.03	mg/kg	8080
Aroclor 1242	03.12.96	9640	0	0.03	mg/kg	8080
Aroclor 1248	03.12.96	9640	0	0.03	mg/kg	8080
Aroclor 1254	03.12.96	9640	0	0.03	mg/kg	8080
Aroclor 1260	03.12.96	9640	0	0.03	mg/kg	8080
Decachlorobiphenyl Reported	03.12.96	9640	0.0085	0.002	mg/kg	8080
Decachlorobiphenyl Theoretical	03.12.96	9640	0.0083	NA	mg/kg	8080
Tetrachloro-meta-xylene Rpt.	03.12.96	9640	0.0082	0.002	mg/kg	8080
Tetrachloro-meta-xylene Theor.	03.12.96	9640	0.0083	NA	mg/kg	8080
3 Gasoline		B603667*1				
Date Analyzed	03.07.96	963008	03/07/96	NA	Date	8015M
Date Extracted	03.07.96	963008	03/07/96	NA	Date	8015M
Gasoline	03.07.96	963008	0	NA	mg/kg	8015M
Naphthalene Reported	03.07.96	963008	60.3	1	mg/kg	8015M
Naphthalene Theoretical	03.07.96	963008	50.0	NA	mg/kg	8015M
4. Diesel/Hydraulic Oil		B603668*1				
Date Analyzed	03.07.96	963008	03/07/96	NA	Date	8015M
Date Extracted	03.07.96	963008	03/07/96	NA	Date	8015M
Hydraulic Oil	03.07.96	963008	0	NA	mg/kg	8015M
Diesel	03.07.96	963008	0	10	mg/kg	8015M
Naphthalene Reported	03.07.96	963008	42.9	1	mg/kg	8015M
Naphthalene Theoretical	03.07.96	963008	50.0	NA	mg/kg	8015M
5. Vol.Pri.Poll.		B603724*1				
Date Analyzed	03.13.96	9650187	03/13/96	NA	Date	8240
1,1,1-Trichloroethane	03.13.96	9650187	0	0.005	mg/kg	8240
1,1,2,2-Tetrachloroethane	03.13.96	9650187	0	0.005	mg/kg	8240
1,1,2-Trichloroethane	03.13.96	9650187	0	0.005	mg/kg	8240
1,1-Dichloroethane	03.13.96	9650187	0	0.005	mg/kg	8240
1,1-Dichloroethene	03.13.96	9650187	0	0.005	mg/kg	8240
1,2-Dichloroethane	03.13.96	9650187	0	0.005	mg/kg	8240
1,2-Dichlorobenzene	03.13.96	9650187	0	0.005	mg/kg	8240
1,2-Dichloropropane	03.13.96	9650187	0	0.005	mg/kg	8240
1,3-Dichlorobenzene	03.13.96	9650187	0	0.005	mg/kg	8240
1,4-Dichlorobenzene	03.13.96	9650187	0	0.005	mg/kg	8240
2-Chloroethylvinylether	03.13.96	9650187	0	0.005	mg/kg	8240
2-Hexanone	03.13.96	9650187	0	0.03	mg/kg	8240
Acetone	03.13.96	9650187	0.012	0.1	mg/kg	8240
Acrolein	03.13.96	9650187	0	0.3	mg/kg	8240
Acrylonitrile	03.13.96	9650187	0	0.3	mg/kg	8240
Bromodichloromethane	03.13.96	9650187	0	0.005	mg/kg	8240
Bromomethane	03.13.96	9650187	0	0.005	mg/kg	8240
Benzene	03.13.96	9650187	0	0.005	mg/kg	8240
Bromoform	03.13.96	9650187	0	0.005	mg/kg	8240
Chlorobenzene	03.13.96	9650187	0	0.005	mg/kg	8240
Carbon Tetrachloride	03.13.96	9650187	0	0.005	mg/kg	8240

BC ANALYTICAL

ORDER QC REPORT FOR G9602506

DATE REPORTED : 05/06/96

Page 4

METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
Chloroethane	03.13.96	9650187	0	0.005	mg/kg	8240
Chloroform	03.13.96	9650187	0	0.005	mg/kg	8240
Chloromethane	03.13.96	9650187	0	0.005	mg/kg	8240
Carbon Disulfide	03.13.96	9650187	0	0.01	mg/kg	8240
Dibromochloromethane	03.13.96	9650187	0	0.005	mg/kg	8240
Ethylbenzene	03.13.96	9650187	0	0.005	mg/kg	8240
Freon 113	03.13.96	9650187	0	0.01	mg/kg	8240
Methyl ethyl ketone	03.13.96	9650187	0	0.03	mg/kg	8240
Methyl isobutyl ketone	03.13.96	9650187	0	0.03	mg/kg	8240
Methylene chloride	03.13.96	9650187	0.0016	0.005	mg/kg	8240
Styrene	03.13.96	9650187	0	0.005	mg/kg	8240
Trichloroethene	03.13.96	9650187	0	0.005	mg/kg	8240
Trichlorofluoromethane	03.13.96	9650187	0	0.005	mg/kg	8240
Toluene	03.13.96	9650187	0	0.005	mg/kg	8240
Tetrachloroethene	03.13.96	9650187	0	0.005	mg/kg	8240
Vinyl acetate	03.13.96	9650187	0	0.05	mg/kg	8240
Vinyl chloride	03.13.96	9650187	0	0.005	mg/kg	8240
Total Xylene Isomers	03.13.96	9650187	0	0.02	mg/kg	8240
cis-1,2-Dichloroethene	03.13.96	9650187	0	0.005	mg/kg	8240
cis-1,3-Dichloropropene	03.13.96	9650187	0	0.005	mg/kg	8240
trans-1,2-Dichloroethene	03.13.96	9650187	0	0.005	mg/kg	8240
trans-1,3-Dichloropropene	03.13.96	9650187	0	0.005	mg/kg	8240
1,2-Dichloroethane-d4 Rep.	03.13.96	9650187	0.0472	0.005	mg/kg	8240
1,2-Dichloroethane-d4 Theo.	03.13.96	9650187	0.0500	NA	mg/kg	8240
4-Bromofluorobenzene Rep.	03.13.96	9650187	0.0478	0.005	mg/kg	8240
4-Bromofluorobenzene Theo.	03.13.96	9650187	0.0500	NA	mg/kg	8240
Toluene-d8 Reported	03.13.96	9650187	0.0476	0.005	mg/kg	8240
Toluene-d8 Theo.	03.13.96	9650187	0.0500	NA	mg/kg	8240

CHAIN OF CUSTODY RECORD

BCA Log Number

02000101

Client name: MARIS & Associates		Project or PO#: 185-1-1-013											
Address: 221 Main St, 92400		Phone #: 951-213-2985											
City, State, Zip: SF, CA 94102		Report attention: FORWARDED FOR											
Lab Sample number	Date sampled	Time sampled	Type See key below	Sampled by	Sample description	Number of containers	Analyses required				Remarks		
							Y	N	Y	N			
1	3/1/96	1136	SL	JAC	2.0'	1							
2		1150			3.0'	1							
3		1223			1.0'	1							
4		1351			3.1'	1							
5		1421			1.1'	1							
6		1558			3.3'	1							
7		1536			2.1'	1							
8		1600			2.3'	1							
Relinquished by				Signature		Print Name		Company		Date		Time	
Received by				Signature		Print Name		Company		Date		Time	
Relinquished by				Signature		Print Name		Company		Date		Time	
Received by				Signature		Print Name		Company		Date		Time	
Relinquished by				Signature		Print Name		Company		Date		Time	
Received by				Signature		Print Name		Company		Date		Time	
Relinquished by				Signature		Print Name		Company		Date		Time	
Received by				Signature		Print Name		Company		Date		Time	

BC ANALYTICAL

1085 Shary Circle, Concord, CA 94518 (510) 825-3894
 801 Western Avenue, Glendale, CA 91201 (818) 247-5737
 1000 Gene ... Way, Ar ... CA 90009 (714) 999-1133

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.
 Hazardous samples will be returned to client or disposed of at client's expense.

Disposal arrangements: _____

*KEY: AG—Aqueous NA—Nonaqueous SL—Sludge
 GW—Groundwater SO—Soil PE—Petroleum

APPENDIX C

NON-HAZARDOUS WASTE MANIFEST

WITH #001713

NON-HAZARDOUS

001716
1.0T

MATERIALS MANIFEST

GENERATOR

Scars

Site Address: 9000 Northgate San Rafael CA
Mailing: Dept 824 C 3333 Beverly Rd, Hallman Estates IL 60179
Phone: (817) 286-8686 Contact: Gary Taylor

TRANSPORTER

Dem Beste Transportation

Address: 930 Shulah Rd Bldg 44
Windsor CA 95492
Phone: (707) 838-1407 Contact: Lori Dem Beste

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Name: Steve Moran Signature: [Signature]
Truck No: 15 Ship Date: 4-30-96
Time of Pick-Up: 11:00 Am Time of Delivery: _____

Consultant/Owner

Dames + Moore

Address: 221 Main St Ste 600
SE CA 94105
Phone: (415) 896-5858 Contact: Branden Born

I hereby certify that the above named material is consistent with the information presented in the Waste Characterization Form and Contaminated Soil Description Form, and has been properly described, classified and packaged, and is in proper condition for transport according to applicable regulation.

Name: [Signature] Date: 4/24/96

Recycling Facility

REMEDIAL ENVIRONMENTAL MARKETING CO. INC.
2717 GOODRICK AVENUE RICHMOND, CA 94801

RECEIVED BY: [Signature]
DATE: 4/30/96
Control No: P 180

A COPY OF THIS SHEET MUST ACCOMPANY EVERY LOAD, AND MUST BE SUBMITTED AT THE GATE FOR ENTRY. ALL LOADS MUST BE SCHEDULED AT LEAST 24 HOURS IN ADVANCE. DELIVERIES MUST BE SCHEDULED ON A DAILY BASIS. ANY UNSCHEDULED LOADS MAY BE REFUSED AT THE GATE.



March 23, 1999

Captain Bradley Mark
City of San Rafael Fire Department
Hazardous Materials Division
1039 C Street
San Rafael, CA 94901

Subject: Request for Closure
Sears, Roebuck and Co. Automotive Center No. 1528
9000 Northgate Mall
San Rafael, California

Dear Captain Mark:

IT Corporation (formerly Fluor Daniel GTI), on behalf of Sears, Roebuck and Co. (Sears), submits this information to substantiate no further action at the subject site. See attachment 1, figure 1 for the site location, figure 2 for a plot plan showing existing site features, figures 3 and 4 for soil analytical results and their respective locations. Analytical results are provided in attachment 2, and include tables 1, 2, and 3, with laboratory data. Analytical laboratory results are provided in attachment 3. The Underground Storage Tank Closure Review Form is provided in attachment 4, and waste removal documentation is provided in attachment 5.

Closure is requested on the basis of:

- Hydrocarbon source removal completed four years ago: several underground storage tanks (USTs) removed containing gasoline, used-oil, and motor oil. Product lines and fuel dispenser islands were removed between November 29, and December 1, 1994 as described in the *Dispenser Island and Product Line Removal Report* for Sears Store 1528, dated July 1, 1996 (Fluor Daniel GTI, 1996).
- Approximately 32 cubic yards of hydrocarbon-impacted, soil was removed from the site in May 1995.
- Original concentrations of compounds detected at a maximum depth of 4 feet below grade (bg).
- Highest concentrations of compounds originally reported in excavated soil removed from site.
- Impacted soil is within the upper 3 to 4 feet of the subsurface and attenuates with increased depths.

IT Corporation

757 Arnold Drive, Suite D
Martinez, CA 94553-6526
Tel. 925.370.3990
Fax. 925.370.3991

A Member of The IT Group

- Site remains covered with asphalt, which prevents surface infiltration and flushing of hydrocarbons in soil into groundwater.

Based on available site information, IT Corporation proposes that this site meets State Water Resources Control Board criteria for closure as low-risk. Site closure concurrence is therefore requested of the San Rafael Fire Department. Attached please find a UST closure request form (based on Environmental Protection Agency [EPA] format).

GEOLOGY AND HYDROGEOLOGY

According to the visual observations during excavation, soil types at the site consist primarily of 4 to 6 inches of gravels over a gravelly, moist clay mixture, to a depth of 4 feet, the maximum depth explored. IT Corporation encountered non-native sands in pipe trenches and immediately beneath fuel islands. Site-specific lithology cannot be determined as the maximum depth explored was 4 feet below grade. Groundwater was not encountered during excavation.

CLOSURE GOALS

In alignment with current State UST Reimbursement Fund policies, the goals of hydrocarbon remediation at this site include: 1) removal of the primary source of the hydrocarbon-impaction (USTs), removal of product lines, motor and used oil lines, and fuel dispensers. 2) overexcavation and removal of impacted soil to off-site facility for thermal treatment. 3) Delineation of plume migration.

Hydrocarbon Source Removal

Information provided by Sears indicates two USTs containing gasoline, one UST containing used-oil, an unknown number of motor oil USTs and the product dispensers were removed during demolition activity prior to 1994. The exact dates of the UST removal are not known. IT Corporation was not supplied with additional information relating to the UST removal and is not aware of any other subsurface investigations, current or other conducted at this site.

Demolition and removal of the dispenser islands and product lines took place between November 29, and December 1, 1994 (Fluor Daniel GTI, July 1996). The dispenser islands, gasoline product lines, vent lines, motor oil supply lines, and used-oil lines were removed by Norm Wilson and Sons, Inc., Paramount, California. Soil samples were collected beneath the dispenser islands, along the product

line trenches and lateral and vertical extent of the excavation to characterize the stockpiled soil for disposal under the direction of the San Rafael Fire Department (SRFD) in San Rafael California.

A total of 17 soil samples were collected from underneath the dispenser islands, gasoline product lines, vent lines, and the lateral and vertical extent of the excavation at depths of 2 to 4 feet beneath the piping on November 29, 1994. Soil samples collected were analyzed for:

- total petroleum hydrocarbons as gasoline, TPH-g; (EPA Method 8015 Modified)
- benzene, toluene, ethylbenzene, and total xylenes, BTEX; (EPA Method 8020)
- total lead, (EPA Method 6010)

Five soil samples were collected from underneath the used-oil lines, oil supply lines, and motor oil supply lines at 5 feet below the piping. The soil samples were analyzed for:

- total petroleum hydrocarbons as gasoline, TPH-g; (EPA Method 8015 Modified)
- total petroleum hydrocarbons as diesel, TPH-d; (EPA Method 8015 Modified)
- total recoverable petroleum hydrocarbons, TRPH; (EPA Method 418.1)
- volatile organic compounds, VOCs; (EPA Methods 8240)
- California Assessment Manual (CAM) for metals; (EPA 6000/7000 series analysis)

Concentrations of hydrocarbons were not detected in any of the soil samples from the dispenser island, product line and main trench areas. Concentrations of total lead were detected in 16 of the 17 soil samples from the dispenser island and product line and main trench areas, with a maximum of 11 milligrams per kilogram (mg/kg) total lead reported in sample number BTE-1/3 from fuel island B at 3 feet bg.

No concentrations of hydrocarbons or VOCs were reported in the samples collected from the dispenser Island area (table 1). Concentrations of TRPH were detected in three of the five soil samples from the motor and used oil product line areas, with a maximum of 19 mg/kg in sample WO-2/4, at 4 feet bg from the used oil supply line area. CAM metals results indicated maximum concentrations of 210 mg/kg for total chromium in sample NO-3/5 at 2 feet bg from the motor oil supply line area.

Reduction of Residual Hydrocarbons

Currently there are no open excavations or construction projects at the site that would expose soil containing hydrocarbons. The site is covered with asphalt and concrete and there does not appear to be any potential risk of exposing the public to soil containing hydrocarbons.

REQUEST FOR CLOSURE

In alignment with current SRFD policies, site closure is requested at this site. No additional work is planned at this site pending agency response to this request for closure.

Please contact Melissa Gossell at (925) 370-3990, extension 266 if you have questions or comments about this correspondence.

Sincerely,
IT CORPORATION
Submitted by:

IT CORPORATION
Approved by:

Kevin McIlvenna for I.C.M.
Kevin McIlvenna
Staff Environmental Scientist

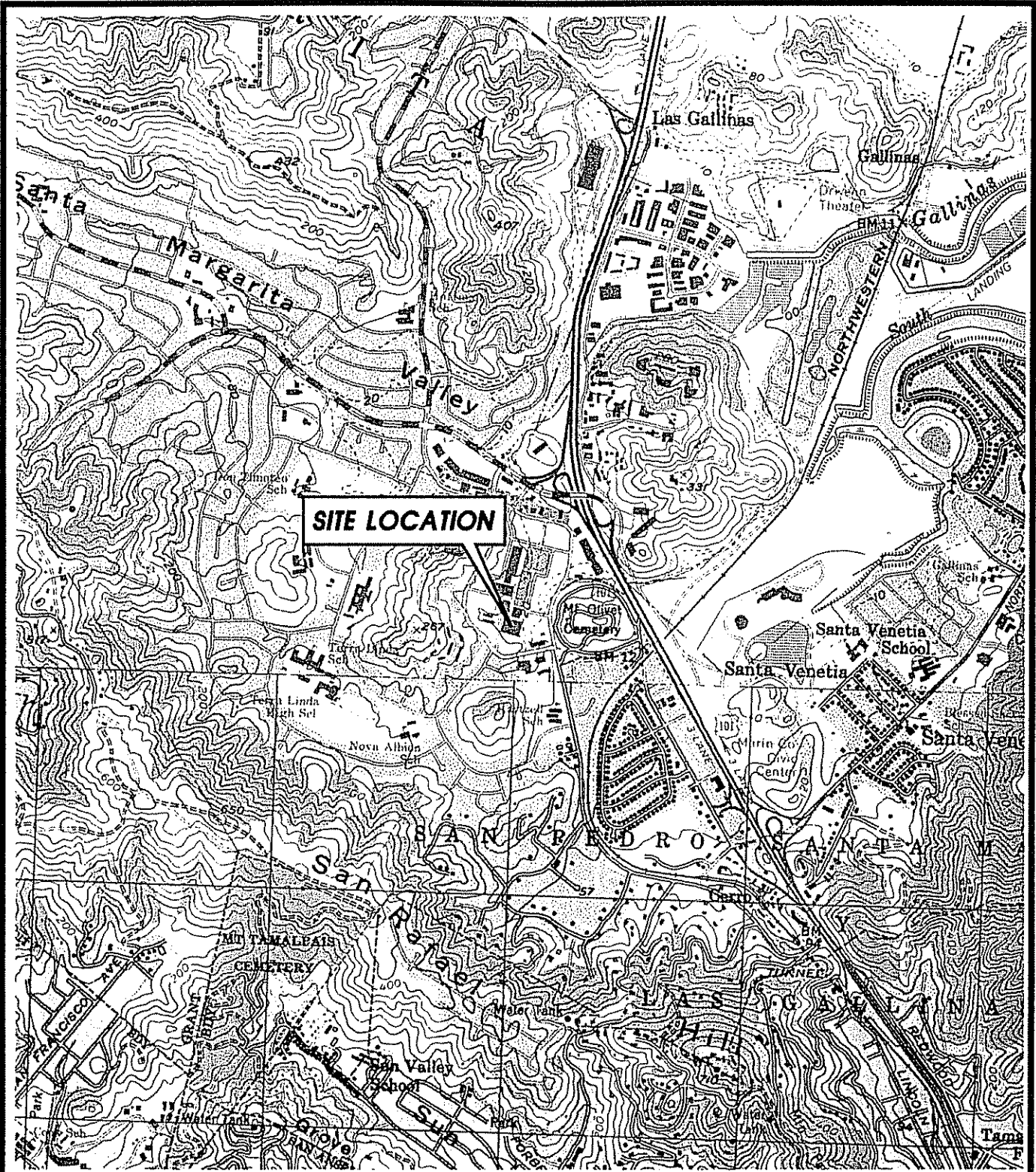
Melissa Gossell
Melissa Gossell, R.E.A.
West Zone Project Manager

c: Scott DeMuth, Sears
USA Petroleum File
Russ Zora, Central Files, Lenexa, KS
Project File

Attachments

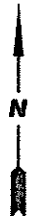
1. Figures
2. Data Tables
3. Analytical Laboratory Reports
4. Underground Storage Tank Closure Review Form
5. Waste Removal Documentation

Attachment 1
Figures



ITT CORPORATION

SOURCE: U.S.G.S. 7.5' QUAD SHEETS
NOVATO & SAN RAFAEL, CALIFORNIA
PHOTOREVISED 1980



SCALE:

0 FEET 2000

SITE LOCATION MAP

CLIENT:

SEARS ROEBUCK, & COMPANY
STORE NUMBER 1528

DATE:

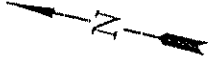
11/20/98

LOCATION:

9000 NORTHGATE MALL
SAN RAFAEL, CALIFORNIA

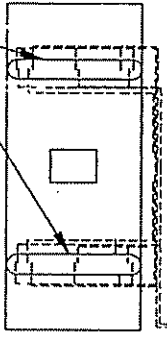
FIGURE:

1



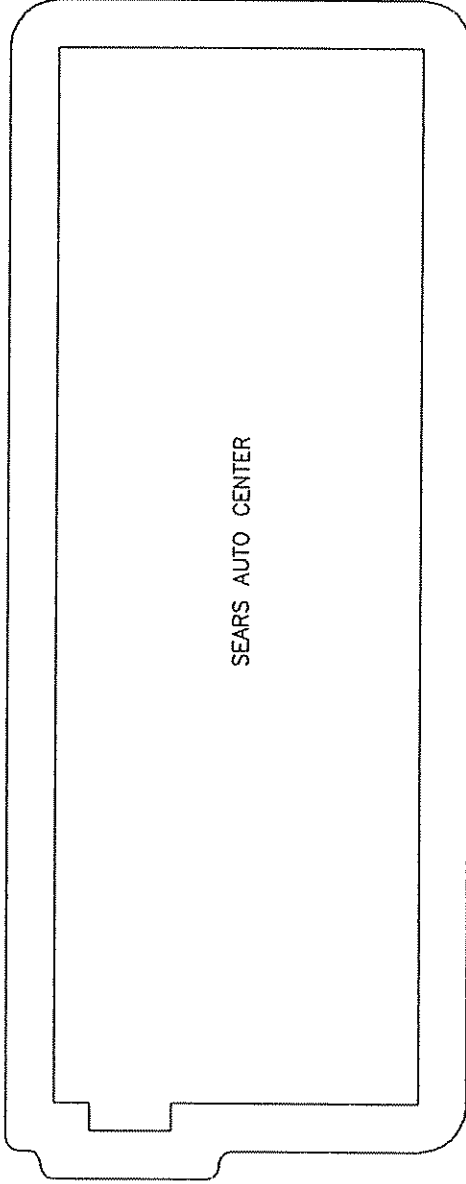
LOS RANCHITOS ROAD

FORMER
DISPENSER
ISLANDS



FORMER
UNDERGROUND
STORAGE TANKS

FORMER
USED OIL TANK
(APPROX. LOC.) []



SEARS AUTO CENTER

NOTE:

1. MAP ADAPTED FROM SITE PLAN, PARKIN ARCHITECTS,
ENGINEERS & PLANNERS, 05/17/71.



FLUOR DANIEL GTI

0025SM (1:480)

REV.:

0 FEET
SCALE



PROJECT NO.:
020200025

CLIENT:
SEARS MERCHANDISE GROUP
STORE No. 1528

LOCATION:
9000 NORTHGATE MALL
SAN RAFAEL, CA

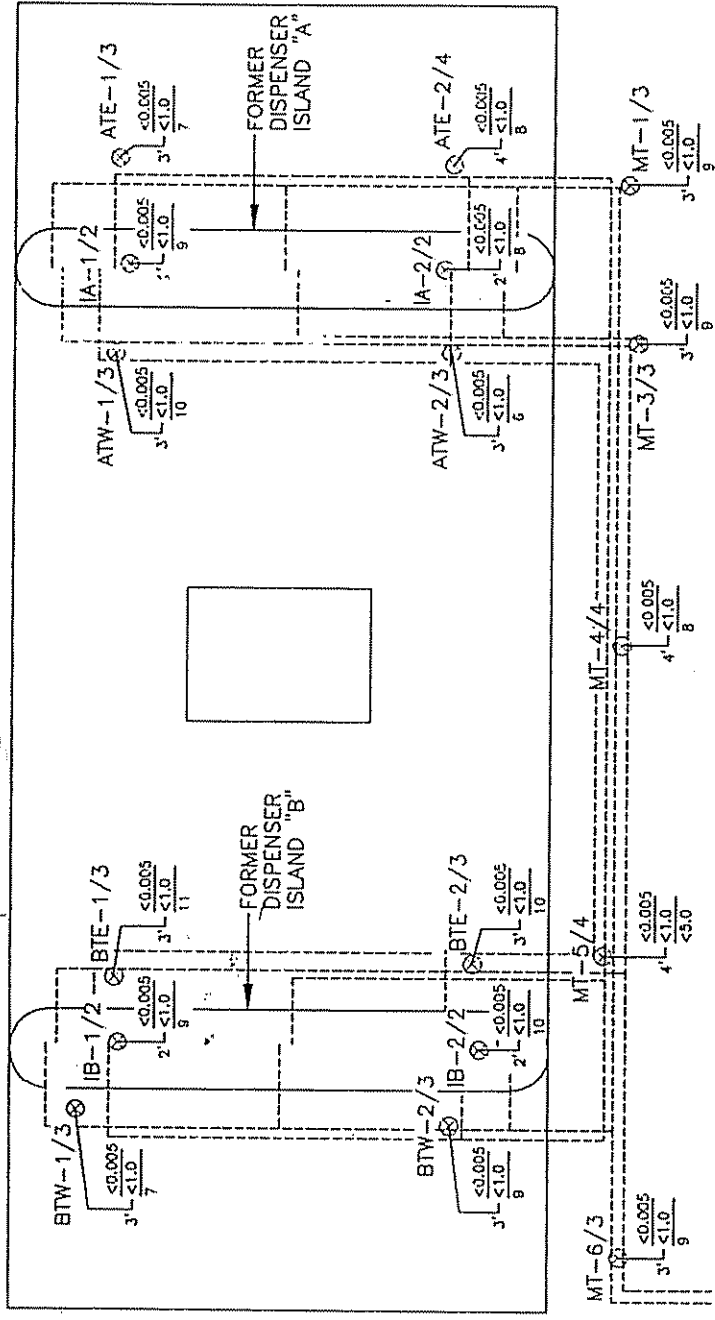
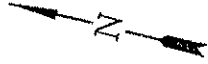
DES.: PM
DET.: PJWH
DATE: 12/20/94

SITE PLAN

PM:

PE/RG:

FIGURE:
2



EXPLANATION

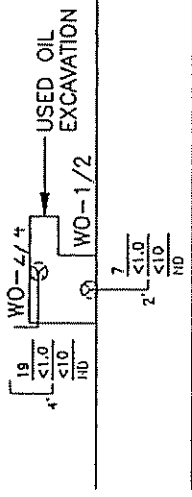
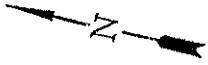
- ⊙ SOIL SAMPLE LOCATION
- ⊙ <math>\frac{≤ 0.005}{≤ 1.0}</math> BENZENE (mg/kg)
- ⊙ <math>\frac{≤ 0.005}{≤ 1.0}</math> TPH AS GASOLINE (mg/kg)
- ⊙ <math>\frac{≤ 0.005}{≤ 1.0}</math> TOTAL LEAD (mg/kg)
- ⊙ <math>\frac{≤ 0.005}{≤ 1.0}</math> BENZENE DETECTION LIMIT (mg/kg)
- ⊙ <math>\frac{≤ 0.005}{≤ 1.0}</math> TPH AS GASOLINE DETECTION LIMIT (mg/kg)
- ⊙ <math>\frac{≤ 0.005}{≤ 1.0}</math> TOTAL LEAD DETECTION LIMIT (mg/kg)

FORMER UNDERGROUND STORAGE TANKS

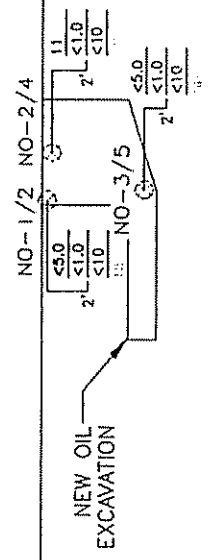
NOTE:
1. SAMPLE LOCATIONS PER FIELD MEASUREMENTS, GTI, 12/94.

SAMPLED ON: 11/30/94 AND 12/01/94

		CLIENT: SEARS MERCHANDISE GROUP STORE No. 1528	
PROJECT NO.: 020200146		LOCATION: 9000 NORTHGATE MALL SAN RAFAEL, CA	
DES.: JM	DET.: CCG	DATE: 06/04/96	FIGURE: 3
REV.: 0025SRDI (1:120)	PE/RG:		



SEARS AUTO CENTER



EXPLANATION

SOIL SAMPLE LOCATION

- 7 TRPH (mg/kg)
- 2 TPH AS GASOLINE (mg/kg)
- 11 TPH AS DIESEL (mg/kg)
- 11 VOLITILE ORGANICS (mg/kg)
- 2 TRPH DETECTION LIMIT (mg/kg)
- 2 TPH AS GASOLINE DETECTION LIMIT (mg/kg)
- 2 TPH AS DIESEL DETECTION LIMIT (mg/kg)
- 11 VOLITILE ORGANICS DETECTION LIMIT (mg/kg)

SAMPLED ON: 11/30/94

NOTE:
1. SAMPLE LOCATIONS PER FIELD MEASUREMENTS, 6/1, 12/94.



FLUOR DANIEL GTI

PROJECT NO.: 020200146

CLIENT: SEARS MERCHANDISE GROUP
STORE No. 1528

LOCATION: 9000 NORTHGATE MALL
SAN RAFAEL, CA

DES.: JM DET.: CCG DATE: 06/04/96

**SOIL ANALYTICAL RESULTS
AT FORMER NEW AND USED OIL USTs**

PM: PE/RG: FIGURE: **4**

REV.:

Attachment 2

Data Tables

TABLE 1
Former Dispenser Island Soil Analytical Results
Sears Store 1528, San Rafael, California
Sampled November 30, and December 1, 1994

Gasoline Dispenser Island Samples							
Samples	Date	TPH-g	B	T	E	X	Total Lead
Island A soil samples							
IA-1/2	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	9
IA-2/2	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	8
ATE-1/3	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	7
ATE-2/4	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	8
ATW-1/3	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	10
ATW-2/3	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	6
Island B Soil Samples							
IB-1/2	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	9
IB-2/2	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	10
BTE-1/3	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	11
BTE-2/3	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	10
BTW-1/3	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	7
BTW-2/3	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	9
Main Trench Soil Samples							
MT-3/3	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	9
MT-4/4	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	8
MT-5/4	11/30/94	<1	<0.005	<0.005	<0.005	<0.015	<5
MT-1/3	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	9
MT-6/3	12/01/94	<1	<0.005	<0.005	<0.005	<0.015	9

Notes:

- 1) All results expressed in milligrams per kilogram
- 2) Total lead analyzed using EPA Method 6010

TPH-g = total petroleum hydrocarbons as gasoline, B = benzene, T = toluene, E = ethylbenzene, X = total xylenes; analyzed using EPA Method 8020

< Number = below reported detection limits

TABLE 2
Former Motor and Used Oil Product Line Soil Analytical Results

Sears Store 1528, San Rafael, California
Sampled November 30, and December 1, 1994

Samples	Date	TRPH	TPH-g	TPH-d	Volatile Organics
Used Oil Supply Line Soil Samples					
WO-1/2	11/30/94	7	<1	<10	ND
WO-2/4	11/30/94	19	<1	<10	ND
Motor Oil Supply Line Soil Samples					
NO-1/2	11/30/94	<5	<1	<10	ND
NO-2/4	11/30/94	11	<1	<10	ND
NO-3/5	11/30/94	<5	<10	<10	ND

Notes:

- 1) All results expressed in milligrams per kilogram
- 2) Volatile organics analyzed using EPA Method 8240A

TRPH = total recoverable petroleum hydrocarbons; analyzed using EPA Method 3550/418.1
 TPH-g = total petroleum hydrocarbon as gasoline, B = benzene, T = toluene, E = ethylbenzene,
 x = total
 TPH-d = total petroleum hydrocarbons as diesel; analyzed using EPA Method Modified 8015
 <Number = below reported detection limits
 ND = not detected

TABLE 3
Former Motor and Used Oil Product Line Soil CAM Metal Analytical Results

Sears Store 1528, San Rafael, California
Sampled November 30, 1994

Motor Oil/Oil Supply Samples						
Analyte	Date	WO-1/2	WO-2/4	NO-1/2	NO-2/4	NO-3/5
Antimony	11/30/94	<5	<5	<5	<5	<5
Arsenic	11/30/94	5.5	2.5	4.0	9.3	7.5
Barium	11/30/94	150	55	100	130	170
Beryllium	11/30/94	0.6	<0.5	<0.5	<0.5	0.6
Cadmium	11/30/94	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium, total	11/30/94	30	38	92	68	210
Cobalt	11/30/94	9	8	19	16	21
Copper	11/30/94	28	11	17	47	35
Lead	11/30/94	8	<5	6	6	8
Mercury	11/30/94	<0.1	<0.1	<0.1	0.1	0.1
Molybdenum	11/30/94	1	<1	<1	1	1
Nickel	11/30/94	41	59	100	110	180
Selenium	11/30/94	<5	<5	<5	<5	<5
Silver	11/30/94	<1	<1	<1	<1	<1
Thallium	11/30/94	<5	<5	<5	<5	<5
Vanadium	11/30/94	32	22	44	44	46
Zinc	11/30/94	58	34	35	69	70

Notes:

- 1) All results expressed in milligrams per kilogram
- 2) Analyzed using EPA Methods 6010, 7060, and 7470

<Number = Below reported detection limit

Attachment 3
Analytical Laboratory Reports



GTEL

ENVIRONMENTAL
LABORATORIES, INC.

Western Region

4080 Pike Lane, Suite C
Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
FAX (510) 825-0720

12/11/94

Client Number: 020200025
Project ID: Sears 1528
9000 Northgate
San Rafael, CA

Work Order Number: C4-11-0454

December 6, 1994

Eileen Brennan
Groundwater Technology, Inc.
275 South Temple, Suite 321
Salt Lake City, UT 84111

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 11/30/94, under chain of custody records 30200 and 33586.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes. This report is to be reproduced only in full.

GTEL is certified by the California State Department of Health Services, Laboratory certification number E1075, to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,

GTEL Environmental Laboratories, Inc.

for

Rashmi Shah
Laboratory Director

Client Number: 020200025
 Project ID: Sears 1528
 9000 Northgate
 San Rafael, CA
 Work Order Number: C4-11-0454

ANALYTICAL RESULTS

Total Petroleum Hydrocarbons in Soil by Infrared Spectrometry¹

EPA 3550 (Mod.)/EPA 418.1 (SM 5520 FC)²

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Prepared		12/01/94	12/01/94	12/01/94	12/01/94
Date Analyzed		12/01/94	12/01/94	12/01/94	12/01/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Total Petroleum Hydrocarbons	5	7	110	19	<5
Detection Limit Multiplier		1	2.5	1	1

1. The sample is sonication extracted using a modification of EPA 3550. The extract is analyzed, as in EPA 418.1 (SM 5520 CF), to yield results reported as Total Petroleum Hydrocarbons. Results are reported on a wet weight basis.
2. Standard Methods for the Examination of Water and Wastewater, 17th ed., American Public Health Association, 1989.

Client Number: 020200025
 Project ID: Sears 1528
 9000 Northgate
 San Rafael, CA
 Work Order Number: C4-11-0454

ANALYTICAL RESULTS

Total Petroleum Hydrocarbons in Soil by Infrared Spectrometry¹

EPA 3550 (Mod.)/EPA 418.1 (SM 5520 FC)²

GTEL Sample Number		12	13	14	120194 TPH
Client Identification		NO-2/4	NO-C	NO-3/5	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	--
Date Prepared		12/01/94	12/01/94	12/01/94	12/01/94
Date Analyzed		12/01/94	12/01/94	12/01/94	12/01/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Total Petroleum Hydrocarbons	5	11	26	<5	<5
Detection Limit Multiplier		1	1	1	1

1. The sample is sonication extracted using a modification of EPA 3550. The extract is analyzed, as in EPA 418.1 (SM 5520 CF), to yield results reported as Total Petroleum Hydrocarbons. Results are reported on a wet weight basis.
2. Standard Methods for the Examination of Water and Wastewater, 17th ed., American Public Health Association, 1989.

Client Number: 020200025
 Project ID: Sears 1528
 9000 Northgate
 San Rafael, CA
 Work Order Number: C4-11-0454

ANALYTICAL RESULTS

TPH as Diesel in Soil

Method: Modified EPA 8015^a

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Extracted		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/02/94	12/02/94	12/03/94	12/03/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as diesel	10	<10	<10	<10	<10
Detection Limit Multiplier		1	1	1	1
OTP surrogate, % recovery		74.5	91.5	76.4	92.4

GTEL Sample Number		12	13	14	GCI 120294
Client Identification		NO-2/4	NO/C	NO-3/5	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	-
Date Extracted		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/02/94	12/02/94	12/03/94	12/02/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as diesel	10	<10	<10	<10	<10
Detection Limit Multiplier		1	1	1	1
OTP surrogate, % recovery		93.3	67.5	74.0	106

- a. O-Terphenyl surrogate recovery acceptability limits are 50-150%. Test Methods for Evaluating Solid Waste, SW-846, 3rd edition, Rev. O, U.S. EPA, November, 1986.

GTEL Client ID: 020200025 ANALYTICAL RESULTS
 Login Number: C4110454
 Project ID (number): 020200025
 Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

Volatile Organics
 Method: EPA 8020
 Matrix: Solids

GTEL Sample Number	C4110454-01	C4110454-02	C4110454-03	C4110454-04
Client ID	ATW-1/3	ATW-2/3	BTW-1/3	BTW-2/3
Date Sampled	11/30/94	11/30/94	11/30/94	11/30/94
Date Analyzed	11/30/94	11/30/94	11/30/94	11/30/94
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting		Concentration:Wet Weight			
	Limit	Units				
Benzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015
TPH as GAS	1.0	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0
BFB (Surrogate)	--	%	96.9	86.5	66.2	85.2

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA
 C4110454:1



GTEL Client ID: 020200025 ANALYTICAL RESULTS
 Login Number: C4110454
 Project ID (number): 020200025
 Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

Volatile Organics
 Method: EPA 8020
 Matrix: Solids

GTEL Sample Number	C4110454-05	C4110454-06	C4110454-07	--
Client ID	MT-3/3	MT-4/4	MT-5/4	--
Date Sampled	11/30/94	11/30/94	11/30/94	--
Date Analyzed	11/30/94	11/30/94	11/30/94	--
Dilution Factor	1.00	1.00	1.00	--

Analyte	Reporting		Concentration:Wet Weight			
	Limit	Units				
Benzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	--
Toluene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	--
Ethylbenzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	--
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015	< 0.015	--
TPH as GAS	1.0	mg/kg	< 1.0	< 1.0	< 1.0	--
BFB (Surrogate)	--	%	82.6	88.9	66.7	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods". SW-846. Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA
 C4110454:2



GTEL Client ID: 020200025 ANALYTICAL RESULTS
 Login Number: C4110454
 Project ID (number): 020200025
 Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

Volatile Organics
 Method: EPA 8015
 Matrix: Solids

GTEL Sample Number	C4110454-08	C4110454-09	C4110454-10	C4110454-11
Client ID	WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled	11/30/94	11/30/94	11/30/94	11/30/94
Date Analyzed	11/30/94	11/30/94	11/30/94	11/30/94
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting		Concentration:Wet Weight			
	Limit	Units				
TPH as Gasoline	1.0	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0
BFB (surrogate)	--	%	88.9	87.9	93.3	82.3

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8015:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods". SW-846. Third Edition including promulgated Update 1. - Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols. May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA
 C4110454:1



GTEL Client ID: 020200025
 Login Number: C4110454
 Project ID (number): 020200025
 Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8015
 Matrix: Solids

GTEL Sample Number	C4110454-12	C4110454-13	C4110454-14	--
Client ID	NO-2/4	NO/C	NO-3/5	--
Date Sampled	11/30/94	11/30/94	11/30/94	--
Date Analyzed	12/01/94	12/01/94	12/01/94	--
Dilution Factor	1.00	1.00	1.00	--

Analyte	Reporting		Concentration:Wet Weight			
	Limit	Units				
TPH as Gasoline	1.0	mg/kg	< 1.0	< 1.0	< 1.0	--
BFB (surrogate)	--	%	85.0	90.6	87.9	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8015:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. - Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA
 C4110454:2



GTEL Client ID: 020200025
Login Number: C4110454
Project ID (number): 020200025
Project ID (name): Sears/#1528/9000 Northgate Mall, San Rafael

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Solids

Method Blank Results

QC Batch No: A113094-1
Date Analyzed: 30-NOV-94

Analyte	Method: EPA 8020	Concentration: mg/kg
Benzene	< 0.0050	
Toluene	< 0.0050	
Ethylbenzene	< 0.0050	
Xylenes (Total)	< 0.015	
TPH as Gasoline	< 1.0	

Notes:



4000 MIKE DRIVE, SUITE C
CONCORD, CA 94520
(510) 685-7852
(800) 423-7143

Company Name:

Phone #566 G-71-2387

Company Address:

FAX #: 510 685 9148

Project Manager:

Site Location: 9000 Northgate
San Rafael CA

Client Project ID: (#)

02-200025
05-619

Sampler Name (Print):

(NAME) Sean 1528

I attest that the proper field sampling procedures were used during the collection of these samples.

Terry James

Field Sample ID	GTEL Lab # (Lab Use only)	# CONTAINERS	Matrix				Method Preserved				Sampling			
			WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	HCl	HNO3	H2SO4	ICE	DATE	TIME
N03/4	12	1											11/30	12:45
N0/C	13	1											12/50	12:50
N03/5	14	1											12/55	12:55

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

ANALYSIS REQUEST

<input type="checkbox"/>	EPA 602 <input type="checkbox"/> EPA 8020 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	EPA 601 <input type="checkbox"/> EPA 8010 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	EPA 608 <input type="checkbox"/> 8080 <input type="checkbox"/> PCB only <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	EPA 624/PPL <input type="checkbox"/> 8240/TAL <input type="checkbox"/> NBS (+15) <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	EPA 625/PPL <input type="checkbox"/> 8270/TAL <input type="checkbox"/> NBS (+25) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	EPA 610 <input type="checkbox"/> 8310 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	EP TOX Metals <input type="checkbox"/> Pesticides <input type="checkbox"/> Herbicides <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	TCLP Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi-VOA <input type="checkbox"/> Pest <input type="checkbox"/> Herb <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	EPA Metals - Priority Pollutant <input type="checkbox"/> TAL <input type="checkbox"/> RCRA <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	CAM Metals TLTC <input checked="" type="checkbox"/> STLC <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Lead 239 2 <input type="checkbox"/> 200 7 <input type="checkbox"/> 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> 6010 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Organic Lead <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Corrosivity <input type="checkbox"/> Flash Point <input type="checkbox"/> Reactivity <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS: ~~OTHER SUBSTANCES~~ NO VOC AT TAT 5000
TPH-G 8015 modified
BTX 8020
NOV-10-AR
-A/0/E

Lab Use Only Lot #:
Storage Location

Work Order #: C4110454	2 OF 2
Received by: <i>Sean</i>	Received by: <i>Sean</i>
Date: 11/30/94	Time: 13:00
Date: 11/30/94	Time: 15:20
Date: _____	Time: _____
Received by Laboratory: _____	Waybill #: _____

SPECIAL DETECTION LIMITS CORRECTIONS OK SIGN DATE (X)

SPECIAL REPORTING REQUIREMENTS FAX

Relinquished by Sampler: <i>Sean</i>	Relinquished by: <i>Sean</i>
Relinquished by: <i>Sean</i>	Relinquished by: <i>Sean</i>
Relinquished by: _____	Relinquished by: _____

CUSTODY RECORD

33581

CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST

4080 PIKE LANE, SUITE C
CONCORD, CA 94520
(510) 685-7852
(800) 423-7143



Company Name: GROUND WATER TECHNOLOGY Phone #: (570) 671-2387
 Company Address: 90-407 Port Chicago Hwy Concord, Sub Rafael FAX #: (570) 685-9148
 Project Manager: Eileen Brennan Client Project ID: (#) 020200025
 (NAME) SEAS 152B '08/16/94
 Sampler Name (Print): TERRY JAMES

Field Sample ID	GTEL Lab # (Lab Use only)	# CONTAINERS	Matrix			Method Preserved			Sampling							
			WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	HCl	HNO3	H2SO4	ICE	UNPRE SERVED	OTHER (Specify)	DATE	TIME
ATW-1/3	01	1	X						X						10:41	
ATW-2/3	02	1	X						X						10:59	
BTE-1/3	03	1	X						X						11:05	
BTE-2/3	04	1	X						X						11:09	
MT-3/3	05	1	X						X						11:18	
MT-4/4	06	1	X						X						11:27	
MT-5/4	07	1	X						X						11:37	
WO-1/2	08	1	X						X						12:15	
WO-C	09	1	X						X						12:20	
WO-2/4	10	1	X						X						12:30	
WO-1/2	11	1	X						X						12:40	

REMARKS: BTEX & TPH-GI on 2/1/94 TAT
LEAD SID for new round
TPH-G 0015 modified/BTEX 0020

Storage Location: NOVOC

Lab Use Only Lot #: C4110454

Work Order #: C4110454

Received by: John Weber

Received by: John Weber

Received by Laboratory: Ronald C. ...

Waybill #: ...

Date: 11/30/94 Time: 15:20

Date: 11/30/94 Time: 15:20

Date: 11/30/94 Time: 15:20

Relinquished by Sampler: [Signature]
 Relinquished by: [Signature]
 Relinquished by: [Signature]

CUSTODY RECORD



Western Region
4080 Pike Lane, Suite C
Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
FAX (510) 825-0720

1528 Sem Rafael

12/1/94
gas islands = all ND
BTEX/gas

December 2, 1994

Eileen Brennan
Groundwater Technology, Inc.
275 S. Temple #321
Salt Lake City, UT 84111

RE: GTEL Client ID: 020200025
Login Number: C4120017
Project ID (number): 020200025
Project ID (name): Sears/1528/9000 Northgate Mall, San Rafael

Dear Eileen Brennan:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 12/01/94 under Chain-of-Custody Number(s) 33582.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes.

GTEL is certified by the Department of Health Service under Certification Number E1075.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Edum Poalulu
Co,

Rashmi Shah
Laboratory Director

GTEL Client ID: 020200025
 Login Number: C4120017
 Project ID (number): 020200025
 Project ID (name): Sears/1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8020
 Matrix: Solids

GTEL Sample Number	C4120017-01	C4120017-02	C4120017-03	C4120017-04
Client ID	MT 1/3	MT 6/3	IA 1/2	IA 2/2
Date Sampled	12/01/94	12/01/94	12/01/94	12/01/94
Date Analyzed	12/01/94	12/01/94	12/01/94	12/01/94
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting		Concentration:Wet Weight			
	Limit	Units				
Benzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015
TPH as GAS	1.0	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0
BFB (Surrogate)	--	%	89.3	89.0	84.9	91.0

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols. May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA
 C4120017:1



GTEL Client ID: 020200025
 Login Number: C4120017
 Project ID (number): 020200025
 Project ID (name): Sears/1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8020
 Matrix: Solids

GTEL Sample Number	C4120017-05	C4120017-06	C4120017-07	C4120017-08
Client ID	IB 1/2	IB 2/2	BTE 1/3	BTE 2/3
Date Sampled	12/01/94	12/01/94	12/01/94	12/01/94
Date Analyzed	12/01/94	12/01/94	12/01/94	12/01/94
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting		Concentration:Wet Weight			
	Limit	Units				
Benzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.005	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015
TPH as GAS	1.0	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0
BFB (Surrogate)	--	%	72.1	62.9	82.4	83.2

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA
 C4120017:2



GTEL Client ID: 020200025
 Login Number: C4120017
 Project ID (number): 020200025
 Project ID (name): Sears/1528/9000 Northgate Mall, San Rafael

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8020
 Matrix: Solids

GTEL Sample Number	C4120017-09	C4120017-10	--	--
Client ID	ATE 1/3	ATE 2/4	--	--
Date Sampled	12/01/94	12/01/94	--	--
Date Analyzed	12/02/94	12/01/94	--	--
Dilution Factor	1.00	1.00	--	--

Analyte	Reporting		Concentration:Wet Weight		
	Limit	Units			
Benzene	0.005	mg/kg	< 0.005	< 0.005	--
Toluene	0.005	mg/kg	< 0.005	< 0.005	--
Ethylbenzene	0.005	mg/kg	< 0.005	< 0.005	--
Xylenes (total)	0.015	mg/kg	< 0.015	< 0.015	--
TPH as GAS	1.0	mg/kg	< 1.0	< 1.0	--
BFB (Surrogate)	--	%	90.5	84.1	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical/Chemical Methods". SW-846, Third Edition including promulgated Update 1. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 60-119%.

GTEL Concord, CA
 C4120017:3





4080 PIKE LANE, SUITE C
CONCORD, CA 94520
(510) 685-7852
(800) 423-7143

CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST

33582

Company Name: Groundwater Tech
 Phone #: 510 671-2387
 Company Address: 4957 Pitt Chicago Hwy
 Site Location: 9000 16th St
 Project Manager: Elven Brennan
 Client Project ID: (#) 02020000
 (NAME) Sears 1528
 Sampler Name (Print): Terry James

I attest that the proper field sampling procedures were used during the collection of these samples.

Field Sample ID	GTel Lab # (Lab Use only)	# CONTAINERS	Matrix						Method Preserved						Sampling		
			WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	HCl	HNO3	H2SO4	ICE	UNPRE. SERVED	OTHER (Specify)	DATE	TIME	
MT1/3	01	1	X								X					12/1/94	10:45
MT6/3	02	1															10:55
IA1/2	03	1															11:05
IA2/2	04	1															11:10
IB1/2	05	1															11:20
IB2/2	06	1															11:30
BT1/3	07	1															10:05
BT2/3	08	1															10:15
AT1/3	09	1															10:30
AT2/4	10	1															10:40

REMARKS: BTEX/TPH-6 - 2015 Modified
8020 24hr TAT
Level 5id.

SPECIAL DETECTION LIMITS

SPECIAL REPORTING REQUIREMENTS

Lab Use Only Lot #: C4120018 - Storage Location

Work Order #: C4120017 - 24 hr

Date	Time	Received by:
12/1/94	14:10	Received by:
12/1/94	14:10	Received by Laboratory:
		Waybill # <u>XXXXXXXXXX</u>

CUSTODY RECORD

Relinquished by Sampler: Terry James
 Relinquished by: Joe Weber
 Relinquished by:

ANALYSIS REQUEST

<input type="checkbox"/>	BTEX/Gas Hydrocarbons PID/FID with MTBE
<input type="checkbox"/>	BTEX 602 8020 with MTBE
<input type="checkbox"/>	Hydrocarbons GC/FID Gas Diesel Screen
<input type="checkbox"/>	Hydrocarbon Profile (SIMDIS)
<input type="checkbox"/>	Oil and Grease 413.1 413.2 SM-503
<input type="checkbox"/>	TPH/IR 418.1 SM 503
<input type="checkbox"/>	EOD by 504 DBCP by 504
<input type="checkbox"/>	EPA 503.1 EPA 502.2
<input type="checkbox"/>	EPA 601 EPA 8010
<input type="checkbox"/>	EPA 602 EPA 8020
<input type="checkbox"/>	EPA 608 8080 PCB only
<input type="checkbox"/>	EPA 624/PPL 8240/TAL NBS (+15)
<input type="checkbox"/>	EPA 625/PPL 8270/TAL NBS (+25)
<input type="checkbox"/>	EPA 610 8310
<input type="checkbox"/>	EP TOX Metals Pesticides Herbicides
<input type="checkbox"/>	TCLP Metals VOA Semi-VOA Pest Herb
<input type="checkbox"/>	EPA Metals Priority Pollutant TAL RCRA
<input type="checkbox"/>	CAM Metals TLIC STLC
<input type="checkbox"/>	Lead 239.2 200.7 7420 7421 6010
<input type="checkbox"/>	Organic Lead
<input type="checkbox"/>	Corrosivity Flash Point Reactivity

JUST



Western Region
4080 Pike Lane, Suite C
Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
FAX (510) 825-0720

Client Number: 020200025
Project ID: Sears 1528
9000 Northgate
San Rafael
Work Order Number: C4-12-0018

12/16/94

total Pb

December 13, 1994

Eileen Brennan
Groundwater Technology, Inc.
275 South Temple, Suite 321
Salt Lake City, UT 84111

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 12/01/94, under chain of custody record 33582.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes. This report is to be reproduced only in full.

GTEL is certified by the California State Department of Health Services, Laboratory certification number E1075, to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

A handwritten signature in cursive script, appearing to read 'Rashmi Shah', with the word 'for' written below it.

Rashmi Shah
Laboratory Director

Client Number: 020200025
 Project ID: Sears 1528
 9000 Northgate
 San Rafael
 Work Order Number: C4-12-0018

ANALYTICAL RESULTS

Lead in Soil

EPA Method 6010^a

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Sample preparation by Method 3050. Results reported on a wet weight basis.

GTEL Sample Number		01	02	03	04
Client Identification		MT 1/3	MT 6/3	IA 1/2	IA 2/2
Date Sampled		12/01/94	12/01/94	12/01/94	12/01/94
Date Prepared		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/06/94	12/06/94	12/06/94	12/06/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Lead, total	5	9	9	9	8
Detection Limit Multiplier		1	1	1	1

GTEL Sample Number		05	06	07	08
Client Identification		IB 1/2	IB 2/2	BTE 1/3	BTE 2/3
Date Sampled		12/01/94	12/01/94	12/01/94	12/01/94
Date Prepared		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/06/94	12/06/94	12/06/94	12/06/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Lead, total	5	9	10	11	10
Detection Limit Multiplier		1	1	1	1

Client Number: 020200025
 Project ID: Sears 1528
 9000 Northgate
 San Rafael
 Work Order Number: C4-12-0018

ANALYTICAL RESULTS

Lead in Soil

EPA Method 6010^a

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Sample preparation by Method 3050. Results reported on a wet weight basis.

GTEL Sample Number		09	10	120294 MET	
Client Identification		ATE 1/3	ATE 2/4	METHOD BLANK	
Date Sampled		12/01/94	12/01/94	--	
Date Prepared		12/02/94	12/02/94	12/02/94	
Date Analyzed		12/06/94	12/06/94	12/06/94	
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Lead, total	5	7	8	<5	
Detection Limit Multiplier		1	1	1	



4080 PIKE LANE, SUITE C
CONCORD, CA 94520
(510) 685-7852
(800) 423-7143

CHAIN-OF-CUSTODY RECORD
AND ANALYSIS REQUEST

33582

Company Name: Groundwater Tech
Phone #: 510 671-2387
Company Address: 4057 Fort Chicago Hwy
Site Location: 9000 Northgate
Project Manager: Erin Brennan
Client Project ID: (#) 02020025

(NAME) Jerry James
Sampler Name (Print): Terry James

I attest that the proper field sampling procedures were used during the collection of these samples.

Field Sample ID	GTEL Lab # (Lab Use only)	# CONTAINERS	Matrix				Method Preserved				Sampling				
			WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	HCl	HNO3	H2SO4	ICE	UNPRESERVED	OTHER (Specify)	DATE
MT1/3	01	1	X								X			12/1/94	10:45
MT6/3	02	1												10:55	
IA1/2	03	1												11:05	
IA2/2	04	1												11:10	
IB1/2	05	1												11:20	
IB2/2	06	1												11:30	
BE1/3	07	1												10:05	
BE2/3	08	1												10:15	
AE1/3	09	1												10:30	
AE2/4	10	1												10:40	

TAT
 Priority (24 hr)
 Expedited (48 hr)
 7 Business Days
 Other: _____
 Business Days: _____

Special Handling
 GTEL Contact
 Quote/Contract #
 Confirmation #
 P.O. # _____

QA/QC Level
 Blue
 CLP
 Other

SPECIAL DETECTION LIMITS

SPECIAL REPORTING REQUIREMENTS
 FAX

REMARKS: BE1/3-6-8015 Modified
BE 8020 24hr TAT
Leant Side

Lab Use Only Lot #: C4120018 Storage Location
 Work Order #: C4120017 - 24 hr

Relinquished by Sampler: Jerry James
 Relinquished by: Jerry James
 Relinquished by: _____

Date Time
 12/1/94 13:05
 12/1/94 14:10
 12/1/94 14:10

Received by: Jerry James
 Received by: _____
 Received by Laboratory: _____
 Waybill # _____

ANALYSIS REQUEST

EPA 602 EPA 8020
 EPA 601 EPA 8010
 EPA 503.1 EPA 502.2
 EPA 608 8080 PCB only
 EPA 624/PPL 8240/TAL NBS (+15)
 EPA 625/PPL 8270/TAL NBS (+25)
 EPA 610 8310
 EPA TOX Metals Pesticides Herbicides
 TCLP Metals VOA Semi-VOA Pest Herb
 EPA Metals - Priority Pollutant TAL RCRA
 CAM Metals TTLC STLC
 Lead 239 2 200 7 7420 7421 6010
 Organic Lead
 Corrosivity Flash Point Reactivity

OTHER



Northwest Region

4080-C Pike Lane
Concord, CA 94520
(510) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California
(510) 825-0720 (FAX)

Client Number: 020200025
Project ID: Sears #1528
Northgate Mall San Rafael
Work Order Number: C4-12-0011

12/16/94

8240 - NDs
CAM + total Pb

December 13, 1994

Eileen Brennan
Groundwater Technology, Inc.
275 South Temple, Suite 321
Salt Lake City, UT 84111

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 12/01/94, under chain of custody record 33111 and 33113.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes. This report is to be reproduced only in full.

GTEL is certified by the California State Department of Health Services, Laboratory certification number E1075, to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Rashmi Shah
Laboratory Director

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Analyzed		12/05/94	12/05/94	12/05/94	12/06/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
Chloromethane	10	<10	<10	<10	<10
Bromomethane	10	<10	<10	<10	<10
Vinyl chloride	10	<10	<10	<10	<10
Chloroethane	10	<10	<10	<10	<10
Methylene chloride	5	<5	<5	<5	<5
Acetone	50	<50	<50	<50	<50
Carbon disulfide	5	<5	<5	<5	<5
1,1-Dichloroethene	5	<5	<5	<5	<5
1,1-Dichloroethane	5	<5	<5	<5	<5
1,2-Dichloroethene, total	5	<5	<5	<5	<5
Chloroform	5	<5	<5	<5	<5
1,2-Dichloroethane	5	<5	<5	<5	<5
2-Butanone	20	<20	<20	<20	<20
1,1,1-Trichloroethane	5	<5	<5	<5	<5
Carbon tetrachloride	5	<5	<5	<5	<5
Vinyl acetate	50	<50	<50	<50	<50
Bromodichloromethane	5	<5	<5	<5	<5
1,2-Dichloropropane	5	<5	<5	<5	<5
cis-1,3-Dichloropropene	5	<5	<5	<5	<5
Trichloroethene	5	<5	<5	<5	<5
Dibromochloromethane	5	<5	<5	<5	<5
1,1,2-Trichloroethane	5	<5	<5	<5	<5
Benzene	5	<5	<5	<5	<5

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		08	09	10	11
Client Identification		WO-1/2	WO-C	WO-2/4	NO-1/2
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Analyzed		12/05/94	12/05/94	12/05/94	12/06/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
trans-1,3-Dichloropropene	5	<5	<5	<5	<5
2-Chloroethylvinyl ether	10	<10	<10	<10	<10
Bromoform	5	<5	<5	<5	<5
4-Methyl-2-pentanone	20	<20	<20	<20	<20
2-Hexanone	20	<20	<20	<20	<20
Tetrachloroethene	5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	5	<5	<5	<5	<5
Toluene	5	<5	<5	<5	<5
Chlorobenzene	5	<5	<5	<5	<5
Ethylbenzene	5	<5	<5	<5	<5
Styrene	5	<5	<5	<5	<5
1,2-Dichlorobenzene	10	<10	<10	<10	<10
1,3-Dichlorobenzene	10	<10	<10	<10	<10
1,4-Dichlorobenzene	10	<10	<10	<10	<10
Xylene, total	10	<10	<10	<10	<10
Trichlorofluoromethane	5	<5	<5	<5	<5
Detection Limit Multiplier		1	1	1	1
DCE surrogate, % recovery		92.5	95.8	98.1	95.9
TOL surrogate, % recovery		101	110	107	110
BFB surrogate, % recovery		106	98.9	101	92.4

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		12	13	14	120594 MSC
Client Identification		NO-2/4	NO/C	NO-3/5	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	--
Date Analyzed		12/06/94	12/06/94	12/05/94	12/05/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
Chloromethane	10	<10	<10	<10	<10
Bromomethane	10	<10	<10	<10	<10
Vinyl chloride	10	<10	<10	<10	<10
Chloroethane	10	<10	<10	<10	<10
Methylene chloride	5	<5	<5	<5	<5
Acetone	50	<50	<50	<50	<50
Carbon disulfide	5	<5	<5	<5	<5
1,1-Dichloroethene	5	<5	<5	<5	<5
1,1-Dichloroethane	5	<5	<5	<5	<5
1,2-Dichloroethene, total	5	<5	<5	<5	<5
Chloroform	5	<5	<5	<5	<5
1,2-Dichloroethane	5	<5	<5	<5	<5
2-Butanone	20	<20	<20	<20	<20
1,1,1-Trichloroethane	5	<5	<5	<5	<5
Carbon tetrachloride	5	<5	<5	<5	<5
Vinyl acetate	50	<50	<50	<50	<50
Bromodichloromethane	5	<5	<5	<5	<5
1,2-Dichloropropane	5	<5	<5	<5	<5
cis-1,3-Dichloropropene	5	<5	<5	<5	<5
Trichloroethene	5	<5	<5	<5	<5
Dibromochloromethane	5	<5	<5	<5	<5
1,1,2-Trichloroethane	5	<5	<5	<5	<5
Benzene	5	<5	<5	<5	<5

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		12	13	14	120594 MSC
Client Identification		NO-2/4	NO/C	NO-3/5	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	—
Date Analyzed		12/06/94	12/06/94	12/05/94	12/05/94
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
trans-1,3-Dichloropropene	5	<5	<5	<5	<5
2-Chloroethylvinyl ether	10	<10	<10	<10	<10
Bromoform	5	<5	<5	<5	<5
4-Methyl-2-pentanone	20	<20	<20	<20	<20
2-Hexanone	20	<20	<20	<20	<20
Tetrachloroethene	5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	5	<5	<5	<5	<5
Toluene	5	<5	<5	<5	<5
Chlorobenzene	5	<5	<5	<5	<5
Ethylbenzene	5	<5	<5	<5	<5
Styrene	5	<5	<5	<5	<5
1,2-Dichlorobenzene	10	<10	<10	<10	<10
1,3-Dichlorobenzene	10	<10	<10	<10	<10
1,4-Dichlorobenzene	10	<10	<10	<10	<10
Xylene, total	10	<10	<10	<10	<10
Trichlorofluoromethane	5	<5	<5	<5	<5
Detection Limit Multiplier		1	1	1	1
DCE surrogate, % recovery		101	103	94.7	94.6
TOL surrogate, % recovery		115	92.1	112	101
BFB surrogate, % recovery		96.9	95.6	102	102

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		120694 MSC			
Client Identification		METHOD BLANK			
Date Sampled		--			
Date Analyzed		12/06/94			
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
Chloromethane	10	<10			
Bromomethane	10	<10			
Vinyl chloride	10	<10			
Chloroethane	10	<10			
Methylene chloride	5	<5			
Acetone	50	<50			
Carbon disulfide	5	<5			
1,1-Dichloroethene	5	<5			
1,1-Dichloroethane	5	<5			
1,2-Dichloroethene, total	5	<5			
Chloroform	5	<5			
1,2-Dichloroethane	5	<5			
2-Butanone	20	<20			
1,1,1-Trichloroethane	5	<5			
Carbon tetrachloride	5	<5			
Vinyl acetate	50	<50			
Bromodichloromethane	5	<5			
1,2-Dichloropropane	5	<5			
cis-1,3-Dichloropropene	5	<5			
Trichloroethene	5	<5			
Dibromochloromethane	5	<5			
1,1,2-Trichloroethane	5	<5			
Benzene	5	<5			

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Method 8240A^a

GTEL Sample Number		120694 MSC			
Client Identification		METHOD BLANK			
Date Sampled		-			
Date Analyzed		12/06/94			
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
trans-1,3-Dichloropropene	5	<5			
2-Chloroethylvinyl ether	10	<10			
Bromoform	5	<5			
4-Methyl-2-pentanone	20	<20			
2-Hexanone	20	<20			
Tetrachloroethene	5	<5			
1,1,2,2-Tetrachloroethane	5	<5			
Toluene	5	<5			
Chlorobenzene	5	<5			
Ethylbenzene	5	<5			
Styrene	5	<5			
1,2-Dichlorobenzene	10	<10			
1,3-Dichlorobenzene	10	<10			
1,4-Dichlorobenzene	10	<10			
Xylene, total	10	<10			
Trichlorofluoromethane	5	<5			
Detection Limit Multiplier		1			
DCE surrogate, % recovery		105			
TOL surrogate, % recovery		113			
BFB surrogate, % recovery		96.2			

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Including Update 1, US EPA July 1992 (method modified for additional compounds). Results reported on a wet weight basis.

ANALYTICAL RESULTS

CAM List of Metals in Soil (TTLC)_a

GTEL Sample Number	08	09	10	11		
Client Identification	WO-1/2	WO-C	WO-2/4	NO-1/2		
Date Sampled	11/30/94	11/30/94	11/30/94	11/30/94		
Date Prepared (Method 3055 ^b)	12/07/94	12/07/94	12/07/94	12/07/94		
Date Analyzed (Method 6010)	12/08/94	12/08/94	12/08/94	12/08/94		
Date Analyzed (Method 7060)	12/08/94	12/08/94	12/08/94	12/08/94		
Date Prepared and Analyzed (Method 7470)	12/07/94	12/07/94	12/07/94	12/07/94		
Analyte	EPA Method ^a	Detection Limit, mg/Kg	Concentration, mg/Kg			
Antimony	EPA 6010 ^c	5	<5	<5	<5	<5
Arsenic	EPA 7060 ^d	0.5	5.5	6.3	2.5	4.0
Barium	EPA 6010 ^c	1	150	180	55	100
Beryllium	EPA 6010 ^c	0.5	0.6	<0.5	<0.5	<0.5
Cadmium	EPA 6010 ^c	0.5	<0.5	<0.5	<0.5	<0.5
Chromium, total	EPA 6010 ^c	1	30	62	38	92
Cobalt	EPA 6010 ^c	1	9	15	8	19
Copper	EPA 6010 ^c	1	28	27	11	17
Lead	EPA 6010 ^c	5	8	9	<5	6
Mercury	EPA 7470 ^e	0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	EPA 6010 ^c	1	1	1	<1	<1
Nickel	EPA 6010 ^c	2	41	90	59	100
Selenium	EPA 6010 ^c	5	<5	<5	<5	<5
Silver	EPA 6010 ^c	1	<1	<1	<1	<1
Thallium	EPA 6010 ^d	5	<5	<5	<5	<5
Vanadium	EPA 6010 ^c	1	32	35	22	44
Zinc	EPA 6010 ^c	5	58	56	34	35
Detection Limit Multiplier			1	1	1	1

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Results reported on a wet weight basis.
- b. Draft EPA method 3055 SW-846 Third Addition Revision 1 Sept. 1991.
- c. Inductively Coupled Argon Plasma (ICP).
- d. Graphite Furnace Atomic Absorption (GFAA).
- e. Cold Vapor Atomic Absorption (CVAA).

ANALYTICAL RESULTS

CAM List of Metals in Soil (TTLC)_a

GTEL Sample Number		12	13	14	120794 MET	
Client Identification		NO-2/4	NO/C	NO-3/5	METHOD BLANK	
Date Sampled		11/30/94	11/30/94	11/30/94	--	
Date Prepared (Method 3055 ^b)		12/07/94	12/07/94	12/07/94	12/07/94	
Date Analyzed (Method 6010)		12/08/94	12/08/94	12/08/94	12/08/94	
Date Analyzed (Method 7060)		12/08/94	12/08/94	12/08/94	12/08/94	
Date Prepared and Analyzed (Method 7470)		12/07/94	12/07/94	12/07/94	12/07/94	
Analyte	EPA Method ^a	Detection Limit, mg/Kg	Concentration, mg/Kg.			
Antimony	EPA 6010 ^c	5	<5	<5	<5	<5
Arsenic	EPA 7060 ^d	0.5	9.3	6.2	7.5	<0.5
Barium	EPA 6010 ^c	1	130	120	170	<1
Beryllium	EPA 6010 ^c	0.5	<0.5	<0.5	0.6	<0.5
Cadmium	EPA 6010 ^c	0.5	<0.5	<0.5	<0.5	<0.5
Chromium, total	EPA 6010 ^c	1	68	51	210	<1
Cobalt	EPA 6010 ^c	1	16	11	21	<1
Copper	EPA 6010 ^c	1	47	42	35	<1
Lead	EPA 6010 ^c	5	6	6	8	<5
Mercury	EPA 7470 ^e	0.1	0.1	0.1	0.1	<0.1
Molybdenum	EPA 6010 ^c	1	1	<1	1	<1
Nickel	EPA 6010 ^c	2	110	85	180	<2
Selenium	EPA 6010 ^c	5	<5	<5	<5	<5
Silver	EPA 6010 ^c	1	<1	<1	<1	<1
Thallium	EPA 6010 ^d	5	<5	<5	<5	<5
Vanadium	EPA 6010 ^c	1	44	40	46	<1
Zinc	EPA 6010 ^c	5	69	80	70	<5
Detection Limit Multiplier			1	1	1	1

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Results reported on a wet weight basis.
- b. Draft EPA method 3055 SW-846 Third Addition Revision 1 Sept. 1991.
- c. Inductively Coupled Argon Plasma (ICP).
- d. Graphite Furnace Atomic Absorption (GFAA).
- e. Cold Vapor Atomic Absorption (CVAA).

ANALYTICAL RESULTS

Lead in Soil

EPA Method 6010a

- a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Sample preparation by Method 3050. Results reported on a wet weight basis.

GTEL Sample Number		01	2	03	04
Client Identification		ATW-1/3	ATW-2/3	BTE-1/3	BTE-2/3
Date Sampled		11/30/94	11/30/94	11/30/94	11/30/94
Date Prepared		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/06/94	12/06/94	12/06/94	12/06/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Lead, total	5	10	6	7	9
Detection Limit Multiplier		1	1	1	1

GTEL Sample Number		05	06	07	120294 MET
Client Identification		MT-3/3	MT-4/4	MT-5/4	METHOD BLANK
Date Sampled		11/30/94	11/30/94	11/30/94	--
Date Prepared		12/02/94	12/02/94	12/02/94	12/02/94
Date Analyzed		12/06/94	12/06/94	12/06/94	12/06/94
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
Lead, total	5	9	8	<5	<5
Detection Limit Multiplier		1	1	1	1



4080 PIKE LANE, SUITE C
CONCORD, CA 94520
(510) 885-7852
(800) 423-7148

CHARI-OF-CUSTODY RECORD
AND ANALYSIS REQUEST Revised # 30200 33111

ANALYSIS REQUEST OTHER

Company Name: **GTEL**

Phone #:

FAX #:

Company Address:

Site Location: **Northgate Mall**

Suit Lake City Office

Client Project ID: **102000035**

Project Manager: **Eileen Brennan**

Client Name: **Sears & Roebuck**

1. Attach this proper field sampling procedures were used during the collection of these samples.

Sampler Name (Print): **Terry James**

Field Sample ID	GTEL Lab # (Lab Use only)	Matrix			Method Preserved			Sampling	
		WATER	SOIL	AIR	GLUEGE	PRODUC	OTHER	DATE	TIME
ATW-1/3	01	X			X			11:20	10:44
ATW-2/3	02				X			11:20	10:51
BTE 1/3	03				X			11:05	
BTE 2/3	04				X			11:09	
MT-3/3	05				X			11:18	
MT-4/4	06				X			11:27	
MT-5/4	07				X			11:37	
WO-1/2	08				X			12:16	
WO-C	09				X			12:20	
WO-2/4	10				X			12:30	
WO-1/8	11				X			12:30	

Matrix: WATER, SOIL, AIR, GLUEGE, PRODUC, OTHER

Method Preserved: X, X, X, X, X, X

Sampling: DATE, TIME

SPECIAL DETECTION LIMITS

SPECIAL REPORTING REQUIREMENTS

FAX: Eileen-SLE & Pat-Sundberg

REMARKS:
All samples for BTEX/GAS, GAS & Diesel, 4 HR.1 - 24 HOUR RESULT. All other Analysis Std. JET.

Lab Use Only Lot #: **C4120011**

Storage Location

Work Order #: **C4110454-24HR.RUSH**

Quaroc Level **Standard**

Other X

Relinquished by Sampler:

Relinquished by:

Relinquished by:

Date | Time

Date | Time

Date | Time

POST-IT™ brand fax transmittal memo 7671 # of pages: **2**

To: **Sherry**

From: **Eileen**

Co. | Phone # | Fax #

CUSTODY RECORD

1000 PIKE LANE, SUITE C
CONCORD, CA 94520
(510) 686-7852
(800) 428-7143

Phone #:

Address: **Salt Lake City**

FAX #:

Site Location: **Southgate Mall - San Rafael**

Client Project ID: **AM2020025**

Analyst: **AN BRENDA**

Sampler Name (Print): **Sam Rafael**

Sampler Name (Print): **Tom James**

Method Preserved

Matrix

GTCL Lab # (Lab Use Only)

Field Sample ID

12

13

14

11501245

1800

1226

11

11

11

11

11

11

11

11

11

11

11

11

11

Analysis Headers

BTX Gas Hydrocarbons PCDF □ with MTRB □

Hydrocarbons GC/FID Gas □ with MTRB □

Hydrocarbon Profile (BIMCIS) □

Oil and Grease 413.1 □ 413.2 □ SM-503 □

TPH/IR 418.1 □ SM-503 □

EDS by 504 □ DSCP by 504 □

EPA 503.1 □ EPA 502.2 □

EPA 601 □ EPA 8010 □

EPA 602 □ EPA 8020 □

EPA 808 □ 8080 □ PCB only □

EPA 824/PPL □ 824/TAL □ NBS (15) □

EPA 825/PPL □ 827/TAL □ NBS (25) □

FPA 810:18310 □

EP TOX Metals □ Pesticides □ Herbicides □

TCLP Metals □ VOA □ Semi-VOA □ Pest □ Herb □

EPA Metals - Priority Pollutant □ TAL □ MCLRA □

CAM Metals TLOC □ STC □

Lead 239.2 □ 209.7 □ 7420 □ 7421 □ 8010 □

Organic Lead □

Concentrations □ Fresh Paint □ Resolvent □

OTHER

REMARKS: All samples for TPH gas + diesel, and 418.1 - 24hr Wash. All other analyses - Std TAT.

Work Order #: 04110454-24 Hr Wash

Storage Location

Received by:

Time

Date

Received by Laboratory:

Waybill #

SPECIAL DETECTION LIMITS

SPECIAL REPORTING REQUIREMENTS

GTCL Level

Other

Relinquished by Sampler:

Relinquished by:

Relinquished by:

CUSTODY RECORD

Attachment 4

Underground Storage Tank Closure Review Form

**UNDERGROUND STORAGE TANK
CLOSURE REVIEW FORM**

Date: 10/1/98	LUSTIS file no.:	Case reviewer:	
Site Name/Address: Sears No. 1528 9000 Northgate Mall Road San Rafael, CA	Responsible parties: Sears Roebuck & Co	Address: c/o 3333 Beverly Rd. Hoffman Estates, IL 60179	Phone no.: 847-286-5530

CASE INFORMATION (N/A = Not Applicable)

Tank No.	Size in Gallons	Contents	Closed in-place/Removed?	Date
Tanks 1,2	Unknown	Gasoline	Removed	Prior to 1994
Tank 3	Unknown	Used Oil	Removed	Prior to 1994
Unknown	Unknown	Motor Oil	Removed	Prior to 1994

II. SITE CHARACTERIZATION INFORMATION (GW = groundwater)

GW basin: Marin County	Beneficial uses: N/A	Depth to drinking water aquifer: Unknown	
Distance to nearest municipal supply well: Unknown		Distance between known shallow GW contamination and aquifer: N/A	
Site GW highest depth: N/A	Site GW lowest depth: N/A	Shallow water-bearing zone well screen interval: N/A	Flow direction: N/A
Soil Type: mainly silts, sands & clays (low-permeability)		Maximum depth sampled: 6 feet	

III. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS - Initial and Latest -- = Not Reported, ND = Non-detect

Contaminant	Soil (mg/kg)		Water (µg/L)		Contaminant	Soil (mg/kg)		Water (µg/L)	
	Initial (1994)	Latest	--	--		Initial (1994)	Latest	Initial (Year)	Latest (Year)
TPH-g	<1 (12/94)	--	--	--	Xylene	<0.005 (11/94)	--	--	--
VOC/8240	N/D	--	--	--	Total Lead	11	--	--	--
Benzene	<0.005 (11/94)	--	--	--	TRPH	19 (11/94)	--	--	--
Toluene	<0.005 (11/94)	--	--	--	TPH-d	<10	--	--	--
Ethylbenzene	<0.005 (11/94)	--	--	--					

IV. SOIL REMEDIATION

Method: UST removal (date unknown) intrinsic biodegradation 1994 - 1998	Duration of remediation: Indefinite
---	-------------------------------------

V. GROUNDWATER REMEDIATION

Method: N/A	Duration of remediation: N/A
-------------	------------------------------

VI. FREE PRODUCT:

Was free product encountered? No	Has free product been totally recovered? N/A
When was free product recovery project completed? N/A	

VII. RECOMMENDED ACTION:

Soil closure only: Not applicable	Case Closure: Yes	Solvent Case? No
Additional Action Required (i.e.: additional site assessment, remediation, monitoring): None		

VIII. JUSTIFICATION FOR RECOMMENDED ACTION:

1) Source removed by UST removal (prior to 1994), product line and impacted soil removal May 1995.	2) No phase-separated liquid hydrocarbons.
3) No waste oil storage at site since at least 1994, impacted soil at site not in communication w/drinking water or public contact.	
5) Ongoing biodegradation/attenuation in soil, likely to continue.	
6) Asphalt cap prevents surface infiltration and flushing of hydrocarbons in soil into groundwater.	

Attachment 5
Waste Removal Documentation

REMAT

830 North Miller Road
Buckeye, Arizona 85326

Phone: (602) 386-6600

FAX: (602) 386-3300

WASTE DISPOSAL QUESTIONNAIRE

GENERATOR INFORMATION:

REMAT WASTE ID NO.

1. NAME: Sears Roebuck & Company Store # 1528
2. ADDRESS: 333 Beverly Rd., Dept. 824C, Bldg A2-~~200~~ 160B
3. CITY/STATE/ZIP: Hoffman Estates, IL 60179
4. CONTACT(S): Bernadine Palka 5. PHONE #: (708) 286-8864
6. GENERATOR'S STANDARD INDUSTRIAL CLASS CODE (SIC): 5311
7. FEDERAL/STATE EPA ID No. (If Hazardous): N/A
8. WASTE SITE LOCATION: 9000 Northgate Mall, San Rafael, CA

WASTE INFORMATION:

9. WASTE TYPE (COMMON name by which waste is referred):
Stockpiled Soil Containing Petroleum Hydrocarbons
10. ACCURATE DESCRIPTION OF THE PROCESS WHICH GENERATES THE WASTE:
UST Removal activities
11. CONTAMINATION: Gasoline Diesel Fuel Jet Fuel Fuel Oil # _____
 Waste Oil Other _____
12. Is the waste hazardous under FEDERAL REGULATIONS? YES NO
If yes, is the waste LISTED or CHARACTERISTIC?
N/A
What is the EPA HAZARDOUS WASTE NUMBER? _____
13. Is the waste hazardous under STATE REGULATIONS? YES NO If yes,
EXPLAIN: _____

(INITIAL PAGE)

[Handwritten initials]

14. Is the waste regulated under the FEDERAL TOXIC SUBSTANCES CONTROL ACT (TOSCA)? () YES (X) NO
15. What is the physical state of the waste at room temperature?
 (X) SOLID () SEMISOLID (sludge) () LIQUID
16. What will be the minimum percent of solids of the waste? 70 (%)
17. Is the waste (X) HOMOGENEOUS or () STRATIFIED?
18. Will the waste contain any free standing liquids? () YES () NO
19. Is there any debris (i.e., WOOD, CONCRETE, BRICK, STEEL, PIPE, etc.) in the waste? () YES (X) NO If yes, what is the percentage? _____ (%)

DESCRIPTION: _____

20. Will the waste be disposed of in (X) BULK () DRUMS () OTHER? _____
21. Is the disposal of the waste () ONGOING or a (X) ONE-TIME clean-up?
22. What is the approximate volume of waste to be disposed? two (?)
 () TONS (X) YARDS () DRUMS per () DAY () WEEK () MONTH () YEAR
23. What volume of waste is currently stockpiled, if any? 2 yards
24. What is the maximum volume of waste which will be disposed in any one day? (Specify TONS, YARDS, DRUMS, etc.) 2 yards

TRANSPORTER INFORMATION:

25. NAME: Southwest Soil Remediation, Inc.
26. ADDRESS: 3951 E. Columbia Street
27. CITY/STATE/ZIP: Tucson, AZ
28. CONTACT(S): Bob Bonnert
29. PHONE NO. (602) 571-7174
30. FEDERAL/STATE EPA ID. NO. (If Applicable): 86066729

LABORATORY INFORMATION:

31. NAME: GTEL Environmental Laboratories
32. CONTACT(S): Don Rensner
33. PHONE NO. 800-633-7936
34. Is the laboratory certified by the (X) STATE or () EPA? (X) YES () NO.
35. Please attach a recent (within six months) copy of the analysis conducted from a representative sample of the waste in question.

CERTIFICATION:

I, THE UNDERSIGNED, UNDER PENALTY OF LAW, DO HEREBY CERTIFY THAT ALL THE INFORMATION ON THIS FORM (INCLUDING ATTACHED DOCUMENTATION AND ANALYTICAL DATA) IS COMPLETE AND FACTUAL AND IS AN ACCURATE REPRESENTATION OF THE WASTE TO BE DISPOSED.

NAME: Bernadine Palka
 (Print or Type)

TITLE: Manager Environmental Engineering

Bernadine Palka
 (Signature)

DATE: 31 May 95

13225 (9)
 117



830 N. Miller Road
Buickway, AZ 85326

Phone 602-386-6600
FAX 602-386-3300

ENVIRONMENTAL SERVICES • SOIL REMEDIATION • RECYCLED PRODUCTS

GENERATOR CERTIFICATIONS

NON-HAZARDOUS CERTIFICATION

I, the undersigned, under penalty of the law, do hereby certify that the waste material, from the location below, submitted for acceptance to REMAT is not a "RCRA" listed hazardous waste as defined in 40 CFR 261 and does not exhibit any of the characteristics of a hazardous waste as defined in 40 CFR 261 of the Toxicity Characteristic Revision Rules as specified in the March 29, 1990, Federal Register; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE # 1528

LOCATION: 9000 Northgate Mall, San Rafael, CA

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 98

HERBICIDE/PESTICIDE/PCB CERTIFICATION

I, the undersigned, under penalty of law, do hereby certify that the waste material, from the location below, submitted for acceptance to REMAT does not contain herbicides or pesticides at a concentration which would render it hazardous as defined in "RCRA" 40 CFR 261, and does not contain polychlorinated biphenyls at a level greater than 50 ppm as defined by 40 CFR 261; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE # 1528

LOCATION: 9000 Northgate Mall, San Rafael, CA

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 98

1528(9)
BOP



830 N. Miller Road
Buckeye, AZ 85326

Phone 602-386-8600
FAX 602-386-3300

ENVIRONMENTAL SERVICES • SOIL REMEDIATION • RECYCLED PRODUCTS

GENERATOR CERTIFICATIONS

U.S.T. EXEMPTION CERTIFICATION

I, the undersigned, under penalty of law, do hereby certify that the waste material (soil), from the location below, was contaminated by a petroleum fuel source regulated under the Federal Underground Storage Tank Rules, 40 CFR part 280; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE # 1528

LOCATION: 9000 Northgate Mall, San Rafael, CA

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

PETROLEUM CONSTITUENT CERTIFICATION

In lieu of submitting analytical data verifying that the above soil in question does not contain constituents other than those which would normally appear in an analysis of un-used petroleum products, I submit and certify that I am familiar with the source of contamination of the soil and further certify that the source contains no contaminants other than what is listed below:

Soil Contaminants Gasoline

GENERATOR: Sears Roebuck & Company STORE # 1528

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

BOP
152869

REMAT

830 North Miller Road
Buckeye, Arizona 85326

Phone: (602) 386-6600

FAX: (602) 386-3300

WASTE DISPOSAL QUESTIONNAIRE

GENERATOR INFORMATION:

REMAT WASTE ID NO. _____

1. NAME: Sears Roebuck & Company Store #1528
2. ADDRESS: 333 Beverly Rd., Dept. 824C, Bldg A2-~~200~~ 160B
3. CITY/STATE/ZIP: Hoffman Estates, IL 60179
4. CONTACT(S): Bernadine Palka 5. PHONE #: (708) 286-8864
6. GENERATOR'S STANDARD INDUSTRIAL CLASS CODE (SIC): 5311
7. FEDERAL/STATE EPA ID No. (If Hazardous): N/A
8. WASTE SITE LOCATION: 9000 Northgate Mall, San Rafael, CA

WASTE INFORMATION:

9. WASTE TYPE (COMMON name by which waste is referred):
Stockpiled soil containing petroleum hydrocarbons
10. ACCURATE DESCRIPTION OF THE PROCESS WHICH GENERATES THE WASTE:
UST Removal activities
11. CONTAMINATION: () Gasoline! () Diesel Fuel! () Jet Fuel! () Fuel Oil # _____
(X) Waste Oil (X) Other Used Oil
12. Is the waste hazardous under FEDERAL REGULATIONS? () YES (X) NO
If yes, is the waste () LISTED or () CHARACTERISTIC?
N/A
What is the EPA HAZARDOUS WASTE NUMBER? _____
13. Is the waste hazardous under STATE REGULATIONS? () YES (X) NO If yes,
EXPLAIN: _____

(INITIAL PAGE)

[Handwritten Signature]

14. Is the waste regulated under the FEDERAL TOXIC SUBSTANCES CONTROL ACT (TOSCA)? () YES (X) NO
15. What is the physical state of the waste at room temperature?
 (X) SOLID () SEMISOLID (sludge) () LIQUID
16. What will be the minimum percent of solids of the waste? 70 (%)
17. Is the waste (X) HOMOGENEOUS or () STRATIFIED?
18. Will the waste contain any free standing liquids? () YES () NO
19. Is there any debris (i.e., WOOD, CONCRETE, BRICK, STEEL, PIPE, etc.) in the waste? () YES (X) NO If yes, what is the percentage? _____ (%)

DESCRIPTION: _____

20. Will the waste be disposed of in (X) BULK () DRUMS () OTHER? _____
21. Is the disposal of the waste () ONGOING or a (X) ONE-TIME clean-up?
22. What is the approximate volume of waste to be disposed? thirty-two (32)
 () TONS (X) YARDS () DRUMS per () DAY () WEEK () MONTH () YR
23. What volume of waste is currently stockpiled, if any? 32 yards
24. What is the maximum volume of waste which will be disposed in any one day? (Specify TONS, YARDS, DRUMS, etc.) _____

TRANSPORTER INFORMATION:

25. NAME: Southwest Soil Remediation, Inc.
26. ADDRESS: 3951 E. Columbia Street
27. CITY/STATE/ZIP: Tucson, AZ
28. CONTACT(S): Bob Bonnert 29. PHONE NO.: (602) 571-7174
30. FEDERAL/STATE EPA ID. NO. (if applicable): 86066729

LABORATORY INFORMATION:

31. NAME: GTEL Environmental Laboratories
32. CONTACT(S): Don Rensner 33. PHONE NO. 800-633-7936
34. Is the laboratory certified by the (X) STATE or () EPA? (X) YES () NO.
35. Please attach a recent (within six months) copy of the analysis conducted from a representative sample of the waste in question.

CERTIFICATION:

I, THE UNDERSIGNED, UNDER PENALTY OF LAW, DO HEREBY CERTIFY THAT ALL THE INFORMATION ON THIS FORM (INCLUDING ATTACHED DOCUMENTATION AND ANALYTICAL DATA) IS COMPLETE AND FACTUAL AND IS AN ACCURATE REPRESENTATION OF THE WASTE TO BE DISPOSED.

NAME: Bernadine Palka
 (Print or Type)

Bernadine A. Palka
 (Signature)

TITLE: Manager Environmental Engineering

DATE: 31 May 95

152860



830 N. Miller Road
Buckeye, AZ 85326

Phone 602-386-6600
FAX 602-386-9300

ENVIRONMENTAL SERVICES • SOIL REMEDIATION • RECYCLED PRODUCTS

GENERATOR CERTIFICATIONS

NON-HAZARDOUS CERTIFICATION

I, the undersigned, under penalty of the law, do hereby certify that the waste material, from the location below, submitted for acceptance to REMAT is not a "RCRA" listed hazardous waste as defined in 40 CFR 261 and does not exhibit any of the characteristics of a hazardous waste as defined in 40 CFR 261 of the Toxicity Characteristic Revision Rules as specified in the March 29, 1990, Federal Register; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE # 1528

LOCATION: 9000 Northgate Mall, San Rafael, CA

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

HERBICIDE/PESTICIDE/PCB CERTIFICATION

I, the undersigned, under penalty of law, do hereby certify that the waste material, from the location below, submitted for acceptance to REMAT does not contain herbicides or pesticides at a concentration which would render it hazardous as defined in "RCRA" 40 CFR 261, and does not contain polychlorinated biphenyls at a level greater than 50 ppm as defined by 40 CFR 261; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE # 1528

LOCATION: 9000 Northgate Mall, San Rafael, CA

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

1528(6)



830 N. Miller Road
Buckeye, AZ 85326

Phone 602-386-6600
FAX 602-386-3300

ENVIRONMENTAL SERVICES • SOIL REMEDIATION • RECYCLED PRODUCTS

GENERATOR CERTIFICATIONS

U.S.T. EXEMPTION CERTIFICATION

I, the undersigned, under penalty of law, do hereby certify that the waste material (soil), from the location below, was contaminated by a petroleum fuel source regulated under the Federal Underground Storage Tank Rules, 40 CFR part 280; and that I am authorized to execute this document on behalf of:

GENERATOR: Sears Roebuck & Company STORE #1528

LOCATION: 9000 Northgate Mall, San Rafael, CA

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

PETROLEUM CONSTITUENT CERTIFICATION

In lieu of submitting analytical data verifying that the above soil in question does not contain constituents other than those which would normally appear in an analysis of un-used petroleum products, I submit and certify that I am familiar with the source of contamination of the soil and further certify that the source contains no contaminants other than what is listed below:

Soil Contaminants used oil/virgin oil

GENERATOR: Sears Roebuck & Company STORE # 1528

SIGNATURE: Bernadine A Palka TITLE: Manager Envir. Engineering

NAME (Please Print) Bernadine Palka DATE: 31 May 95

1528(6)

CITY OF



San Rafael

*Mayor
Albert J. Boro*

*Council Members
Paul M. Cohen
Barbara Heller
Cyr N. Miller
Gary O. Phillips*

*Fire Chief
Robert E. Marcucci*

November 2, 1999

Ms. Melissa Gossell
IT Corporation
757 Arnold Drive, Suite D
Martinez, CA 94553-6526

*UJT
FOLDER*

Re: Request for Site Closure; Sears, Roebuck and Co. #1528, 9000 Northgate Mall,
San Rafael

Dear Ms. Gossell:

This department has received your request for site closure at the above referenced location. To adequately assess your site and complete our review, we are requesting submittal of the following missing documentation:

- Laboratory analytical reports of all soil sampling performed in conjunction with the Underground Storage Tank excavations by Blaine Tech Services on March 7, 1985. (IT Stoner Laboratory Nos. 26326, 26327 and 26328);
- Laboratory analytical reports for aerated soil stockpile samples collected by Blaine Tech Services on March 25, 1985.
- Documentation of the 1987 removal of one 1,000-gallon waste oil underground storage tank and two 530-gallon bulk oil underground storage tanks.
- Laboratory analytical reports for underground storage tank closure samples collected in 1987.
- Manifests and/or facility weight tags for the transportation of 34 cubic yards of soil by Southwest Soil Remediation, Inc. to the Remat thermal processing facility in Buckeye, Arizona in 1995.

As your company seems to be acting as the responsible party for this site at this time, enclosed please find Deed Notification forms which must be completed and returned to this Department before we can continue with the site assessment.

Ms. Melissa Gossell

Page 2

Following the Regional Water Quality Control Board and legislative directives, this Department will require a boring to obtain a soil and water sample for MTBE testing.

In addition, a Sensitive Receptor Review report will be needed prior to completing a site closure.

Should you have any questions, please call me at (415) 485-3308.

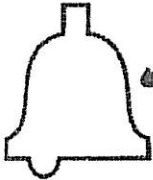
Sincerely,

A handwritten signature in black ink, appearing to read "Bradley R. Mark". The signature is fluid and cursive, with a large initial "B" and "M".

BRADLEY R. MARK
Hazardous Materials Coordinator

BRM:db

CITY OF



San Rafael

Mayor
Albert J. Boro

Council Members
Paul M. Cohen
Barbara Heller
Cyr N. Miller
Gary O. Phillips

Fire Chief
Robert E. Marcucci

November 16, 1999

*12/29/99
NO. 20759 w/IT*

Ms. Melissa Gossell
IT Corporation
757 Arnold Drive, Suite D
Martinez, CA 94553-6526

*SCOTT CEMITH
handles contamination
847-286-5530*

*UST
FOLDER*

Re: Review for Closure
Sears, Roebuck & Co. Automotive Center No. 1528
9000 Northgate Mall, San Rafael, California

Dear Ms. Gossell:

The City of San Rafael Fire Department (SRFD) is in the process of reviewing IT Corporation's Request for Closure, Sears, Roebuck and Co. Automotive Center No. 1528, 9000 Northgate Mall, San Rafael, California dated March 23, 1999. The IT Corporation report appears to adequately document the site investigation and remediation activities associated with the removal of the dispenser islands and product lines conducted between November 1994 and May 1995. However, the SRFD file for the subject site is lacking documentation for the site investigation and remediation activities associated with the removal of eight underground storage tanks (USTs) conducted in 1985 and 1987. A list of all documents contained in the SRFD file for the subject site is attached.

The SRFD requests the submittal of missing documentation so that the review for closure can be completed. In particular, submittal of the following documentation is requested:

- * Laboratory analytical reports for three soil samples collected from UST excavations by Blaine Tech Services on March 7, 1985 (IT Stoner Laboratory Nos. 26326, 26327 and 26328);
- * Laboratory analytical reports for samples collected by Blaine Tech Services from aerated soil stockpiles on March 25, 1985 (IT Stone Laboratory Nos. unknown);
- * Documentation of the 1987 removal of one 1,000-gallon waste oil UST and two 530-gallon bulk oil USTs;
- * Laboratory analytical reports for UST closure samples collected in 1987 (laboratory unknown); and

* Manifests and/or facility weight tags for the transportation of 34 cubic yards of soil by Southwest Soil Remediation, Inc. to the Remat thermal processing facility in Buckeye, Arizona in 1995.

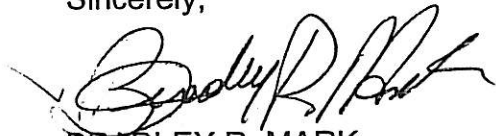
⇒ Before this department can proceed any further with the site closure, the Deed Notification Forms sent to you previously must be completed and reviewed.

Following Regional Water Quality Control Board and Legislative directives, borings will be required to obtain soil and water samples which will then be tested for MTBE. This is now a requirement for site closure.

In addition, a sensitive Recaptor Report will be needed prior to a site closure being completed.

Should you have any questions, please call me at 415-485-3308.

Sincerely,

A handwritten signature in black ink, appearing to read "Bradley R. Mark". The signature is stylized and cursive.

BRADLEY R. MARK
Hazardous Material Coordinator

**List of documents contained in San Rafael Fire Department file for
Sears, Roebuck & Co. Automotive Center No. 1528
9000 Northgate Mall, San Rafael, California
(listed in chronological order)**

Blaine Tech Services, 1985a, Soil Sampling at Sears Automotive Center, Northgate Shopping Center, Northgate & Los Ranchos, San Rafael, California, on March 7, 1985: March 12;

Blaine Tech Services, 1985b, Resampling of Aerated Soil at Sears Automotive Center, Northgate Shopping Center, Northgate & Los Ranchos, San Rafael, California, on March 25, 1985: April 8;

Marin County Environmental Health Services, undated, Application for Temporary Tank Closure (form) submitted to Sears, Roebuck & Co.;

Sears, Roebuck & Co., 1986a, letter to Marin County Environmental Health Services regarding removal of three remaining USTs: February 20;

Sears, Roebuck & Co., 1986b, completed Marin County Environmental Health Services application form to remove three USTs, August 4;

Marin County Environmental Health Services, 1986, Permit to Remove three USTs, August 5;

Sears, Roebuck & Co., 1986c, letter to Marin County Environmental Health Services requesting an extension of the September 1, 1986 deadline to remove remaining three USTs, August 25;

Marin County Environmental Health Services, 1987a, Memo to Sears, Roebuck & Co. requesting information on the status of removal of the three remaining USTs: January 13;

Combustion Engineering, 1987, Letter to Marin County Environmental Health Services regarding laboratory analytical results for one soil sample collected the UST removal at the subject site: February 20;

Marin County Environmental Health Services, 1987b, Letter of clearance based upon review of submitted UST closure sample analytical results: March 2;

Fluor Daniel GTI, 1996, Dispenser Island and Product Line Removal Report, Sears Store 1528, 9000 Northgate Mall, San Rafael, California: July 1;

IT Corporation, 1999, Request for Closure, Sears, Roebuck and Co. Automotive Center No. 1528, 9000 Northgate Mall, San Rafael, California: March 23.



Linda S. Adams
Secretary for
Environmental Protection

Department of Toxic Substances Control

Maziar Movassaghi, Acting Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806



Arnold Schwarzenegger
Governor

EPA ID PROFILE

ID Number: CAR000108563 **Name :** SEARS, ROEBUCK & CO.
Status: ACTIVE **Inactive Date:** **Record Entered:** 03/04/2003 **Last Updated:** 03/26/2009
County: MARIN **NAICS:** 81149 **SIC:** 3732

	Name	Address	City	State	Zip Code	Phone
Location	SEARS, ROEBUCK & CO.	8108 NORTHGATE MALL	SAN RAFAEL	CA	94577	
Mailing		3333 BEVERLY RD B5-362A A 2 238 A	Hoffman Estates	IL	601790000	
Owner	SEARS, ROEBUCK & CO #8108	3333 BEVERLY RD B5-362A	HOFFMAN ESTATES	IL	601790000	8472867222
Operator/ Contact	MICHAEL OLSEN/DIR. ENV. AFFAIRS	3333 BEVERLY RD B5-362A A 2 238 A	HOFFMAN ESTATES	IL	601790000	8472867222

Based ONLY upon ID Number **CAR000108563**

Calif. Manifests ?	Non Calif. Manifests ?	Transporter Registration ?
YES	NO	NO

[California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type \(if available\)](#)
are on the next page

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Calif. Manifest Counts and Total Tonnage

Top line represents Manifest Count and Bottom line represents Total Tonnage

	GENERATOR	TRANS. 1	TRANS. 2	TSDF	ALT. TSDF
2004	1 0.0709				
2008	1 0.6600				

Non California Manifest Total Tonnage

**Waste Code By Year By Entity Matrix Report
(based on California Manifests only)**

Calif.	<u>Generator</u>	<u>Transporter 1</u>	<u>Transporter 2</u>	<u>TSDF</u>	<u>Alt. TSDF</u>
RCRA	<u>Generator</u>	<u>Transporter 1</u>	<u>Transporter 2</u>	<u>TSDF</u>	<u>Alt. TSDF</u>

California Waste Code By Year Matrix

ID Number: CAR000108563

Entity Type : GENERATOR

Weight (in Tons)

Ship Years

Calif. Code	Description	2004	2008
212	OXYGENATED SOLVENTS		0.6600
213	HYDROCARBON SOLVENTS	0.0709	
Grand Total		0.0709	0.6600

RCRA Waste Code By Year Matrix Report

ID Number: **CAR000108563**

Entity Type: **GENERATOR**

Weight (in Tons)

RCRA Code	Description	Ship Years	
		2004	2008
D001	Ignitable	0.0709	
D018	Benzene		0.6600
Grand Total		0.0709	0.6600

Sigma Engineering, Inc.

· Main Office: 2101 Auto Center Drive, Suite 150, Oxnard, CA 93036-8939 · Phone (805) 983-6262 · Fax (805) 483-4992
· South: 17139 Bellflower Boulevard, Suite 201 · Bellflower, CA 90706 · Phone (562) 804-7252 · Fax (562) 804-7255 ·

October 20, 2009

Mr. Aladdin Ghafari
Macerich Management Company
401 Wilshire Boulevard, Suite 700
Santa Monica, California 90401

**Re: Phase II Environmental Site Assessment Recommendations
Sears Automotive Center, Northgate Mall
9000 Northgate Mall
San Rafael, CA 94903**

Dear Mr. Ghafari:

Sigma Engineering, Inc. (SEI) is pleased to submit this letter detailing recommendations regarding the October, 2009 Phase II Environmental Site Assessment (ESA) performed at the Sears Automotive Center in San Rafael, California. This investigation was conducted on two suspect areas of the existing Sears Automotive Center located at the Northgate Mall in San Rafael, California (Site), the former fueling area, and the existing auto repair shop. Based on the findings of the investigation, as detailed in SEI's October, 2009 Phase II Environmental Site Assessment Report, SEI has the following recommendations:

Existing Auto Service Area

SEI recommends that proper procedures be followed with regard to the clarifier and trench drain system. Some oil/sheen and surface staining was noted in and around the various drain features. If future remodeling/soil disturbance of this area is planned, SEI recommends that an observer be onsite to screen the exposed soil with a PID. Any soil with staining or elevated PID readings should be segregated and properly tested to determine appropriate handling procedures.

Former UST Area

SEI recommends that the wells be checked and sampled in approximately 4 or 5 months. If the wells remain dry during the course of this year's rainy season, then SEI recommends that they be properly abandoned. Note that DWR188 forms should be completed within 60 days of all well installation/abandonment.

Prior to well abandonment, a request for case closure should be presented to the lead agency, the San Rafael Fire Department (SRFD), under separate cover.

Be advised that the SRFD may require additional soil sampling/well installation with alternative drilling technology (i.e. hollow stem auger) in the area of the former USTs in order to get through the hardpan soil conditions and collect water samples/install monitoring wells. If additional wells are required by the SRFD, then the wellheads of all wells should all be surveyed so that a gradient can be determined. If the wells are not required by the SRFD, then such survey costs can be avoided.

In addition, SEI recommends that the drummed soil cuttings be scheduled for proper disposal as soon as possible.

Please contact this office if you have any questions regarding the information contained in this report.

Respectfully Submitted:
Sigma Engineering, Inc.



Keith G. Farrell, CEG No. 1314
Senior Engineering Geologist



Elizabeth Zernik, REA
Project Environmental Scientist

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

at:

**Sears Automotive Center
Northgate Mall
9000 Northgate Mall
San Rafael, CA 94903**

prepared by:

Sigma Engineering, Inc.
2101 Auto Center Drive, #150
Oxnard, CA 93036
Project No. 098275



Keith Farrell
State of California Certified Engineering Geologist #1314



Elizabeth Zernik, REA
Project Scientist

20 October, 2009

**PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT
SEARS AUTOMOTIVE CENTER
NORTHGATE MALL
9000 NORTHGATE MALL
SAN RAFAEL, CA 94903**

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Appendix A: Figures 1 and 2

Appendix B: Analytical Results & Chain-of-Custody Documentation

Appendix C: Boring Logs

1.0 INTRODUCTION

Sigma Engineering, Inc. (SEI) is pleased to submit this Phase II Environmental Site Assessment (ESA) report of the Sears Automotive Center in San Rafael, California. This investigation was conducted on two suspect areas of the existing Sears Automotive Center located at the Northgate Mall in San Rafael, California (Site). The Site Location is shown on Figure 1, and the Site layout and boring locations are shown on Figure 2 in Appendix A.

The purpose of this Phase II ESA was to conduct subsurface sampling and testing in the following two areas at the Site:

1. Former fueling area (former tanks and pump islands) and,
2. Existing Auto Repair Shop, including hydraulic lifts, trench drain and 3-stage clarifier.

The work at the former fueling area included subsurface sampling and testing to respond to past fire department requests for additional site assessment in an attempt to achieve site closure. There is an unresolved November 16, 1999 directive from the City of San Rafael Fire Department, to collect soil and water samples and test for MTBE as a requirement for case closure. The work at the existing auto repair shop area was conducted to assess if the subsurface has been impacted by historical auto repair shop operations.

2.0 BACKGROUND

In August 2009, the lender commissioned a Phase I ESA, which was completed by AEI Consultants dated August 6, 2009, for the entire mall. This Phase I ESA identified the following recognized environmental conditions (RECs) at the Sears Automotive Center:

- “The subject property Sears Automotive Center is currently equipped with 14 belowground hydraulic lifts and was formerly equipped with an additional three belowground hydraulic lifts. No information identifying the specific installation date was available for review, therefore these lifts were presumably installed in 1971 when the automotive center was constructed and based on the pre-1977 installation of the lifts, the potential exists that the hydraulic fluid within the lift systems previously contained polychlorinated biphenyls (PCBs). In 1996, three lifts were removed from the subject property and the soil was found to contain up to 11,000 parts per million (ppm) Total Petroleum Hydrocarbons as hydraulic oil (TPH-h) as well as polychlorinated biphenyls (PCBs) at 0.48 ppm. Groundwater was not encountered to seven feet bgs (soil boring maximum depth) and therefore no groundwater samples were collected. Additional soil was excavated to remove the contaminated soil; however, no confirmation sampling was performed. Due to the age of the equipment, the integrity of the current hydraulic lifts is unknown; however, as contamination was discovered in relation to the removed lifts the potential exists that the current lifts may have also leaked. In addition, due to the shallow depth to groundwater at the property, the potential exists that groundwater could be impacted by such a release. Therefore, based on the presence of the hydraulic lifts and the unknown concentrations of contamination remaining in the soil surrounding the removed lifts, the current and former presence of belowground hydraulic lifts represents a recognized environmental condition.
- Sears Automotive Center is reportedly equipped with an oil/water separator, which appears to be connected to a trench drain that runs the length of the repair shop. The separator is reportedly emptied by a third party. No information identifying the specific installation date was available for review, therefore the oil/water separator was presumably installed in 1971 when the automotive center was constructed. Additionally, no information regarding past sampling of the separator was available. Oil/water separators have the potential to act as conduits to the subsurface of properties. Due to the use of the subject property

for vehicle repair, the potential use of perchloroethylene (PCE) and trichloroethylene (TCE) by Sears (as identified in regulatory database) in the auto repair operations and the lack of information indicating the length of time the separator has been located onsite, there is a potential that contaminants such as oils or solvents present in the waste stream could impact the soil beneath the property if the separator or associated drain system has become compromised. On this basis, the presence of the clarifier represents a recognized environmental condition.

- According to historical sources, it appears the subject property was developed with a gas station and automotive center in 1971/1972. According to a November 1999 San Rafael Fire Department (SRFD) letter to Sears, Roebuck and Co, up to eight gasoline, waste oil and/or new oil underground storage tanks (USTs) were associated with the onsite Sears Automotive Center and were reportedly removed from the subject property in 1985 and 1987 while fuel island dispensers and products lines were removed from the site in 1994. However, a Marin County Environmental Health Department (MCEHD) UST removal application and a UST removal invoice provided by the client only identified the removal of four USTs and it is therefore unclear if USTs remain on the subject property. In a March 1987 "Clearance" letter to Sears, Roebuck Co., the MCEHD indicated that the "analysis of samples of the soil and groundwater at the above site indicated a safe level or absence of any residual of the product formerly stored in underground storage tanks" at the subject property; however, it is unknown whether any residual contamination remains at the subject property and according to the 1999 SRFD letter, further soil borings and groundwater samples were needed at the site to sample for Methyl tert-Butyl Ether (MtBE) prior to site closure per the Regional Water Quality Control Board (RWQCB). No information regarding the testing of the site for MtBE was provided to AEI or available at the MCEHD, SRFD or RWQCB. While a 1987 "Clearance" letter does exist for the property, based on the lack of sampling data associated with the removal of the USTs, the lack of MtBE sampling; and the lack of removal documentation available for the USTs, it is unknown whether any contamination or USTs remain at the subject property and therefore the USTs represent a significant environmental concern."

Based on the Phase I findings, the lender required the owner to perform a subsurface investigation around the former USTs and around the existing auto repair shop features, as detailed below. The following scope of work, dated September 28, 2009, was approved by the lender and Sears:

- Review available utility drawings, contact Underground Services Alert, and perform a Geophysical Survey to attempt to locate previous USTs that may still be present at the Site, and to clear the boring locations for utilities.
- Advance a total of eight (8) Geoprobe borings, (seven between the seven pairs of hydraulic lifts that are currently present and one at the location of the two former hydraulic lifts where elevated concentrations of total petroleum hydrocarbons (TPH) as hydraulic oil (TPH-h) were detected and no confirmation soil sampling was performed after impacted soil was removed). These borings will be placed between the hydraulic lifts and the existing trench drain and oil water separator, to address these areas as well. Two saturated soil or grab water samples will be collected from the two borings closest to the oil water separator. The borings will be advanced to 10 feet below ground surface (bgs), and soil samples will be collected at 10 feet bgs and analyzed for EPA Method 8015 (carbon chain) for total petroleum hydrocarbons and aromatic volatile organic compounds and oxygenates by Method 8260B. If elevated concentrations of TPH-h are present analyze the samples for polychlorinated biphenyls (PCBs).
- Advance four (4) Geoprobe borings to 20 feet bgs, two up gradient and two down gradient of the former fueling area, where two fuel USTs have been removed and the likely location of other USTs that may still be present. Collect soil samples at 10, 15, and 20 feet bgs and convert the borings to monitoring wells (depth to groundwater is estimated to be approximately 12 feet bgs). After developing the wells, collect a groundwater

sample from each. The soil and groundwater samples will be tested in accordance with the Regional Water Quality Control Board criteria, using EPA Method 8015 (carbon chain) for total petroleum hydrocarbons and aromatic volatile organic compounds and oxygenates by Method 8260B. The soil in each sampling tube will be sub-sampled using Method 5035 for preservation.

- Borehole locations will be patched with either concrete or asphalt to match the surrounding pavement.
- Investigation derived waste (will be limited to groundwater, since soil cuttings are not generated with a Geoprobe rig) will be temporarily stored in Department of Transportation approved 55-gallon drums, prior to proper off-site disposal. SEI will coordinate with local Sear's representatives to assess the best area to temporarily store these drums.
- SEI will make efforts to minimize the impact of this investigation on the operation of this facility. The Geoprobe will consist of a pick-up truck mounted rig, and will only take up a small area of the facility. SEI will coordinate with the local Sear's representatives to schedule the interior borings to a time of day that is convenient.
- Prepare a report containing SEI's findings and recommendations.

Upon review of the site layout, it was determined that the oil/water separator was located outside of the building, in contrast to the Phase I assertion, that it was located within the building.

3.0 FIELD SUMMARY

Underground Service Alert (USA) was contacted to locate utilities in the area of the borings, as required. A site-specific health and safety plan was prepared and reviewed by personnel for the work at the Site. On September 29, 2009, SEI personnel were on site to oversee a geophysical survey and review site conditions and markings by USA. In addition, SEI met with Sears personnel to coordinate field work and minimize disturbance to ongoing operations. Boring locations were cleared, both inside and outside the building, and the Site was surveyed for indications of USTs and underground utilities. B1 and B2 were cleared for placement around the outside clarifier, and B3 through B8 were cleared for interior boring locations. No indications of USTs remaining in the ground were identified in the area surveyed, which was based on the north site of the building.

On October 5 and 6, 2009, SEI personnel returned to the Site to conduct the investigation. SEI oversaw Vironex Drilling, as they advanced eight (8) borings, and attempted four (4) monitoring wells (see Figure 2). All fieldwork was conducted under the direct supervision of a California Professional Geologist. As stated previously, there were two main areas of investigation:

Existing Auto Repair Shop, including hydraulic lifts, trench drain and 3-stage clarifier —

- Borings B1 and B2 were advanced at the northeast and southwest corners of the clarifier located near the exterior northwest corner of the building, to collect a 10 foot below ground surface (bgs) soil sample and a saturated soil sample. In B1, a saturated soil sample was collected at 22 feet bgs. In B2, auger refusal was encountered at 23 feet bgs, and no groundwater or saturated soil was encountered. The last sample collected in B2 was dry at 23 feet bgs. Samples were analyzed for EPA Method 8015 (carbon chain) for total petroleum hydrocarbons and aromatic volatile organic compounds and oxygenates by Method 8260B. If elevated concentrations of TPH-h were detected, the lab was directed to analyze the samples for polychlorinated biphenyls (PCBs).

- Borings B3 through B8 were advanced along the north and south sides of the interior trench drain, between the drain and the hydraulic lifts, with their locations adjusted due to the exterior location of the clarifier. B4, B6, and B8 were on the south side of the trench, and B3, B5, and B7 were on the north side of the trench. Based on site reconnaissance and site personnel knowledge, at least 3 sub-drains were noted along the center trench drain, presumably leading to the north and connecting to the 3-stage clarifier outside near the northwest corner of the building. Based on this information, hand augering was conducted in B3, B5, and B7 to approximately 2 and ½ feet bgs to be clear of any sub-drain lines. No lines were encountered; however, elevated Photo Ionization Detector (PID) readings (maximum 200 parts per million in B7-10') and areas of discoloration were noted in these northerly borings. Samples were analyzed for EPA Method 8015 (carbon chain) for total petroleum hydrocarbons and aromatic volatile organic compounds and oxygenates by Method 8260B. If elevated concentrations of TPH-h were detected, the lab was directed to analyze the samples for PCBs.

Former UST area—

- Monitoring wells were proposed in the former UST/dispenser island area. During drilling and soil sampling of MW4 and MW3 (the two monitoring wells proposed to the north of the former UST/dispenser island area) no groundwater was encountered, and auger refusal was encountered at 18.5 feet bgs and 16 feet bgs, respectively. Wells were installed in both of these locations, in the event of seasonal fluctuations in the groundwater table. During drilling and sampling of MW-2, no groundwater was encountered and auger refusal was encountered at 17 feet bgs. No well was set in this location; instead, a Hydropunch sample was attempted in lieu of MW1, midway between the proposed location of MW1 and MW2 (the two monitoring wells proposed to the south of the former UST/dispenser island area), in an attempt to collect a water sample. Since the Hydropunch has a smaller diameter rod, it was conjectured that this tool might be able to collect a water sample where the larger diameter well installation equipment was encountering auger refusal. Hydropunch auger refusal was encountered at 15 feet bgs, with no groundwater encountered and no sample collected.
- An attempt was made to develop MW4 and collect a groundwater sample; however, minimal water was present in the well (<1 inch), and no water sample was recoverable in the bailer. In addition, MW3 was measured with a water level indicator and no water was detected in the well. The soil samples (depths of 10 and 15 feet bgs for MW3 and MW4, respectively), from these wells were tested in accordance with the Regional Water Quality Control Board criteria, using EPA Method 8015 (carbon chain) for total petroleum hydrocarbons and aromatic volatile organic compounds and oxygenates by Method 8260B. The soil in each sampling tube was sub-sampled using Method 5035 for preservation.

The borings were advanced to depths ranging from 10 feet below ground surface (bgs) to 23 feet bgs using a Geoprobe 6600 direct push rig with continuous core sampling mechanism. Samples were collected at approximate 5-foot intervals. The sample sleeves were covered with Teflon, capped with plastic caps, labeled, and placed in an insulated ice chest containing ice. Only new core samplers were used at each sample location.

All soil borings and the Hydropunch location were backfilled to 4 inches below ground surface with cement/bentonite grout and capped with concrete colored to match. Monitoring wells were installed as shown on the attached well completion diagrams/boring logs, using pre-fabricated screen and seal materials (Appendix C). Investigation derived waste was collected in a steel 55-gallon drum, pending laboratory analysis. SEI coordinated its location with Sears personnel and walked boring and monitoring well locations to confirm their condition prior to departure.

4.0 SITE GEOLOGIC/HYDROGEOLOGIC CONDITIONS

The site is underlain by shallow alluvium overlying bedrock at depth. The alluvium consists of mixes silt, sand and clay, with layers of tight gravels at depth. The site is located at an elevation of approximately 20 to 30 feet above sea level, and groundwater occurs in the underlying alluvium at varying depths, slightly above sea level, corresponding to a depth of 20 to 25 feet. The historic local surface drainage flowed to the north-northeast past Mt Olivet Cemetery, and then east toward San Francisco Bay.

During the site assessment field work, groundwater was encountered at approximately 22 feet below ground surface (bgs) in B1. No groundwater was encountered in the remainder of the borings advanced. Auger refusal was encountered at varying depths due to tight clayey soil conditions and bay mud or hardpan. See Appendix C for the boring logs/monitoring well completion diagrams. The direction of groundwater flow is anticipated to generally follow the surface topography of the Site vicinity, which trends to the northeast; however, regional variation is expected due to fill and proximity to the San Pablo/San Francisco Bays.

5.0 LABORATORY ANALYSIS

All samples were tested in accordance with the Regional Water Quality Control Board criteria, using EPA Method 8015 (carbon chain) for total petroleum hydrocarbons and aromatic volatile organic compounds and oxygenates by Method 8260B. For samples collected around the former USTs, the soil in each sampling tube was sub-sampled using Method 5035 for preservation. All samples were maintained under appropriate preservation conditions and delivered to TestAmerica Laboratories, Inc. (TAL), a California State Certified laboratory located at 1220 Quarry Lane, in Pleasanton, California, under proper chain of custody procedures, for chemical analysis.

6.0 ANALYTICAL RESULTS

A total of 24 soil samples were submitted to TAL following proper chain-of-custody procedures. The analytical results are summarized below:

- No MTBE, other fuel oxygenates, or BTEX constituents were detected in any of the samples analyzed;
- No PCE or TCE was detected in any of the samples analyzed;
- No Total Petroleum Hydrocarbons as hydraulic oil (TPH-h) was detected in any of the samples analyzed;
- Where constituents were detected above the laboratory practical quantitation limit (PQL), none were above respective regulatory screening levels, as shown below. See Appendix B, for the complete set of analytical results.

Table 1
Summary of Chemical Concentrations Detected Above the Laboratory PQL

Constituent	B1-22 (ug/Kg)	B2-23 (ug/Kg)	B3-10 (ug/Kg)	B8-10 (ug/Kg)	MW2-15 (ug/Kg)	MW3-10 (ug/Kg)	MW3-15 (ug/Kg)	EPA RSL* (ug/Kg)	RWQCB SSLs (mg/Kg)
TPH-D**	3.3	35	<0.99	1.5	7.8	2.0	15	NE	10,000***
Methylene Chloride	<10	16	<10	<10	<10	<10	<10	11,000	NE
Acetone	<50	<50	73	<50	<50	<50	<50	61,000,000	NE
2-Butanone (MEK)	<47	<47	<47	59	<47	<47	<47	28,000,000	NE

* Residential Soil, Source: EPA Regional Screening Level, April 2009 Master.

** TPH-D results are expressed in mg/Kg

*** Diesel in soil any depth above groundwater (non-drinking water) Source: RWQCB March 1996 Guidebook: Petroleum Soil Screening Levels (SSLs)
 NE Not Established

7.0 CONCLUSIONS

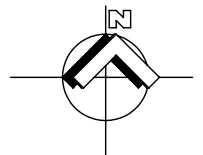
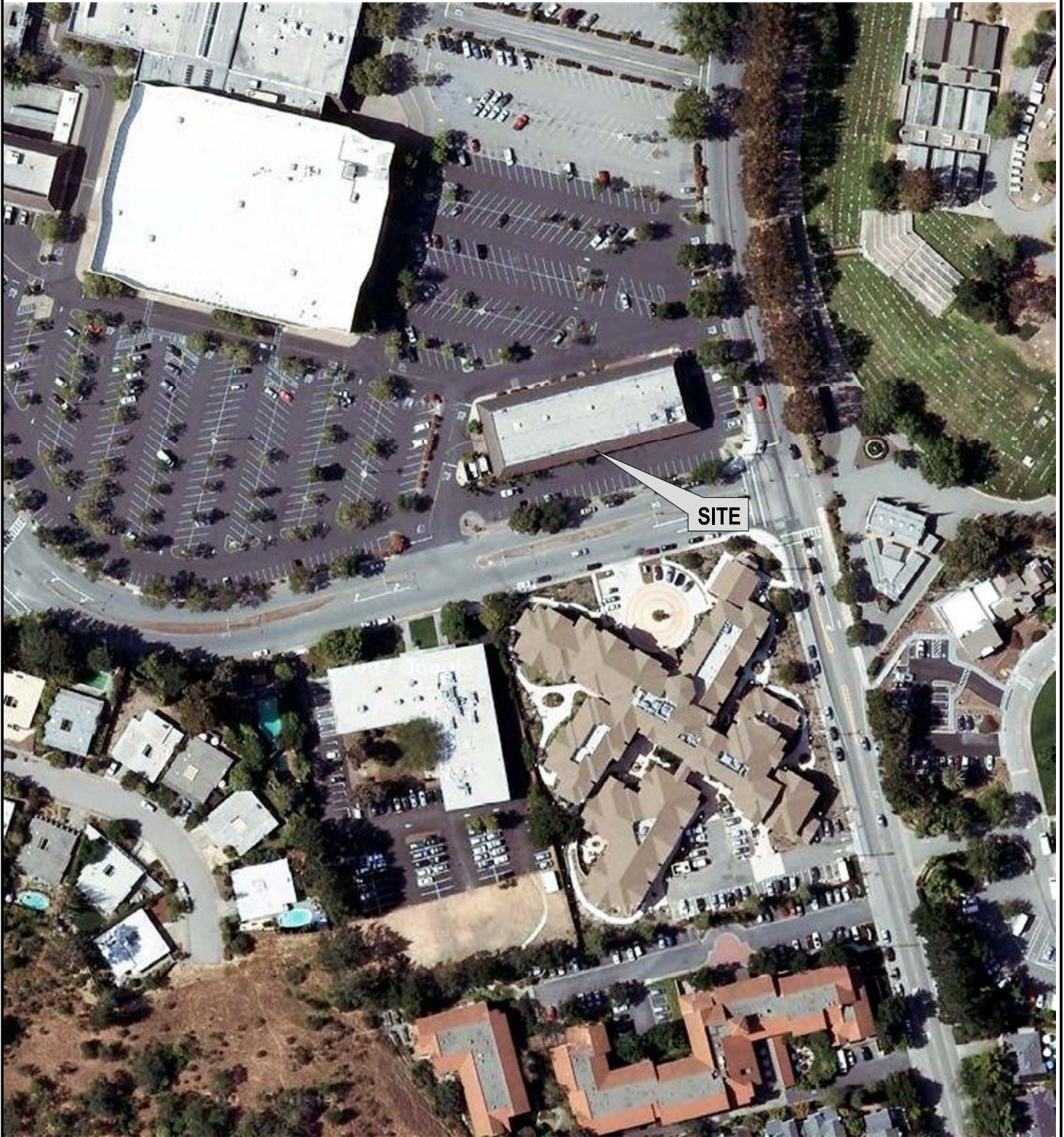
Based on field observations and laboratory analytical results, it is Sigma's professional opinion that soil in the former UST area has not been significantly impacted. No MTBE was detected in any of the samples analyzed, and no concentrations of hydrocarbons above regulatory screening levels were detected. The tight clayey soil conditions at the Site are not anticipated to be conducive to significant contaminant migration.

In addition, based on laboratory analytical results, the soil in area of the active automotive service area has not been significantly impacted. No TPH-h, PCE, or TCE was detected in the samples analyzed, and no other VOCs above regulatory screening levels were detected. The tight clayey soil conditions at the Site are not anticipated to be conducive to significant contaminant migration.

8.0 LIMITATIONS

The statements, conclusions, and recommendations are based on field observations and analytical test results. No review was performed regarding surrounding conditions or on nearby contamination. The conclusions and statements expressed in this summary report are based on observed conditions and are valid relative to those Site conditions and limited knowledge. Future review and interpretations should consider surrounding conditions and regulatory changes that may have been enacted subsequent to the preparation of this summary report.

Appendix A
Figures 1 and 2



Sigma Engineering Inc.

2101 Auto Center Drive
Oxnard, California 93036

FILE NAME: 098275 DATE: 10/15/09

SOURCE:
Topographic Map
Dated 7/1/1983

Site Location Map
Sear Auto Center
9000 Northgate Mall
San Rafeal, CA

FIGURE

1



SOURCE: AEI CONSULTANTS DRAWING - 8/06/09
 SCALE: 1"=40' APPROXIMATE

LEGEND

	SEI BORING/WELL LOCATION		FORMER DISPENSER ISLAND	
	HYDRAULIC LIFT		FORMER HYDRAULIC LIFT	
	PIT AREA WITH FLOOR DRAIN		FORMER WASTE OIL UST	
	FORMER GAS STATION CANOPY		FORMER FUEL USTs	

SITE MAP

9000 Northgate Mall
 San Rafael, California 94903

FIGURE 2
 Job No: 098275

SEI

Appendix B
Analytical Results & Chain-of-Custody Documentation

ANALYTICAL REPORT

Job Number: 720-23080-1

Job Description: Sears Northgate Mall, San Rafael

For:

Sigma Engineering, Inc.
2101 Auto Center Dr. #150
Oxnard, CA 93036

Attention: Mr. Chris Wells



Approved for release.
Dimple Sharma
Project Manager I
10/14/2009 5:39 PM

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com
10/14/2009

CA ELAP Certification # 2496

The Chain(s) of Custody are included and are an integral part of this report.

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A trip blank is required to be provided for volatile analyses. If trip blank results are not included in the report, either the trip blank was not submitted or requested to be analyzed.

TestAmerica Laboratories, Inc.

TestAmerica San Francisco 1220 Quarry Lane, Pleasanton, CA 94566

Tel (925) 484-1919 Fax (925) 600-3002 www.testamericainc.com

Job Narrative
720-J23080-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside the upper control limit: B1-10' (720-23080-1). This sample did not contain any target analytes; therefore, re-analysis was not performed.

Method(s) 8260B: The laboratory control sample (LCS) for preparation batch #59302 exceeded control limits for the following analytes: 1,2-Dichloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The continuing calibration verification (CCV) for 1,1,2,2-Tetrachloroethane and 1,2,3-Trichloropropane recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8260B: Internal standard responses were outside of acceptance limits for the following sample(s): Chlorobenzene-d5 and 1,4-dichlorobenzene-d4 are low. B2-23' (720-23080-6). The sample(s) shows evidence of matrix interference. Sample was re-extracted and re-analyzed and confirmed low internal standards.

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: B2-23' (720-23080-6). 4-bromofluorobenzene is low. Evidence of matrix interference is present. Re-extraction and/or re-analysis was performed and confirmed.

Method(s) 8260B: Internal standard responses and surrogate were outside of acceptance limits for the following sample(s): MW2-15' (720-23080-14). The sample(s) shows evidence of matrix interference and confirmed by reanalysis.

Method(s) 8260B: The laboratory control sample (LCS) for preparation batch #59397 exceeded control limits for the following analytes: 12DCA,DBCP,13DCPA, MIBK, MTBE,1122PCA, 2-HEXANONE and 1,3DCPE. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Internal standard responses were outside of acceptance limits for the following sample(s): MW4-10' (720-23080-7), MW3-10' (720-23080-10), MW3-15' (720-23080-11), MW4-15' (720-23080-8). The sample(s) shows evidence of matrix interference and confirmed by reanalysis.

No other analytical or quality issues were noted.

GC VOA

No analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-23080-4 Diesel Range Organics [C10-C28]	B1-22'	3.3	1.0	mg/Kg	8015B
720-23080-6 Methylene Chloride Diesel Range Organics [C10-C28]	B2-23'	16 35	10 1.0	ug/Kg mg/Kg	8260B 8015B
720-23080-10 Diesel Range Organics [C10-C28]	MW3-10'	2.0	0.99	mg/Kg	8015B
720-23080-11 Diesel Range Organics [C10-C28]	MW3-15'	15	1.0	mg/Kg	8015B
720-23080-14 Diesel Range Organics [C10-C28]	MW2-15'	7.8	0.99	mg/Kg	8015B
720-23080-17 Acetone	B3-10'	73	50	ug/Kg	8260B
720-23080-24 2-Butanone (MEK) Diesel Range Organics [C10-C28]	B8-10'	59 1.5	47 0.99	ug/Kg mg/Kg	8260B 8015B

METHOD SUMMARY

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL SF	SW846 8260B	
Purge and Trap	TAL SF		SW846 5030B
Closed System Purge and Trap	TAL SF		SW846 5035
Diesel Range Organics (DRO) (GC)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-23080-1	B1-10'	Solid	10/05/2009 0715	10/06/2009 1834
720-23080-4	B1-22'	Solid	10/05/2009 0000	10/06/2009 1834
720-23080-5	B2-10'	Solid	10/05/2009 0000	10/06/2009 1834
720-23080-6	B2-23'	Solid	10/05/2009 0000	10/06/2009 1834
720-23080-7	MW4-10'	Solid	10/05/2009 0000	10/06/2009 1834
720-23080-8	MW4-15'	Solid	10/05/2009 0000	10/06/2009 1834
720-23080-10	MW3-10'	Solid	10/05/2009 1430	10/06/2009 1834
720-23080-11	MW3-15'	Solid	10/05/2009 0000	10/06/2009 1834
720-23080-13	MW2-10'	Solid	10/04/2009 1255	10/06/2009 1834
720-23080-14	MW2-15'	Solid	10/04/2009 1329	10/06/2009 1834
720-23080-17	B3-10'	Solid	10/04/2009 0800	10/06/2009 1834
720-23080-18	B4-10'	Solid	10/04/2009 0645	10/06/2009 1834
720-23080-20	B5-10'	Solid	10/04/2009 0830	10/06/2009 1834
720-23080-21	B6-10'	Solid	10/04/2009 0000	10/06/2009 1834
720-23080-23	B7-10'	Solid	10/06/2009 0905	10/06/2009 1834
720-23080-24	B8-10'	Solid	10/06/2009 0715	10/06/2009 1834

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B1-10'

Lab Sample ID: 720-23080-1

Date Sampled: 10/05/2009 0715

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100909.D
Dilution:	1.0		Initial Weight/Volume: 5.04 g
Date Analyzed:	10/10/2009 1533		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		5.0
Acetone		ND		50
Benzene		ND		5.0
Dichlorobromomethane		ND		5.0
Bromobenzene		ND		5.0
Chlorobromomethane		ND		20
Bromoform		ND		5.0
Bromomethane		ND		9.9
2-Butanone (MEK)		ND		50
n-Butylbenzene		ND		5.0
sec-Butylbenzene		ND		5.0
tert-Butylbenzene		ND		5.0
Carbon disulfide		ND		5.0
Carbon tetrachloride		ND		5.0
Chlorobenzene		ND		5.0
Chloroethane		ND		9.9
Chloroform		ND		5.0
Chloromethane		ND		9.9
2-Chlorotoluene		ND		5.0
4-Chlorotoluene		ND		5.0
Chlorodibromomethane		ND		5.0
1,2-Dichlorobenzene		ND		5.0
1,3-Dichlorobenzene		ND		5.0
1,4-Dichlorobenzene		ND		5.0
1,3-Dichloropropane		ND		5.0
1,1-Dichloropropene		ND		5.0
1,2-Dibromo-3-Chloropropane		ND		5.0
Ethylene Dibromide		ND		5.0
Dibromomethane		ND		9.9
Dichlorodifluoromethane		ND		9.9
1,1-Dichloroethane		ND		5.0
1,2-Dichloroethane		ND	*	5.0
1,1-Dichloroethene		ND		5.0
cis-1,2-Dichloroethene		ND		5.0
trans-1,2-Dichloroethene		ND		5.0
1,2-Dichloropropane		ND		5.0
cis-1,3-Dichloropropene		ND		5.0
trans-1,3-Dichloropropene		ND		5.0
Ethylbenzene		ND		5.0
Hexachlorobutadiene		ND		5.0
2-Hexanone		ND		50
Isopropylbenzene		ND		5.0
4-Isopropyltoluene		ND		5.0
Methylene Chloride		ND		9.9
4-Methyl-2-pentanone (MIBK)		ND		50
Naphthalene		ND		9.9

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B1-10'

Lab Sample ID: 720-23080-1

Date Sampled: 10/05/2009 0715

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100909.D
Dilution:	1.0		Initial Weight/Volume: 5.04 g
Date Analyzed:	10/10/2009 1533		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		5.0
Styrene		ND		5.0
1,1,1,2-Tetrachloroethane		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
Tetrachloroethene		ND		5.0
Toluene		ND		5.0
1,2,3-Trichlorobenzene		ND		5.0
1,2,4-Trichlorobenzene		ND		5.0
1,1,1-Trichloroethane		ND		5.0
1,1,2-Trichloroethane		ND		5.0
Trichloroethene		ND		5.0
Trichlorofluoromethane		ND		5.0
1,2,3-Trichloropropane		ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		5.0
1,2,4-Trimethylbenzene		ND		5.0
1,3,5-Trimethylbenzene		ND		5.0
Vinyl acetate		ND		50
Vinyl chloride		ND		5.0
Xylenes, Total		ND		9.9
2,2-Dichloropropane		ND		5.0
Gasoline Range Organics (GRO)-C5-C12		ND		250
TBA		ND		5.0
DIPE		ND		5.0
TAME		ND		5.0
Ethyl t-butyl ether		ND		5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	200	X	52 - 130
1,2-Dichloroethane-d4 (Surr)	219	X	67 - 132
Toluene-d8 (Surr)	197	X	58 - 130

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B1-22'

Lab Sample ID: 720-23080-4

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100916.D
Dilution:	1.0		Initial Weight/Volume: 5.17 g
Date Analyzed:	10/10/2009 1921		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.8
Acetone		ND		48
Benzene		ND		4.8
Dichlorobromomethane		ND		4.8
Bromobenzene		ND		4.8
Chlorobromomethane		ND		19
Bromoform		ND		4.8
Bromomethane		ND		9.7
2-Butanone (MEK)		ND		48
n-Butylbenzene		ND		4.8
sec-Butylbenzene		ND		4.8
tert-Butylbenzene		ND		4.8
Carbon disulfide		ND		4.8
Carbon tetrachloride		ND		4.8
Chlorobenzene		ND		4.8
Chloroethane		ND		9.7
Chloroform		ND		4.8
Chloromethane		ND		9.7
2-Chlorotoluene		ND		4.8
4-Chlorotoluene		ND		4.8
Chlorodibromomethane		ND		4.8
1,2-Dichlorobenzene		ND		4.8
1,3-Dichlorobenzene		ND		4.8
1,4-Dichlorobenzene		ND		4.8
1,3-Dichloropropane		ND		4.8
1,1-Dichloropropene		ND		4.8
1,2-Dibromo-3-Chloropropane		ND		4.8
Ethylene Dibromide		ND		4.8
Dibromomethane		ND		9.7
Dichlorodifluoromethane		ND		9.7
1,1-Dichloroethane		ND		4.8
1,2-Dichloroethane		ND	*	4.8
1,1-Dichloroethene		ND		4.8
cis-1,2-Dichloroethene		ND		4.8
trans-1,2-Dichloroethene		ND		4.8
1,2-Dichloropropane		ND		4.8
cis-1,3-Dichloropropene		ND		4.8
trans-1,3-Dichloropropene		ND		4.8
Ethylbenzene		ND		4.8
Hexachlorobutadiene		ND		4.8
2-Hexanone		ND		48
Isopropylbenzene		ND		4.8
4-Isopropyltoluene		ND		4.8
Methylene Chloride		ND		9.7
4-Methyl-2-pentanone (MIBK)		ND		48
Naphthalene		ND		9.7

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B1-22'

Lab Sample ID: 720-23080-4

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100916.D
Dilution:	1.0		Initial Weight/Volume: 5.17 g
Date Analyzed:	10/10/2009 1921		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		4.8
Styrene		ND		4.8
1,1,1,2-Tetrachloroethane		ND		4.8
1,1,2,2-Tetrachloroethane		ND		4.8
Tetrachloroethene		ND		4.8
Toluene		ND		4.8
1,2,3-Trichlorobenzene		ND		4.8
1,2,4-Trichlorobenzene		ND		4.8
1,1,1-Trichloroethane		ND		4.8
1,1,2-Trichloroethane		ND		4.8
Trichloroethene		ND		4.8
Trichlorofluoromethane		ND		4.8
1,2,3-Trichloropropane		ND		4.8
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.8
1,2,4-Trimethylbenzene		ND		4.8
1,3,5-Trimethylbenzene		ND		4.8
Vinyl acetate		ND		48
Vinyl chloride		ND		4.8
Xylenes, Total		ND		9.7
2,2-Dichloropropane		ND		4.8
Gasoline Range Organics (GRO)-C5-C12		ND		240
TBA		ND		4.8
DIPE		ND		4.8
TAME		ND		4.8
Ethyl t-butyl ether		ND		4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	79		52 - 130
1,2-Dichloroethane-d4 (Surr)	117		67 - 132
Toluene-d8 (Surr)	97		58 - 130

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B2-10'

Lab Sample ID: 720-23080-5

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100917.D
Dilution:	1.0		Initial Weight/Volume: 5.98 g
Date Analyzed:	10/10/2009 1954		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.2
Acetone		ND		42
Benzene		ND		4.2
Dichlorobromomethane		ND		4.2
Bromobenzene		ND		4.2
Chlorobromomethane		ND		17
Bromoform		ND		4.2
Bromomethane		ND		8.4
2-Butanone (MEK)		ND		42
n-Butylbenzene		ND		4.2
sec-Butylbenzene		ND		4.2
tert-Butylbenzene		ND		4.2
Carbon disulfide		ND		4.2
Carbon tetrachloride		ND		4.2
Chlorobenzene		ND		4.2
Chloroethane		ND		8.4
Chloroform		ND		4.2
Chloromethane		ND		8.4
2-Chlorotoluene		ND		4.2
4-Chlorotoluene		ND		4.2
Chlorodibromomethane		ND		4.2
1,2-Dichlorobenzene		ND		4.2
1,3-Dichlorobenzene		ND		4.2
1,4-Dichlorobenzene		ND		4.2
1,3-Dichloropropane		ND		4.2
1,1-Dichloropropene		ND		4.2
1,2-Dibromo-3-Chloropropane		ND		4.2
Ethylene Dibromide		ND		4.2
Dibromomethane		ND		8.4
Dichlorodifluoromethane		ND		8.4
1,1-Dichloroethane		ND		4.2
1,2-Dichloroethane		ND	*	4.2
1,1-Dichloroethene		ND		4.2
cis-1,2-Dichloroethene		ND		4.2
trans-1,2-Dichloroethene		ND		4.2
1,2-Dichloropropane		ND		4.2
cis-1,3-Dichloropropene		ND		4.2
trans-1,3-Dichloropropene		ND		4.2
Ethylbenzene		ND		4.2
Hexachlorobutadiene		ND		4.2
2-Hexanone		ND		42
Isopropylbenzene		ND		4.2
4-Isopropyltoluene		ND		4.2
Methylene Chloride		ND		8.4
4-Methyl-2-pentanone (MIBK)		ND		42
Naphthalene		ND		8.4

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B2-10'

Lab Sample ID: 720-23080-5

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100917.D
Dilution:	1.0		Initial Weight/Volume: 5.98 g
Date Analyzed:	10/10/2009 1954		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		4.2
Styrene		ND		4.2
1,1,1,2-Tetrachloroethane		ND		4.2
1,1,2,2-Tetrachloroethane		ND		4.2
Tetrachloroethene		ND		4.2
Toluene		ND		4.2
1,2,3-Trichlorobenzene		ND		4.2
1,2,4-Trichlorobenzene		ND		4.2
1,1,1-Trichloroethane		ND		4.2
1,1,2-Trichloroethane		ND		4.2
Trichloroethene		ND		4.2
Trichlorofluoromethane		ND		4.2
1,2,3-Trichloropropane		ND		4.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.2
1,2,4-Trimethylbenzene		ND		4.2
1,3,5-Trimethylbenzene		ND		4.2
Vinyl acetate		ND		4.2
Vinyl chloride		ND		4.2
Xylenes, Total		ND		8.4
2,2-Dichloropropane		ND		4.2
Gasoline Range Organics (GRO)-C5-C12		ND		210
TBA		ND		4.2
DIPE		ND		4.2
TAME		ND		4.2
Ethyl t-butyl ether		ND		4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	103		52 - 130
1,2-Dichloroethane-d4 (Surr)	112		67 - 132
Toluene-d8 (Surr)	104		58 - 130

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B2-23'

Lab Sample ID: 720-23080-6

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59384	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59432	Lab File ID: 10120930.D
Dilution:	1.0		Initial Weight/Volume: 5.00 g
Date Analyzed:	10/13/2009 0139		Final Weight/Volume: 10 mL
Date Prepared:	10/12/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		5.0
Acetone		ND		50
Benzene		ND		5.0
Dichlorobromomethane		ND		5.0
Bromobenzene		ND		5.0
Chlorobromomethane		ND		20
Bromoform		ND		5.0
Bromomethane		ND		10
2-Butanone (MEK)		ND		50
n-Butylbenzene		ND		5.0
sec-Butylbenzene		ND		5.0
tert-Butylbenzene		ND		5.0
Carbon disulfide		ND		5.0
Carbon tetrachloride		ND		5.0
Chlorobenzene		ND		5.0
Chloroethane		ND		10
Chloroform		ND		5.0
Chloromethane		ND		10
2-Chlorotoluene		ND		5.0
4-Chlorotoluene		ND		5.0
Chlorodibromomethane		ND		5.0
1,2-Dichlorobenzene		ND		5.0
1,3-Dichlorobenzene		ND		5.0
1,4-Dichlorobenzene		ND		5.0
1,3-Dichloropropane		ND		5.0
1,1-Dichloropropene		ND		5.0
1,2-Dibromo-3-Chloropropane		ND		5.0
Ethylene Dibromide		ND		5.0
Dibromomethane		ND		10
Dichlorodifluoromethane		ND		10
1,1-Dichloroethane		ND		5.0
1,2-Dichloroethane		ND		5.0
1,1-Dichloroethene		ND		5.0
cis-1,2-Dichloroethene		ND		5.0
trans-1,2-Dichloroethene		ND		5.0
1,2-Dichloropropane		ND		5.0
cis-1,3-Dichloropropene		ND		5.0
trans-1,3-Dichloropropene		ND		5.0
Ethylbenzene		ND		5.0
Hexachlorobutadiene		ND		5.0
2-Hexanone		ND		50
Isopropylbenzene		ND		5.0
4-Isopropyltoluene		ND		5.0
Methylene Chloride		16		10
4-Methyl-2-pentanone (MIBK)		ND		50
Naphthalene		ND		10

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B2-23'

Lab Sample ID: 720-23080-6

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59384	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59432	Lab File ID: 10120930.D
Dilution:	1.0		Initial Weight/Volume: 5.00 g
Date Analyzed:	10/13/2009 0139		Final Weight/Volume: 10 mL
Date Prepared:	10/12/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		5.0
Styrene		ND		5.0
1,1,1,2-Tetrachloroethane		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
Tetrachloroethene		ND		5.0
Toluene		ND		5.0
1,2,3-Trichlorobenzene		ND		5.0
1,2,4-Trichlorobenzene		ND		5.0
1,1,1-Trichloroethane		ND		5.0
1,1,2-Trichloroethane		ND		5.0
Trichloroethene		ND		5.0
Trichlorofluoromethane		ND		5.0
1,2,3-Trichloropropane		ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		5.0
1,2,4-Trimethylbenzene		ND		5.0
1,3,5-Trimethylbenzene		ND		5.0
Vinyl acetate		ND		50
Vinyl chloride		ND		5.0
Xylenes, Total		ND		10
2,2-Dichloropropane		ND		5.0
Gasoline Range Organics (GRO)-C5-C12		ND		250
TBA		ND		5.0
DIPE		ND		5.0
TAME		ND		5.0
Ethyl t-butyl ether		ND		5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	49	X	52 - 140
1,2-Dichloroethane-d4 (Surr)	108		60 - 140
Toluene-d8 (Surr)	64		58 - 140

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW4-10'

Lab Sample ID: 720-23080-7

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130912.D
Dilution:	1.0		Initial Weight/Volume: 6.512 g
Date Analyzed:	10/13/2009 1402		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		3.8
Acetone		ND		38
Benzene		ND		3.8
Dichlorobromomethane		ND		3.8
Bromobenzene		ND		3.8
Chlorobromomethane		ND		15
Bromoform		ND		3.8
Bromomethane		ND		7.7
2-Butanone (MEK)		ND		38
n-Butylbenzene		ND		3.8
sec-Butylbenzene		ND		3.8
tert-Butylbenzene		ND		3.8
Carbon disulfide		ND		3.8
Carbon tetrachloride		ND		3.8
Chlorobenzene		ND		3.8
Chloroethane		ND		7.7
Chloroform		ND		3.8
Chloromethane		ND		7.7
2-Chlorotoluene		ND		3.8
4-Chlorotoluene		ND		3.8
Chlorodibromomethane		ND		3.8
1,2-Dichlorobenzene		ND		3.8
1,3-Dichlorobenzene		ND		3.8
1,4-Dichlorobenzene		ND		3.8
1,3-Dichloropropane		ND		3.8
1,1-Dichloropropene		ND		3.8
1,2-Dibromo-3-Chloropropane		ND		3.8
Ethylene Dibromide		ND		3.8
Dibromomethane		ND		7.7
Dichlorodifluoromethane		ND		7.7
1,1-Dichloroethane		ND		3.8
1,2-Dichloroethane		ND		3.8
1,1-Dichloroethene		ND		3.8
cis-1,2-Dichloroethene		ND		3.8
trans-1,2-Dichloroethene		ND		3.8
1,2-Dichloropropane		ND		3.8
cis-1,3-Dichloropropene		ND		3.8
trans-1,3-Dichloropropene		ND		3.8
Ethylbenzene		ND		3.8
Hexachlorobutadiene		ND		3.8
2-Hexanone		ND		38
Isopropylbenzene		ND		3.8
4-Isopropyltoluene		ND		3.8
Methylene Chloride		ND		7.7
4-Methyl-2-pentanone (MIBK)		ND		38
Naphthalene		ND		7.7

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW4-10'

Lab Sample ID: 720-23080-7

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130912.D
Dilution:	1.0		Initial Weight/Volume: 6.512 g
Date Analyzed:	10/13/2009 1402		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		3.8
Styrene		ND		3.8
1,1,1,2-Tetrachloroethane		ND		3.8
1,1,2,2-Tetrachloroethane		ND		3.8
Tetrachloroethene		ND		3.8
Toluene		ND		3.8
1,2,3-Trichlorobenzene		ND		3.8
1,2,4-Trichlorobenzene		ND		3.8
1,1,1-Trichloroethane		ND		3.8
1,1,2-Trichloroethane		ND		3.8
Trichloroethene		ND		3.8
Trichlorofluoromethane		ND		3.8
1,2,3-Trichloropropane		ND		3.8
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		3.8
1,2,4-Trimethylbenzene		ND		3.8
1,3,5-Trimethylbenzene		ND		3.8
Vinyl acetate		ND		38
Vinyl chloride		ND		3.8
Xylenes, Total		ND		7.7
2,2-Dichloropropane		ND		3.8
Gasoline Range Organics (GRO)-C5-C12		ND		190
TBA		ND		3.8
DIPE		ND		3.8
TAME		ND		3.8
Ethyl t-butyl ether		ND		3.8

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	106		52 - 140
1,2-Dichloroethane-d4 (Surr)	134		60 - 140
Toluene-d8 (Surr)	102		58 - 140

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW4-15'

Lab Sample ID: 720-23080-8

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130913.D
Dilution:	1.0		Initial Weight/Volume: 6.798 g
Date Analyzed:	10/13/2009 1436		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		3.7
Acetone		ND		37
Benzene		ND		3.7
Dichlorobromomethane		ND		3.7
Bromobenzene		ND		3.7
Chlorobromomethane		ND		15
Bromoform		ND		3.7
Bromomethane		ND		7.4
2-Butanone (MEK)		ND		37
n-Butylbenzene		ND		3.7
sec-Butylbenzene		ND		3.7
tert-Butylbenzene		ND		3.7
Carbon disulfide		ND		3.7
Carbon tetrachloride		ND		3.7
Chlorobenzene		ND		3.7
Chloroethane		ND		7.4
Chloroform		ND		3.7
Chloromethane		ND		7.4
2-Chlorotoluene		ND		3.7
4-Chlorotoluene		ND		3.7
Chlorodibromomethane		ND		3.7
1,2-Dichlorobenzene		ND		3.7
1,3-Dichlorobenzene		ND		3.7
1,4-Dichlorobenzene		ND		3.7
1,3-Dichloropropane		ND		3.7
1,1-Dichloropropene		ND		3.7
1,2-Dibromo-3-Chloropropane		ND		3.7
Ethylene Dibromide		ND		3.7
Dibromomethane		ND		7.4
Dichlorodifluoromethane		ND		7.4
1,1-Dichloroethane		ND		3.7
1,2-Dichloroethane		ND		3.7
1,1-Dichloroethene		ND		3.7
cis-1,2-Dichloroethene		ND		3.7
trans-1,2-Dichloroethene		ND		3.7
1,2-Dichloropropane		ND		3.7
cis-1,3-Dichloropropene		ND		3.7
trans-1,3-Dichloropropene		ND		3.7
Ethylbenzene		ND		3.7
Hexachlorobutadiene		ND		3.7
2-Hexanone		ND		37
Isopropylbenzene		ND		3.7
4-Isopropyltoluene		ND		3.7
Methylene Chloride		ND		7.4
4-Methyl-2-pentanone (MIBK)		ND		37
Naphthalene		ND		7.4

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW4-15'

Lab Sample ID: 720-23080-8

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130913.D
Dilution:	1.0		Initial Weight/Volume: 6.798 g
Date Analyzed:	10/13/2009 1436		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		3.7
Styrene		ND		3.7
1,1,1,2-Tetrachloroethane		ND		3.7
1,1,2,2-Tetrachloroethane		ND		3.7
Tetrachloroethene		ND		3.7
Toluene		ND		3.7
1,2,3-Trichlorobenzene		ND		3.7
1,2,4-Trichlorobenzene		ND		3.7
1,1,1-Trichloroethane		ND		3.7
1,1,2-Trichloroethane		ND		3.7
Trichloroethene		ND		3.7
Trichlorofluoromethane		ND		3.7
1,2,3-Trichloropropane		ND		3.7
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		3.7
1,2,4-Trimethylbenzene		ND		3.7
1,3,5-Trimethylbenzene		ND		3.7
Vinyl acetate		ND		37
Vinyl chloride		ND		3.7
Xylenes, Total		ND		7.4
2,2-Dichloropropane		ND		3.7
Gasoline Range Organics (GRO)-C5-C12		ND		180
TBA		ND		3.7
DIPE		ND		3.7
TAME		ND		3.7
Ethyl t-butyl ether		ND		3.7

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	90		52 - 140
1,2-Dichloroethane-d4 (Surr)	134		60 - 140
Toluene-d8 (Surr)	97		58 - 140

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW3-10'

Lab Sample ID: 720-23080-10

Date Sampled: 10/05/2009 1430

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130914.D
Dilution:	1.0		Initial Weight/Volume: 5.598 g
Date Analyzed:	10/13/2009 1509		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.5
Acetone		ND		45
Benzene		ND		4.5
Dichlorobromomethane		ND		4.5
Bromobenzene		ND		4.5
Chlorobromomethane		ND		18
Bromoform		ND		4.5
Bromomethane		ND		8.9
2-Butanone (MEK)		ND		45
n-Butylbenzene		ND		4.5
sec-Butylbenzene		ND		4.5
tert-Butylbenzene		ND		4.5
Carbon disulfide		ND		4.5
Carbon tetrachloride		ND		4.5
Chlorobenzene		ND		4.5
Chloroethane		ND		8.9
Chloroform		ND		4.5
Chloromethane		ND		8.9
2-Chlorotoluene		ND		4.5
4-Chlorotoluene		ND		4.5
Chlorodibromomethane		ND		4.5
1,2-Dichlorobenzene		ND		4.5
1,3-Dichlorobenzene		ND		4.5
1,4-Dichlorobenzene		ND		4.5
1,3-Dichloropropane		ND		4.5
1,1-Dichloropropene		ND		4.5
1,2-Dibromo-3-Chloropropane		ND		4.5
Ethylene Dibromide		ND		4.5
Dibromomethane		ND		8.9
Dichlorodifluoromethane		ND		8.9
1,1-Dichloroethane		ND		4.5
1,2-Dichloroethane		ND		4.5
1,1-Dichloroethene		ND		4.5
cis-1,2-Dichloroethene		ND		4.5
trans-1,2-Dichloroethene		ND		4.5
1,2-Dichloropropane		ND		4.5
cis-1,3-Dichloropropene		ND		4.5
trans-1,3-Dichloropropene		ND		4.5
Ethylbenzene		ND		4.5
Hexachlorobutadiene		ND		4.5
2-Hexanone		ND		45
Isopropylbenzene		ND		4.5
4-Isopropyltoluene		ND		4.5
Methylene Chloride		ND		8.9
4-Methyl-2-pentanone (MIBK)		ND		45
Naphthalene		ND		8.9

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW3-10'

Lab Sample ID: 720-23080-10

Date Sampled: 10/05/2009 1430

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130914.D
Dilution:	1.0		Initial Weight/Volume: 5.598 g
Date Analyzed:	10/13/2009 1509		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		4.5
Styrene		ND		4.5
1,1,1,2-Tetrachloroethane		ND		4.5
1,1,2,2-Tetrachloroethane		ND		4.5
Tetrachloroethene		ND		4.5
Toluene		ND		4.5
1,2,3-Trichlorobenzene		ND		4.5
1,2,4-Trichlorobenzene		ND		4.5
1,1,1-Trichloroethane		ND		4.5
1,1,2-Trichloroethane		ND		4.5
Trichloroethene		ND		4.5
Trichlorofluoromethane		ND		4.5
1,2,3-Trichloropropane		ND		4.5
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.5
1,2,4-Trimethylbenzene		ND		4.5
1,3,5-Trimethylbenzene		ND		4.5
Vinyl acetate		ND		45
Vinyl chloride		ND		4.5
Xylenes, Total		ND		8.9
2,2-Dichloropropane		ND		4.5
Gasoline Range Organics (GRO)-C5-C12		ND		220
TBA		ND		4.5
DIPE		ND		4.5
TAME		ND		4.5
Ethyl t-butyl ether		ND		4.5

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	85		52 - 140
1,2-Dichloroethane-d4 (Surr)	138		60 - 140
Toluene-d8 (Surr)	97		58 - 140

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW3-15'

Lab Sample ID: 720-23080-11

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130915.D
Dilution:	1.0		Initial Weight/Volume: 6.246 g
Date Analyzed:	10/13/2009 1543		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.0
Acetone		ND		40
Benzene		ND		4.0
Dichlorobromomethane		ND		4.0
Bromobenzene		ND		4.0
Chlorobromomethane		ND		16
Bromoform		ND		4.0
Bromomethane		ND		8.0
2-Butanone (MEK)		ND		40
n-Butylbenzene		ND		4.0
sec-Butylbenzene		ND		4.0
tert-Butylbenzene		ND		4.0
Carbon disulfide		ND		4.0
Carbon tetrachloride		ND		4.0
Chlorobenzene		ND		4.0
Chloroethane		ND		8.0
Chloroform		ND		4.0
Chloromethane		ND		8.0
2-Chlorotoluene		ND		4.0
4-Chlorotoluene		ND		4.0
Chlorodibromomethane		ND		4.0
1,2-Dichlorobenzene		ND		4.0
1,3-Dichlorobenzene		ND		4.0
1,4-Dichlorobenzene		ND		4.0
1,3-Dichloropropane		ND		4.0
1,1-Dichloropropene		ND		4.0
1,2-Dibromo-3-Chloropropane		ND		4.0
Ethylene Dibromide		ND		4.0
Dibromomethane		ND		8.0
Dichlorodifluoromethane		ND		8.0
1,1-Dichloroethane		ND		4.0
1,2-Dichloroethane		ND		4.0
1,1-Dichloroethene		ND		4.0
cis-1,2-Dichloroethene		ND		4.0
trans-1,2-Dichloroethene		ND		4.0
1,2-Dichloropropane		ND		4.0
cis-1,3-Dichloropropene		ND		4.0
trans-1,3-Dichloropropene		ND		4.0
Ethylbenzene		ND		4.0
Hexachlorobutadiene		ND		4.0
2-Hexanone		ND		40
Isopropylbenzene		ND		4.0
4-Isopropyltoluene		ND		4.0
Methylene Chloride		ND		8.0
4-Methyl-2-pentanone (MIBK)		ND		40
Naphthalene		ND		8.0

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW3-15'

Lab Sample ID: 720-23080-11

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130915.D
Dilution:	1.0		Initial Weight/Volume: 6.246 g
Date Analyzed:	10/13/2009 1543		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		4.0
Styrene		ND		4.0
1,1,1,2-Tetrachloroethane		ND		4.0
1,1,2,2-Tetrachloroethane		ND		4.0
Tetrachloroethene		ND		4.0
Toluene		ND		4.0
1,2,3-Trichlorobenzene		ND		4.0
1,2,4-Trichlorobenzene		ND		4.0
1,1,1-Trichloroethane		ND		4.0
1,1,2-Trichloroethane		ND		4.0
Trichloroethene		ND		4.0
Trichlorofluoromethane		ND		4.0
1,2,3-Trichloropropane		ND		4.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.0
1,2,4-Trimethylbenzene		ND		4.0
1,3,5-Trimethylbenzene		ND		4.0
Vinyl acetate		ND		40
Vinyl chloride		ND		4.0
Xylenes, Total		ND		8.0
2,2-Dichloropropane		ND		4.0
Gasoline Range Organics (GRO)-C5-C12		ND		200
TBA		ND		4.0
DIPE		ND		4.0
TAME		ND		4.0
Ethyl t-butyl ether		ND		4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	67		52 - 140
1,2-Dichloroethane-d4 (Surr)	124		60 - 140
Toluene-d8 (Surr)	92		58 - 140

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW2-10'

Lab Sample ID: 720-23080-13

Date Sampled: 10/04/2009 1255

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130916.D
Dilution:	1.0		Initial Weight/Volume: 5.986 g
Date Analyzed:	10/13/2009 1616		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.2
Acetone		ND		42
Benzene		ND		4.2
Dichlorobromomethane		ND		4.2
Bromobenzene		ND		4.2
Chlorobromomethane		ND		17
Bromoform		ND		4.2
Bromomethane		ND		8.4
2-Butanone (MEK)		ND		42
n-Butylbenzene		ND		4.2
sec-Butylbenzene		ND		4.2
tert-Butylbenzene		ND		4.2
Carbon disulfide		ND		4.2
Carbon tetrachloride		ND		4.2
Chlorobenzene		ND		4.2
Chloroethane		ND		8.4
Chloroform		ND		4.2
Chloromethane		ND		8.4
2-Chlorotoluene		ND		4.2
4-Chlorotoluene		ND		4.2
Chlorodibromomethane		ND		4.2
1,2-Dichlorobenzene		ND		4.2
1,3-Dichlorobenzene		ND		4.2
1,4-Dichlorobenzene		ND		4.2
1,3-Dichloropropane		ND		4.2
1,1-Dichloropropene		ND		4.2
1,2-Dibromo-3-Chloropropane		ND		4.2
Ethylene Dibromide		ND		4.2
Dibromomethane		ND		8.4
Dichlorodifluoromethane		ND		8.4
1,1-Dichloroethane		ND		4.2
1,2-Dichloroethane		ND		4.2
1,1-Dichloroethene		ND		4.2
cis-1,2-Dichloroethene		ND		4.2
trans-1,2-Dichloroethene		ND		4.2
1,2-Dichloropropane		ND		4.2
cis-1,3-Dichloropropene		ND		4.2
trans-1,3-Dichloropropene		ND		4.2
Ethylbenzene		ND		4.2
Hexachlorobutadiene		ND		4.2
2-Hexanone		ND		42
Isopropylbenzene		ND		4.2
4-Isopropyltoluene		ND		4.2
Methylene Chloride		ND		8.4
4-Methyl-2-pentanone (MIBK)		ND		42
Naphthalene		ND		8.4

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW2-10'

Lab Sample ID: 720-23080-13

Date Sampled: 10/04/2009 1255

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130916.D
Dilution:	1.0		Initial Weight/Volume: 5.986 g
Date Analyzed:	10/13/2009 1616		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		4.2
Styrene		ND		4.2
1,1,1,2-Tetrachloroethane		ND		4.2
1,1,2,2-Tetrachloroethane		ND		4.2
Tetrachloroethene		ND		4.2
Toluene		ND		4.2
1,2,3-Trichlorobenzene		ND		4.2
1,2,4-Trichlorobenzene		ND		4.2
1,1,1-Trichloroethane		ND		4.2
1,1,2-Trichloroethane		ND		4.2
Trichloroethene		ND		4.2
Trichlorofluoromethane		ND		4.2
1,2,3-Trichloropropane		ND		4.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.2
1,2,4-Trimethylbenzene		ND		4.2
1,3,5-Trimethylbenzene		ND		4.2
Vinyl acetate		ND		4.2
Vinyl chloride		ND		4.2
Xylenes, Total		ND		8.4
2,2-Dichloropropane		ND		4.2
Gasoline Range Organics (GRO)-C5-C12		ND		210
TBA		ND		4.2
DIPE		ND		4.2
TAME		ND		4.2
Ethyl t-butyl ether		ND		4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		52 - 140
1,2-Dichloroethane-d4 (Surr)	130		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW2-15'

Lab Sample ID: 720-23080-14

Date Sampled: 10/04/2009 1329

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130917.D
Dilution:	1.0		Initial Weight/Volume: 6.46 g
Date Analyzed:	10/13/2009 1649		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		3.9
Acetone		ND		39
Benzene		ND		3.9
Dichlorobromomethane		ND		3.9
Bromobenzene		ND		3.9
Chlorobromomethane		ND		15
Bromoform		ND		3.9
Bromomethane		ND		7.7
2-Butanone (MEK)		ND		39
n-Butylbenzene		ND		3.9
sec-Butylbenzene		ND		3.9
tert-Butylbenzene		ND		3.9
Carbon disulfide		ND		3.9
Carbon tetrachloride		ND		3.9
Chlorobenzene		ND		3.9
Chloroethane		ND		7.7
Chloroform		ND		3.9
Chloromethane		ND		7.7
2-Chlorotoluene		ND		3.9
4-Chlorotoluene		ND		3.9
Chlorodibromomethane		ND		3.9
1,2-Dichlorobenzene		ND		3.9
1,3-Dichlorobenzene		ND		3.9
1,4-Dichlorobenzene		ND		3.9
1,3-Dichloropropane		ND		3.9
1,1-Dichloropropene		ND		3.9
1,2-Dibromo-3-Chloropropane		ND		3.9
Ethylene Dibromide		ND		3.9
Dibromomethane		ND		7.7
Dichlorodifluoromethane		ND		7.7
1,1-Dichloroethane		ND		3.9
1,2-Dichloroethane		ND		3.9
1,1-Dichloroethene		ND		3.9
cis-1,2-Dichloroethene		ND		3.9
trans-1,2-Dichloroethene		ND		3.9
1,2-Dichloropropane		ND		3.9
cis-1,3-Dichloropropene		ND		3.9
trans-1,3-Dichloropropene		ND		3.9
Ethylbenzene		ND		3.9
Hexachlorobutadiene		ND		3.9
2-Hexanone		ND		39
Isopropylbenzene		ND		3.9
4-Isopropyltoluene		ND		3.9
Methylene Chloride		ND		7.7
4-Methyl-2-pentanone (MIBK)		ND		39
Naphthalene		ND		7.7

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW2-15'

Lab Sample ID: 720-23080-14

Date Sampled: 10/04/2009 1329

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59397	Instrument ID: HP12
Preparation:	5035	Prep Batch: 720-59492	Lab File ID: 10130917.D
Dilution:	1.0		Initial Weight/Volume: 6.46 g
Date Analyzed:	10/13/2009 1649		Final Weight/Volume: 10 mL
Date Prepared:	10/13/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		3.9
Styrene		ND		3.9
1,1,1,2-Tetrachloroethane		ND		3.9
1,1,2,2-Tetrachloroethane		ND		3.9
Tetrachloroethene		ND		3.9
Toluene		ND		3.9
1,2,3-Trichlorobenzene		ND		3.9
1,2,4-Trichlorobenzene		ND		3.9
1,1,1-Trichloroethane		ND		3.9
1,1,2-Trichloroethane		ND		3.9
Trichloroethene		ND		3.9
Trichlorofluoromethane		ND		3.9
1,2,3-Trichloropropane		ND		3.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		3.9
1,2,4-Trimethylbenzene		ND		3.9
1,3,5-Trimethylbenzene		ND		3.9
Vinyl acetate		ND		39
Vinyl chloride		ND		3.9
Xylenes, Total		ND		7.7
2,2-Dichloropropane		ND		3.9
Gasoline Range Organics (GRO)-C5-C12		ND		190
TBA		ND		3.9
DIPE		ND		3.9
TAME		ND		3.9
Ethyl t-butyl ether		ND		3.9

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	50	X	52 - 140
1,2-Dichloroethane-d4 (Surr)	120		60 - 140
Toluene-d8 (Surr)	85		58 - 140

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B3-10'

Lab Sample ID: 720-23080-17

Date Sampled: 10/04/2009 0800

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100919.D
Dilution:	1.0		Initial Weight/Volume: 5.03 g
Date Analyzed:	10/10/2009 2059		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		5.0
Acetone		73		50
Benzene		ND		5.0
Dichlorobromomethane		ND		5.0
Bromobenzene		ND		5.0
Chlorobromomethane		ND		20
Bromoform		ND		5.0
Bromomethane		ND		9.9
2-Butanone (MEK)		ND		50
n-Butylbenzene		ND		5.0
sec-Butylbenzene		ND		5.0
tert-Butylbenzene		ND		5.0
Carbon disulfide		ND		5.0
Carbon tetrachloride		ND		5.0
Chlorobenzene		ND		5.0
Chloroethane		ND		9.9
Chloroform		ND		5.0
Chloromethane		ND		9.9
2-Chlorotoluene		ND		5.0
4-Chlorotoluene		ND		5.0
Chlorodibromomethane		ND		5.0
1,2-Dichlorobenzene		ND		5.0
1,3-Dichlorobenzene		ND		5.0
1,4-Dichlorobenzene		ND		5.0
1,3-Dichloropropane		ND		5.0
1,1-Dichloropropene		ND		5.0
1,2-Dibromo-3-Chloropropane		ND		5.0
Ethylene Dibromide		ND		5.0
Dibromomethane		ND		9.9
Dichlorodifluoromethane		ND		9.9
1,1-Dichloroethane		ND		5.0
1,2-Dichloroethane		ND	*	5.0
1,1-Dichloroethene		ND		5.0
cis-1,2-Dichloroethene		ND		5.0
trans-1,2-Dichloroethene		ND		5.0
1,2-Dichloropropane		ND		5.0
cis-1,3-Dichloropropene		ND		5.0
trans-1,3-Dichloropropene		ND		5.0
Ethylbenzene		ND		5.0
Hexachlorobutadiene		ND		5.0
2-Hexanone		ND		50
Isopropylbenzene		ND		5.0
4-Isopropyltoluene		ND		5.0
Methylene Chloride		ND		9.9
4-Methyl-2-pentanone (MIBK)		ND		50
Naphthalene		ND		9.9

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B3-10'

Lab Sample ID: 720-23080-17

Date Sampled: 10/04/2009 0800

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100919.D
Dilution:	1.0		Initial Weight/Volume: 5.03 g
Date Analyzed:	10/10/2009 2059		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		5.0
Styrene		ND		5.0
1,1,1,2-Tetrachloroethane		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
Tetrachloroethene		ND		5.0
Toluene		ND		5.0
1,2,3-Trichlorobenzene		ND		5.0
1,2,4-Trichlorobenzene		ND		5.0
1,1,1-Trichloroethane		ND		5.0
1,1,2-Trichloroethane		ND		5.0
Trichloroethene		ND		5.0
Trichlorofluoromethane		ND		5.0
1,2,3-Trichloropropane		ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		5.0
1,2,4-Trimethylbenzene		ND		5.0
1,3,5-Trimethylbenzene		ND		5.0
Vinyl acetate		ND		50
Vinyl chloride		ND		5.0
Xylenes, Total		ND		9.9
2,2-Dichloropropane		ND		5.0
Gasoline Range Organics (GRO)-C5-C12		ND		250
TBA		ND		5.0
DIPE		ND		5.0
TAME		ND		5.0
Ethyl t-butyl ether		ND		5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	101		52 - 130
1,2-Dichloroethane-d4 (Surr)	114		67 - 132
Toluene-d8 (Surr)	101		58 - 130

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B4-10'

Lab Sample ID: 720-23080-18

Date Sampled: 10/04/2009 0645

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100920.D
Dilution:	1.0		Initial Weight/Volume: 5.04 g
Date Analyzed:	10/10/2009 2132		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		5.0
Acetone		ND		50
Benzene		ND		5.0
Dichlorobromomethane		ND		5.0
Bromobenzene		ND		5.0
Chlorobromomethane		ND		20
Bromoform		ND		5.0
Bromomethane		ND		9.9
2-Butanone (MEK)		ND		50
n-Butylbenzene		ND		5.0
sec-Butylbenzene		ND		5.0
tert-Butylbenzene		ND		5.0
Carbon disulfide		ND		5.0
Carbon tetrachloride		ND		5.0
Chlorobenzene		ND		5.0
Chloroethane		ND		9.9
Chloroform		ND		5.0
Chloromethane		ND		9.9
2-Chlorotoluene		ND		5.0
4-Chlorotoluene		ND		5.0
Chlorodibromomethane		ND		5.0
1,2-Dichlorobenzene		ND		5.0
1,3-Dichlorobenzene		ND		5.0
1,4-Dichlorobenzene		ND		5.0
1,3-Dichloropropane		ND		5.0
1,1-Dichloropropene		ND		5.0
1,2-Dibromo-3-Chloropropane		ND		5.0
Ethylene Dibromide		ND		5.0
Dibromomethane		ND		9.9
Dichlorodifluoromethane		ND		9.9
1,1-Dichloroethane		ND		5.0
1,2-Dichloroethane		ND	*	5.0
1,1-Dichloroethene		ND		5.0
cis-1,2-Dichloroethene		ND		5.0
trans-1,2-Dichloroethene		ND		5.0
1,2-Dichloropropane		ND		5.0
cis-1,3-Dichloropropene		ND		5.0
trans-1,3-Dichloropropene		ND		5.0
Ethylbenzene		ND		5.0
Hexachlorobutadiene		ND		5.0
2-Hexanone		ND		50
Isopropylbenzene		ND		5.0
4-Isopropyltoluene		ND		5.0
Methylene Chloride		ND		9.9
4-Methyl-2-pentanone (MIBK)		ND		50
Naphthalene		ND		9.9

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B4-10'

Lab Sample ID: 720-23080-18

Date Sampled: 10/04/2009 0645

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100920.D
Dilution:	1.0		Initial Weight/Volume: 5.04 g
Date Analyzed:	10/10/2009 2132		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		5.0
Styrene		ND		5.0
1,1,1,2-Tetrachloroethane		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
Tetrachloroethene		ND		5.0
Toluene		ND		5.0
1,2,3-Trichlorobenzene		ND		5.0
1,2,4-Trichlorobenzene		ND		5.0
1,1,1-Trichloroethane		ND		5.0
1,1,2-Trichloroethane		ND		5.0
Trichloroethene		ND		5.0
Trichlorofluoromethane		ND		5.0
1,2,3-Trichloropropane		ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		5.0
1,2,4-Trimethylbenzene		ND		5.0
1,3,5-Trimethylbenzene		ND		5.0
Vinyl acetate		ND		50
Vinyl chloride		ND		5.0
Xylenes, Total		ND		9.9
2,2-Dichloropropane		ND		5.0
Gasoline Range Organics (GRO)-C5-C12		ND		250
TBA		ND		5.0
DIPE		ND		5.0
TAME		ND		5.0
Ethyl t-butyl ether		ND		5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	101		52 - 130
1,2-Dichloroethane-d4 (Surr)	113		67 - 132
Toluene-d8 (Surr)	101		58 - 130

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B5-10'

Lab Sample ID: 720-23080-20

Date Sampled: 10/04/2009 0830

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100921.D
Dilution:	1.0		Initial Weight/Volume: 5.96 g
Date Analyzed:	10/10/2009 2206		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.2
Acetone		ND		42
Benzene		ND		4.2
Dichlorobromomethane		ND		4.2
Bromobenzene		ND		4.2
Chlorobromomethane		ND		17
Bromoform		ND		4.2
Bromomethane		ND		8.4
2-Butanone (MEK)		ND		42
n-Butylbenzene		ND		4.2
sec-Butylbenzene		ND		4.2
tert-Butylbenzene		ND		4.2
Carbon disulfide		ND		4.2
Carbon tetrachloride		ND		4.2
Chlorobenzene		ND		4.2
Chloroethane		ND		8.4
Chloroform		ND		4.2
Chloromethane		ND		8.4
2-Chlorotoluene		ND		4.2
4-Chlorotoluene		ND		4.2
Chlorodibromomethane		ND		4.2
1,2-Dichlorobenzene		ND		4.2
1,3-Dichlorobenzene		ND		4.2
1,4-Dichlorobenzene		ND		4.2
1,3-Dichloropropane		ND		4.2
1,1-Dichloropropene		ND		4.2
1,2-Dibromo-3-Chloropropane		ND		4.2
Ethylene Dibromide		ND		4.2
Dibromomethane		ND		8.4
Dichlorodifluoromethane		ND		8.4
1,1-Dichloroethane		ND		4.2
1,2-Dichloroethane		ND	*	4.2
1,1-Dichloroethene		ND		4.2
cis-1,2-Dichloroethene		ND		4.2
trans-1,2-Dichloroethene		ND		4.2
1,2-Dichloropropane		ND		4.2
cis-1,3-Dichloropropene		ND		4.2
trans-1,3-Dichloropropene		ND		4.2
Ethylbenzene		ND		4.2
Hexachlorobutadiene		ND		4.2
2-Hexanone		ND		42
Isopropylbenzene		ND		4.2
4-Isopropyltoluene		ND		4.2
Methylene Chloride		ND		8.4
4-Methyl-2-pentanone (MIBK)		ND		42
Naphthalene		ND		8.4

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B5-10'

Lab Sample ID: 720-23080-20

Date Sampled: 10/04/2009 0830

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100921.D
Dilution:	1.0		Initial Weight/Volume: 5.96 g
Date Analyzed:	10/10/2009 2206		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		4.2
Styrene		ND		4.2
1,1,1,2-Tetrachloroethane		ND		4.2
1,1,2,2-Tetrachloroethane		ND		4.2
Tetrachloroethene		ND		4.2
Toluene		ND		4.2
1,2,3-Trichlorobenzene		ND		4.2
1,2,4-Trichlorobenzene		ND		4.2
1,1,1-Trichloroethane		ND		4.2
1,1,2-Trichloroethane		ND		4.2
Trichloroethene		ND		4.2
Trichlorofluoromethane		ND		4.2
1,2,3-Trichloropropane		ND		4.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.2
1,2,4-Trimethylbenzene		ND		4.2
1,3,5-Trimethylbenzene		ND		4.2
Vinyl acetate		ND		4.2
Vinyl chloride		ND		4.2
Xylenes, Total		ND		8.4
2,2-Dichloropropane		ND		4.2
Gasoline Range Organics (GRO)-C5-C12		ND		210
TBA		ND		4.2
DIPE		ND		4.2
TAME		ND		4.2
Ethyl t-butyl ether		ND		4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	99		52 - 130
1,2-Dichloroethane-d4 (Surr)	109		67 - 132
Toluene-d8 (Surr)	101		58 - 130

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B6-10'

Lab Sample ID: 720-23080-21

Date Sampled: 10/04/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100922.D
Dilution:	1.0		Initial Weight/Volume: 5.19 g
Date Analyzed:	10/10/2009 2238		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.8
Acetone		ND		48
Benzene		ND		4.8
Dichlorobromomethane		ND		4.8
Bromobenzene		ND		4.8
Chlorobromomethane		ND		19
Bromoform		ND		4.8
Bromomethane		ND		9.6
2-Butanone (MEK)		ND		48
n-Butylbenzene		ND		4.8
sec-Butylbenzene		ND		4.8
tert-Butylbenzene		ND		4.8
Carbon disulfide		ND		4.8
Carbon tetrachloride		ND		4.8
Chlorobenzene		ND		4.8
Chloroethane		ND		9.6
Chloroform		ND		4.8
Chloromethane		ND		9.6
2-Chlorotoluene		ND		4.8
4-Chlorotoluene		ND		4.8
Chlorodibromomethane		ND		4.8
1,2-Dichlorobenzene		ND		4.8
1,3-Dichlorobenzene		ND		4.8
1,4-Dichlorobenzene		ND		4.8
1,3-Dichloropropane		ND		4.8
1,1-Dichloropropene		ND		4.8
1,2-Dibromo-3-Chloropropane		ND		4.8
Ethylene Dibromide		ND		4.8
Dibromomethane		ND		9.6
Dichlorodifluoromethane		ND		9.6
1,1-Dichloroethane		ND		4.8
1,2-Dichloroethane		ND	*	4.8
1,1-Dichloroethene		ND		4.8
cis-1,2-Dichloroethene		ND		4.8
trans-1,2-Dichloroethene		ND		4.8
1,2-Dichloropropane		ND		4.8
cis-1,3-Dichloropropene		ND		4.8
trans-1,3-Dichloropropene		ND		4.8
Ethylbenzene		ND		4.8
Hexachlorobutadiene		ND		4.8
2-Hexanone		ND		48
Isopropylbenzene		ND		4.8
4-Isopropyltoluene		ND		4.8
Methylene Chloride		ND		9.6
4-Methyl-2-pentanone (MIBK)		ND		48
Naphthalene		ND		9.6

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B6-10'

Lab Sample ID: 720-23080-21

Date Sampled: 10/04/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59302	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59352	Lab File ID: 10100922.D
Dilution:	1.0		Initial Weight/Volume: 5.19 g
Date Analyzed:	10/10/2009 2238		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2009 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		4.8
Styrene		ND		4.8
1,1,1,2-Tetrachloroethane		ND		4.8
1,1,2,2-Tetrachloroethane		ND		4.8
Tetrachloroethene		ND		4.8
Toluene		ND		4.8
1,2,3-Trichlorobenzene		ND		4.8
1,2,4-Trichlorobenzene		ND		4.8
1,1,1-Trichloroethane		ND		4.8
1,1,2-Trichloroethane		ND		4.8
Trichloroethene		ND		4.8
Trichlorofluoromethane		ND		4.8
1,2,3-Trichloropropane		ND		4.8
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.8
1,2,4-Trimethylbenzene		ND		4.8
1,3,5-Trimethylbenzene		ND		4.8
Vinyl acetate		ND		48
Vinyl chloride		ND		4.8
Xylenes, Total		ND		9.6
2,2-Dichloropropane		ND		4.8
Gasoline Range Organics (GRO)-C5-C12		ND		240
TBA		ND		4.8
DIPE		ND		4.8
TAME		ND		4.8
Ethyl t-butyl ether		ND		4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		52 - 130
1,2-Dichloroethane-d4 (Surr)	110		67 - 132
Toluene-d8 (Surr)	100		58 - 130

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B7-10'

Lab Sample ID: 720-23080-23

Date Sampled: 10/06/2009 0905

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59384	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59432	Lab File ID: 10120931.D
Dilution:	1.0		Initial Weight/Volume: 5.38 g
Date Analyzed:	10/13/2009 0212		Final Weight/Volume: 10 mL
Date Prepared:	10/12/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.6
Acetone		ND		46
Benzene		ND		4.6
Dichlorobromomethane		ND		4.6
Bromobenzene		ND		4.6
Chlorobromomethane		ND		19
Bromoform		ND		4.6
Bromomethane		ND		9.3
2-Butanone (MEK)		ND		46
n-Butylbenzene		ND		4.6
sec-Butylbenzene		ND		4.6
tert-Butylbenzene		ND		4.6
Carbon disulfide		ND		4.6
Carbon tetrachloride		ND		4.6
Chlorobenzene		ND		4.6
Chloroethane		ND		9.3
Chloroform		ND		4.6
Chloromethane		ND		9.3
2-Chlorotoluene		ND		4.6
4-Chlorotoluene		ND		4.6
Chlorodibromomethane		ND		4.6
1,2-Dichlorobenzene		ND		4.6
1,3-Dichlorobenzene		ND		4.6
1,4-Dichlorobenzene		ND		4.6
1,3-Dichloropropane		ND		4.6
1,1-Dichloropropene		ND		4.6
1,2-Dibromo-3-Chloropropane		ND		4.6
Ethylene Dibromide		ND		4.6
Dibromomethane		ND		9.3
Dichlorodifluoromethane		ND		9.3
1,1-Dichloroethane		ND		4.6
1,2-Dichloroethane		ND		4.6
1,1-Dichloroethene		ND		4.6
cis-1,2-Dichloroethene		ND		4.6
trans-1,2-Dichloroethene		ND		4.6
1,2-Dichloropropane		ND		4.6
cis-1,3-Dichloropropene		ND		4.6
trans-1,3-Dichloropropene		ND		4.6
Ethylbenzene		ND		4.6
Hexachlorobutadiene		ND		4.6
2-Hexanone		ND		46
Isopropylbenzene		ND		4.6
4-Isopropyltoluene		ND		4.6
Methylene Chloride		ND		9.3
4-Methyl-2-pentanone (MIBK)		ND		46
Naphthalene		ND		9.3

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B7-10'

Lab Sample ID: 720-23080-23

Date Sampled: 10/06/2009 0905

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59384	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59432	Lab File ID: 10120931.D
Dilution:	1.0		Initial Weight/Volume: 5.38 g
Date Analyzed:	10/13/2009 0212		Final Weight/Volume: 10 mL
Date Prepared:	10/12/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		4.6
Styrene		ND		4.6
1,1,1,2-Tetrachloroethane		ND		4.6
1,1,2,2-Tetrachloroethane		ND		4.6
Tetrachloroethene		ND		4.6
Toluene		ND		4.6
1,2,3-Trichlorobenzene		ND		4.6
1,2,4-Trichlorobenzene		ND		4.6
1,1,1-Trichloroethane		ND		4.6
1,1,2-Trichloroethane		ND		4.6
Trichloroethene		ND		4.6
Trichlorofluoromethane		ND		4.6
1,2,3-Trichloropropane		ND		4.6
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.6
1,2,4-Trimethylbenzene		ND		4.6
1,3,5-Trimethylbenzene		ND		4.6
Vinyl acetate		ND		46
Vinyl chloride		ND		4.6
Xylenes, Total		ND		9.3
2,2-Dichloropropane		ND		4.6
Gasoline Range Organics (GRO)-C5-C12		ND		230
TBA		ND		4.6
DIPE		ND		4.6
TAME		ND		4.6
Ethyl t-butyl ether		ND		4.6

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		52 - 140
1,2-Dichloroethane-d4 (Surr)	112		60 - 140
Toluene-d8 (Surr)	99		58 - 140

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B8-10'

Lab Sample ID: 720-23080-24

Date Sampled: 10/06/2009 0715

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59384	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59432	Lab File ID: 10120927.D
Dilution:	1.0		Initial Weight/Volume: 5.34 g
Date Analyzed:	10/12/2009 2359		Final Weight/Volume: 10 mL
Date Prepared:	10/12/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.7
Acetone		ND		47
Benzene		ND		4.7
Dichlorobromomethane		ND		4.7
Bromobenzene		ND		4.7
Chlorobromomethane		ND		19
Bromoform		ND		4.7
Bromomethane		ND		9.4
2-Butanone (MEK)		59		47
n-Butylbenzene		ND		4.7
sec-Butylbenzene		ND		4.7
tert-Butylbenzene		ND		4.7
Carbon disulfide		ND		4.7
Carbon tetrachloride		ND		4.7
Chlorobenzene		ND		4.7
Chloroethane		ND		9.4
Chloroform		ND		4.7
Chloromethane		ND		9.4
2-Chlorotoluene		ND		4.7
4-Chlorotoluene		ND		4.7
Chlorodibromomethane		ND		4.7
1,2-Dichlorobenzene		ND		4.7
1,3-Dichlorobenzene		ND		4.7
1,4-Dichlorobenzene		ND		4.7
1,3-Dichloropropane		ND		4.7
1,1-Dichloropropene		ND		4.7
1,2-Dibromo-3-Chloropropane		ND		4.7
Ethylene Dibromide		ND		4.7
Dibromomethane		ND		9.4
Dichlorodifluoromethane		ND		9.4
1,1-Dichloroethane		ND		4.7
1,2-Dichloroethane		ND		4.7
1,1-Dichloroethene		ND		4.7
cis-1,2-Dichloroethene		ND		4.7
trans-1,2-Dichloroethene		ND		4.7
1,2-Dichloropropane		ND		4.7
cis-1,3-Dichloropropene		ND		4.7
trans-1,3-Dichloropropene		ND		4.7
Ethylbenzene		ND		4.7
Hexachlorobutadiene		ND		4.7
2-Hexanone		ND		47
Isopropylbenzene		ND		4.7
4-Isopropyltoluene		ND		4.7
Methylene Chloride		ND		9.4
4-Methyl-2-pentanone (MIBK)		ND		47
Naphthalene		ND		9.4

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B8-10'

Lab Sample ID: 720-23080-24

Date Sampled: 10/06/2009 0715

Client Matrix: Solid

Date Received: 10/06/2009 1834

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-59384	Instrument ID: HP12
Preparation:	5030B	Prep Batch: 720-59432	Lab File ID: 10120927.D
Dilution:	1.0		Initial Weight/Volume: 5.34 g
Date Analyzed:	10/12/2009 2359		Final Weight/Volume: 10 mL
Date Prepared:	10/12/2009 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
N-Propylbenzene		ND		4.7
Styrene		ND		4.7
1,1,1,2-Tetrachloroethane		ND		4.7
1,1,2,2-Tetrachloroethane		ND		4.7
Tetrachloroethene		ND		4.7
Toluene		ND		4.7
1,2,3-Trichlorobenzene		ND		4.7
1,2,4-Trichlorobenzene		ND		4.7
1,1,1-Trichloroethane		ND		4.7
1,1,2-Trichloroethane		ND		4.7
Trichloroethene		ND		4.7
Trichlorofluoromethane		ND		4.7
1,2,3-Trichloropropane		ND		4.7
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.7
1,2,4-Trimethylbenzene		ND		4.7
1,3,5-Trimethylbenzene		ND		4.7
Vinyl acetate		ND		4.7
Vinyl chloride		ND		4.7
Xylenes, Total		ND		9.4
2,2-Dichloropropane		ND		4.7
Gasoline Range Organics (GRO)-C5-C12		ND		230
TBA		ND		4.7
DIPE		ND		4.7
TAME		ND		4.7
Ethyl t-butyl ether		ND		4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	103		52 - 140
1,2-Dichloroethane-d4 (Surr)	120		60 - 140
Toluene-d8 (Surr)	101		58 - 140

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B1-10'

Lab Sample ID: 720-23080-1

Client Matrix: Solid

Date Sampled: 10/05/2009 0715

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59305	Instrument ID:	CHDRO6
Preparation:	3550B	Prep Batch: 720-59312	Initial Weight/Volume:	30.26 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 1712		Injection Volume:	1 uL
Date Prepared:	10/10/2009 0854		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	76		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B1-22'

Lab Sample ID: 720-23080-4

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59307	Instrument ID:	CHDRO5
Preparation:	3550B	Prep Batch: 720-59273	Initial Weight/Volume:	30.04 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 1156		Injection Volume:	1 uL
Date Prepared:	10/09/2009 1224		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		3.3		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	86		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B2-10'

Lab Sample ID: 720-23080-5

Client Matrix: Solid

Date Sampled: 10/05/2009 0000

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59307	Instrument ID:	CHDRO5
Preparation:	3550B	Prep Batch: 720-59273	Initial Weight/Volume:	30.30 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 1223		Injection Volume:	1 uL
Date Prepared:	10/09/2009 1224		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	87		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B2-23'

Lab Sample ID: 720-23080-6

Date Sampled: 10/05/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59307	Instrument ID:	CHDRO5
Preparation:	3550B	Prep Batch: 720-59273	Initial Weight/Volume:	30.12 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 1249		Injection Volume:	1 uL
Date Prepared:	10/09/2009 1224		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		35		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	90		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW4-10'

Lab Sample ID: 720-23080-7

Client Matrix: Solid

Date Sampled: 10/05/2009 0000

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59307	Instrument ID:	CHDRO5
Preparation:	3550B	Prep Batch: 720-59273	Initial Weight/Volume:	30.34 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 2147		Injection Volume:	1 uL
Date Prepared:	10/09/2009 1451		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	85		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW4-15'

Lab Sample ID: 720-23080-8

Client Matrix: Solid

Date Sampled: 10/05/2009 0000

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59307	Instrument ID:	CHDRO5
Preparation:	3550B	Prep Batch: 720-59273	Initial Weight/Volume:	30.28 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 2214		Injection Volume:	1 uL
Date Prepared:	10/09/2009 1451		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	84		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW3-10'

Lab Sample ID: 720-23080-10

Client Matrix: Solid

Date Sampled: 10/05/2009 1430

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59305	Instrument ID:	CHDRO6
Preparation:	3550B	Prep Batch: 720-59312	Initial Weight/Volume:	30.39 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 1733		Injection Volume:	1 uL
Date Prepared:	10/10/2009 0854		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		2.0		0.99
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	82		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW3-15'

Lab Sample ID: 720-23080-11

Client Matrix: Solid

Date Sampled: 10/05/2009 0000

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59307	Instrument ID:	CHDRO5
Preparation:	3550B	Prep Batch: 720-59273	Initial Weight/Volume:	30.05 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 2241		Injection Volume:	1 uL
Date Prepared:	10/09/2009 1451		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		15		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	84		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW2-10'

Lab Sample ID: 720-23080-13

Client Matrix: Solid

Date Sampled: 10/04/2009 1255

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59305	Instrument ID:	CHDRO6
Preparation:	3550B	Prep Batch: 720-59312	Initial Weight/Volume:	30.11 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 1755		Injection Volume:	1 uL
Date Prepared:	10/10/2009 0854		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	63		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: MW2-15'

Lab Sample ID: 720-23080-14

Client Matrix: Solid

Date Sampled: 10/04/2009 1329

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59305	Instrument ID:	CHDRO6
Preparation:	3550B	Prep Batch: 720-59312	Initial Weight/Volume:	30.31 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 1817		Injection Volume:	1 uL
Date Prepared:	10/10/2009 0854		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		7.8		0.99
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	81		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B3-10'

Lab Sample ID: 720-23080-17

Date Sampled: 10/04/2009 0800

Client Matrix: Solid

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59305	Instrument ID:	CHDRO6
Preparation:	3550B	Prep Batch: 720-59312	Initial Weight/Volume:	30.42 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 1838		Injection Volume:	1 uL
Date Prepared:	10/10/2009 0854		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Motor Oil Range Organics [C24-C36]		ND		49

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	79		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B4-10'

Lab Sample ID: 720-23080-18

Client Matrix: Solid

Date Sampled: 10/04/2009 0645

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59305	Instrument ID:	CHDRO6
Preparation:	3550B	Prep Batch: 720-59312	Initial Weight/Volume:	30.07 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 1900		Injection Volume:	1 uL
Date Prepared:	10/10/2009 0854		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	73		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B5-10'

Lab Sample ID: 720-23080-20

Client Matrix: Solid

Date Sampled: 10/04/2009 0830

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59305	Instrument ID:	CHDRO6
Preparation:	3550B	Prep Batch: 720-59312	Initial Weight/Volume:	30.21 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 1922		Injection Volume:	1 uL
Date Prepared:	10/10/2009 0854		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	79		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B6-10'

Lab Sample ID: 720-23080-21

Date Sampled: 10/04/2009 0000

Client Matrix: Solid

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59305	Instrument ID:	CHDRO6
Preparation:	3550B	Prep Batch: 720-59312	Initial Weight/Volume:	30.21 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 1943		Injection Volume:	1 uL
Date Prepared:	10/10/2009 0854		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	78		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B7-10'

Lab Sample ID: 720-23080-23

Date Sampled: 10/06/2009 0905

Client Matrix: Solid

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59305	Instrument ID:	CHDRO6
Preparation:	3550B	Prep Batch: 720-59312	Initial Weight/Volume:	30.05 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 2005		Injection Volume:	1 uL
Date Prepared:	10/10/2009 0854		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	78		31 - 114

Analytical Data

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Client Sample ID: B8-10'

Lab Sample ID: 720-23080-24

Client Matrix: Solid

Date Sampled: 10/06/2009 0715

Date Received: 10/06/2009 1834

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-59305	Instrument ID:	CHDRO6
Preparation:	3550B	Prep Batch: 720-59312	Initial Weight/Volume:	30.29 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	10/10/2009 2027		Injection Volume:	1 uL
Date Prepared:	10/10/2009 0907		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1.5		0.99
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	86		31 - 114

DATA REPORTING QUALIFIERS

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate exceeds the control limits

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:720-59302					
LCS 720-59352/2-A	Lab Control Sample	T	Solid	8260B	720-59352
LCS 720-59352/4-A	Lab Control Sample	T	Solid	8260B	720-59352
LCSD 720-59352/3-A	Lab Control Sample Duplicate	T	Solid	8260B	720-59352
LCSD 720-59352/5-A	Lab Control Sample Duplicate	T	Solid	8260B	720-59352
MB 720-59352/6-A	Method Blank	T	Solid	8260B	720-59352
720-23080-1	B1-10'	T	Solid	8260B	720-59352
720-23080-1MS	Matrix Spike	T	Solid	8260B	720-59352
720-23080-1MSD	Matrix Spike Duplicate	T	Solid	8260B	720-59352
720-23080-4	B1-22'	T	Solid	8260B	720-59352
720-23080-5	B2-10'	T	Solid	8260B	720-59352
720-23080-17	B3-10'	T	Solid	8260B	720-59352
720-23080-18	B4-10'	T	Solid	8260B	720-59352
720-23080-20	B5-10'	T	Solid	8260B	720-59352
720-23080-21	B6-10'	T	Solid	8260B	720-59352
Prep Batch: 720-59352					
LCS 720-59352/2-A	Lab Control Sample	T	Solid	5030B	
LCS 720-59352/4-A	Lab Control Sample	T	Solid	5030B	
LCSD 720-59352/3-A	Lab Control Sample Duplicate	T	Solid	5030B	
LCSD 720-59352/5-A	Lab Control Sample Duplicate	T	Solid	5030B	
MB 720-59352/6-A	Method Blank	T	Solid	5030B	
720-23080-1	B1-10'	T	Solid	5030B	
720-23080-1MS	Matrix Spike	T	Solid	5030B	
720-23080-1MSD	Matrix Spike Duplicate	T	Solid	5030B	
720-23080-4	B1-22'	T	Solid	5030B	
720-23080-5	B2-10'	T	Solid	5030B	
720-23080-17	B3-10'	T	Solid	5030B	
720-23080-18	B4-10'	T	Solid	5030B	
720-23080-20	B5-10'	T	Solid	5030B	
720-23080-21	B6-10'	T	Solid	5030B	
Analysis Batch:720-59384					
LCS 720-59432/1-A	Lab Control Sample	T	Solid	8260B	720-59432
LCS 720-59432/4-A	Lab Control Sample	T	Solid	8260B	720-59432
LCSD 720-59432/2-A	Lab Control Sample Duplicate	T	Solid	8260B	720-59432
LCSD 720-59432/5-A	Lab Control Sample Duplicate	T	Solid	8260B	720-59432
MB 720-59432/3-A	Method Blank	T	Solid	8260B	720-59432
720-23080-6	B2-23'	T	Solid	8260B	720-59432
720-23080-23	B7-10'	T	Solid	8260B	720-59432
720-23080-24	B8-10'	T	Solid	8260B	720-59432
720-23080-24MS	Matrix Spike	T	Solid	8260B	720-59432
720-23080-24MSD	Matrix Spike Duplicate	T	Solid	8260B	720-59432

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:720-59397					
LCS 720-59492/4-A	Lab Control Sample	T	Solid	8260B	720-59492
LCSD 720-59492/5-A	Lab Control Sample Duplicate	T	Solid	8260B	720-59492
MB 720-59492/1-A	Method Blank	T	Solid	8260B	720-59492
720-23080-7	MW4-10'	T	Solid	8260B	720-59492
720-23080-8	MW4-15'	T	Solid	8260B	720-59492
720-23080-10	MW3-10'	T	Solid	8260B	720-59492
720-23080-11	MW3-15'	T	Solid	8260B	720-59492
720-23080-13	MW2-10'	T	Solid	8260B	720-59492
720-23080-14	MW2-15'	T	Solid	8260B	720-59492
Prep Batch: 720-59432					
LCS 720-59432/1-A	Lab Control Sample	T	Solid	5030B	
LCS 720-59432/4-A	Lab Control Sample	T	Solid	5030B	
LCSD 720-59432/2-A	Lab Control Sample Duplicate	T	Solid	5030B	
LCSD 720-59432/5-A	Lab Control Sample Duplicate	T	Solid	5030B	
MB 720-59432/3-A	Method Blank	T	Solid	5030B	
720-23080-6	B2-23'	T	Solid	5030B	
720-23080-23	B7-10'	T	Solid	5030B	
720-23080-24	B8-10'	T	Solid	5030B	
720-23080-24MS	Matrix Spike	T	Solid	5030B	
720-23080-24MSD	Matrix Spike Duplicate	T	Solid	5030B	
Prep Batch: 720-59492					
LCS 720-59492/4-A	Lab Control Sample	T	Solid	5035	
LCSD 720-59492/5-A	Lab Control Sample Duplicate	T	Solid	5035	
MB 720-59492/1-A	Method Blank	T	Solid	5035	
720-23080-7	MW4-10'	T	Solid	5035	
720-23080-8	MW4-15'	T	Solid	5035	
720-23080-10	MW3-10'	T	Solid	5035	
720-23080-11	MW3-15'	T	Solid	5035	
720-23080-13	MW2-10'	T	Solid	5035	
720-23080-14	MW2-15'	T	Solid	5035	

Report Basis

T = Total

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-59273					
LCS 720-59273/2-A	Lab Control Sample	T	Solid	3550B	
LCSD 720-59273/3-A	Lab Control Sample Duplicate	T	Solid	3550B	
MB 720-59273/1-A	Method Blank	T	Solid	3550B	
720-23080-4	B1-22'	T	Solid	3550B	
720-23080-5	B2-10'	T	Solid	3550B	
720-23080-6	B2-23'	T	Solid	3550B	
720-23080-7	MW4-10'	T	Solid	3550B	
720-23080-8	MW4-15'	T	Solid	3550B	
720-23080-11	MW3-15'	T	Solid	3550B	
Analysis Batch:720-59305					
LCS 720-59312/2-B	Lab Control Sample	T	Solid	8015B	720-59312
LCSD 720-59312/3-B	Lab Control Sample Duplicate	T	Solid	8015B	720-59312
MB 720-59312/1-B	Method Blank	T	Solid	8015B	720-59312
720-23080-1	B1-10'	T	Solid	8015B	720-59312
720-23080-1MS	Matrix Spike	T	Solid	8015B	720-59312
720-23080-1MSD	Matrix Spike Duplicate	T	Solid	8015B	720-59312
720-23080-10	MW3-10'	T	Solid	8015B	720-59312
720-23080-13	MW2-10'	T	Solid	8015B	720-59312
720-23080-14	MW2-15'	T	Solid	8015B	720-59312
720-23080-17	B3-10'	T	Solid	8015B	720-59312
720-23080-18	B4-10'	T	Solid	8015B	720-59312
720-23080-20	B5-10'	T	Solid	8015B	720-59312
720-23080-21	B6-10'	T	Solid	8015B	720-59312
720-23080-23	B7-10'	T	Solid	8015B	720-59312
720-23080-24	B8-10'	T	Solid	8015B	720-59312
Analysis Batch:720-59307					
LCS 720-59273/2-A	Lab Control Sample	T	Solid	8015B	720-59273
LCSD 720-59273/3-A	Lab Control Sample Duplicate	T	Solid	8015B	720-59273
MB 720-59273/1-A	Method Blank	T	Solid	8015B	720-59273
720-23080-4	B1-22'	T	Solid	8015B	720-59273
720-23080-5	B2-10'	T	Solid	8015B	720-59273
720-23080-6	B2-23'	T	Solid	8015B	720-59273
720-23080-7	MW4-10'	T	Solid	8015B	720-59273
720-23080-8	MW4-15'	T	Solid	8015B	720-59273
720-23080-11	MW3-15'	T	Solid	8015B	720-59273

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-59312					
LCS 720-59312/2-B	Lab Control Sample	T	Solid	3550B	
LCSD 720-59312/3-B	Lab Control Sample Duplicate	T	Solid	3550B	
MB 720-59312/1-B	Method Blank	T	Solid	3550B	
720-23080-1	B1-10'	T	Solid	3550B	
720-23080-1MS	Matrix Spike	T	Solid	3550B	
720-23080-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-23080-10	MW3-10'	T	Solid	3550B	
720-23080-13	MW2-10'	T	Solid	3550B	
720-23080-14	MW2-15'	T	Solid	3550B	
720-23080-17	B3-10'	T	Solid	3550B	
720-23080-18	B4-10'	T	Solid	3550B	
720-23080-20	B5-10'	T	Solid	3550B	
720-23080-21	B6-10'	T	Solid	3550B	
720-23080-23	B7-10'	T	Solid	3550B	
720-23080-24	B8-10'	T	Solid	3550B	

Report Basis

T = Total

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Method Blank - Batch: 720-59352

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-59352/6-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1447
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10100908.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		5.0
Dichlorobromomethane	ND		5.0
Bromobenzene	ND		5.0
Chlorobromomethane	ND		20
Bromoform	ND		5.0
Bromomethane	ND		10
2-Butanone (MEK)	ND		50
n-Butylbenzene	ND		5.0
sec-Butylbenzene	ND		5.0
tert-Butylbenzene	ND		5.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		5.0
Chlorobenzene	ND		5.0
Chloroethane	ND		10
Chloroform	ND		5.0
Chloromethane	ND		10
2-Chlorotoluene	ND		5.0
4-Chlorotoluene	ND		5.0
Chlorodibromomethane	ND		5.0
1,2-Dichlorobenzene	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,3-Dichloropropane	ND		5.0
1,1-Dichloropropene	ND		5.0
1,2-Dibromo-3-Chloropropane	ND		5.0
Ethylene Dibromide	ND		5.0
Dibromomethane	ND		10
Dichlorodifluoromethane	ND		10
1,1-Dichloroethane	ND		5.0
1,2-Dichloroethane	ND		5.0
1,1-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
trans-1,2-Dichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
Ethylbenzene	ND		5.0
Hexachlorobutadiene	ND		5.0
2-Hexanone	ND		50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Method Blank - Batch: 720-59352

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-59352/6-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1447
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10100908.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Isopropylbenzene	ND		5.0
4-Isopropyltoluene	ND		5.0
Methylene Chloride	ND		10
4-Methyl-2-pentanone (MIBK)	ND		50
Naphthalene	ND		10
N-Propylbenzene	ND		5.0
Styrene	ND		5.0
1,1,1,2-Tetrachloroethane	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Toluene	ND		5.0
1,2,3-Trichlorobenzene	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
1,1,1-Trichloroethane	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Trichloroethene	ND		5.0
Trichlorofluoromethane	ND		5.0
1,2,3-Trichloropropane	ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
1,2,4-Trimethylbenzene	ND		5.0
1,3,5-Trimethylbenzene	ND		5.0
Vinyl acetate	ND		50
Vinyl chloride	ND		5.0
Xylenes, Total	ND		10
2,2-Dichloropropane	ND		5.0
Gasoline Range Organics (GRO)-C5-C12	ND		250
TBA	ND		5.0
DIPE	ND		5.0
TAME	ND		5.0
Ethyl t-butyl ether	ND		5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	106	52 - 130
1,2-Dichloroethane-d4 (Surr)	128	67 - 132
Toluene-d8 (Surr)	106	58 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-59352**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-59352/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1236
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10100904.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-59352/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1309
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10100905.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Methyl tert-butyl ether	123	111	69 - 125	10	20		
Acetone	124	109	37 - 150	12	20		
Benzene	100	98	72 - 120	1	20		
Dichlorobromomethane	122	116	64 - 135	5	20		
Bromobenzene	98	97	77 - 121	1	20		
Chlorobromomethane	103	98	65 - 128	5	20		
Bromoform	118	108	58 - 132	9	20		
Bromomethane	98	93	56 - 124	6	20		
2-Butanone (MEK)	130	111	41 - 150	16	20		
n-Butylbenzene	110	110	60 - 145	0	20		
sec-Butylbenzene	101	102	64 - 137	1	20		
tert-Butylbenzene	101	103	63 - 134	1	20		
Carbon disulfide	84	83	10 - 150	1	20		
Carbon tetrachloride	108	110	54 - 141	1	20		
Chlorobenzene	103	99	70 - 121	3	20		
Chloroethane	103	94	61 - 125	9	20		
Chloroform	109	107	67 - 125	2	20		
Chloromethane	99	94	50 - 131	5	20		
2-Chlorotoluene	106	108	75 - 131	2	20		
4-Chlorotoluene	107	107	76 - 129	0	20		
Chlorodibromomethane	123	116	60 - 140	5	20		
1,2-Dichlorobenzene	102	100	73 - 126	2	20		
1,3-Dichlorobenzene	100	99	73 - 128	0	20		
1,4-Dichlorobenzene	98	97	72 - 122	1	20		
1,3-Dichloropropane	118	110	74 - 127	6	20		
1,1-Dichloropropene	106	105	67 - 128	1	20		
1,2-Dibromo-3-Chloropropane	123	109	57 - 130	12	20		
Ethylene Dibromide	114	105	66 - 135	8	20		
Dibromomethane	116	109	65 - 131	7	20		
Dichlorodifluoromethane	96	92	38 - 120	5	20		
1,1-Dichloroethane	107	105	67 - 126	2	20		
1,2-Dichloroethane	124	117	73 - 122	6	20	*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-59352**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-59352/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1236
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10100904.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-59352/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1309
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10100905.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	99	99	64 - 129	0	20		
cis-1,2-Dichloroethene	109	106	68 - 131	3	20		
trans-1,2-Dichloroethene	98	96	70 - 130	2	20		
1,2-Dichloropropane	107	103	65 - 133	4	20		
cis-1,3-Dichloropropene	126	117	46 - 139	7	20		
trans-1,3-Dichloropropene	128	118	55 - 131	8	20		
Ethylbenzene	109	105	65 - 130	3	20		
Hexachlorobutadiene	100	100	58 - 132	1	20		
2-Hexanone	132	112	44 - 150	17	20		
Isopropylbenzene	91	90	65 - 130	1	20		
4-Isopropyltoluene	104	105	69 - 134	2	20		
Methylene Chloride	100	94	63 - 129	7	20		
4-Methyl-2-pentanone (MIBK)	131	114	51 - 140	14	20		
Naphthalene	115	108	45 - 146	7	20		
N-Propylbenzene	103	104	71 - 130	1	20		
Styrene	109	105	58 - 135	4	20		
1,1,1,2-Tetrachloroethane	111	108	64 - 133	3	20		
1,1,2,2-Tetrachloroethane	122	112	75 - 131	9	20		
Tetrachloroethene	95	94	67 - 128	0	20		
Toluene	100	98	72 - 120	2	20		
1,2,3-Trichlorobenzene	106	103	58 - 138	2	20		
1,2,4-Trichlorobenzene	101	97	49 - 144	4	20		
1,1,1-Trichloroethane	108	109	57 - 133	1	20		
1,1,2-Trichloroethane	120	111	68 - 132	8	20		
Trichloroethene	95	93	66 - 125	2	20		
Trichlorofluoromethane	104	105	61 - 127	1	20		
1,2,3-Trichloropropane	125	115	62 - 150	8	20		
1,1,2-Trichloro-1,2,2-trifluoroethane	91	91	52 - 126	1	20		
1,2,4-Trimethylbenzene	113	113	64 - 140	0	20		
1,3,5-Trimethylbenzene	107	108	67 - 134	0	20		
Vinyl acetate	123	114	52 - 150	8	20		
Vinyl chloride	100	100	62 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-59352**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-59352/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1236
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10100904.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-59352/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1309
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10100905.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
2,2-Dichloropropane	116	115	63 - 130	1	20		
TBA	90	91	70 - 130	0	20		
DIPE	107	101	70 - 130	5	20		
TAME	125	115	70 - 130	9	20		
Ethyl t-butyl ether	111	103	70 - 130	8	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	112		107		52 - 130		
1,2-Dichloroethane-d4 (Surr)	127		119		67 - 132		
Toluene-d8 (Surr)	106		108		58 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-59352**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-59352/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1341
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10100906.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-59352/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1414
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10100907.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Gasoline Range Organics (GRO)-C5-C12	96	99	70 - 130	3	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	111		110			52 - 130	
1,2-Dichloroethane-d4 (Surr)	124		124			67 - 132	
Toluene-d8 (Surr)	107		108			58 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-59352**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 720-23080-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1605
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352

Instrument ID: Chenstation 3
Lab File ID: 10100910.D
Initial Weight/Volume: 5.04 g
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-23080-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1638
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352

Instrument ID: Chenstation 3
Lab File ID: 10100911.D
Initial Weight/Volume: 5.00 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Methyl tert-butyl ether	106	107	69 - 130	2	20		
Acetone	105	105	37 - 150	1	20		
Benzene	97	98	70 - 130	3	20		
Dichlorobromomethane	113	114	64 - 135	2	20		
Bromobenzene	100	102	70 - 130	2	20		
Chlorobromomethane	95	96	65 - 130	2	20		
Bromoform	102	106	58 - 132	5	20		
Bromomethane	94	92	56 - 130	1	20		
2-Butanone (MEK)	105	104	41 - 150	0	20		
n-Butylbenzene	111	114	60 - 145	3	20		
sec-Butylbenzene	109	110	64 - 137	2	20		
tert-Butylbenzene	110	111	63 - 134	2	20		
Carbon disulfide	85	84	10 - 150	0	20		
Carbon tetrachloride	113	114	54 - 130	2	20		
Chlorobenzene	99	100	70 - 130	2	20		
Chloroethane	97	102	61 - 130	6	20		
Chloroform	106	107	67 - 130	1	20		
Chloromethane	94	94	50 - 131	1	20		
2-Chlorotoluene	110	112	70 - 130	3	20		
4-Chlorotoluene	109	111	70 - 130	3	20		
Chlorodibromomethane	112	113	60 - 141	2	20		
1,2-Dichlorobenzene	98	102	70 - 130	5	20		
1,3-Dichlorobenzene	100	101	70 - 130	1	20		
1,4-Dichlorobenzene	98	99	70 - 130	2	20		
1,3-Dichloropropane	106	106	70 - 130	1	20		
1,1-Dichloropropene	108	107	67 - 130	0	20		
1,2-Dibromo-3-Chloropropane	101	112	57 - 130	11	20		
Ethylene Dibromide	102	104	66 - 135	3	20		
Dibromomethane	105	104	65 - 131	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 720-59352

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 720-23080-1
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 10/10/2009 1605
 Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
 Prep Batch: 720-59352

Instrument ID: Chenstation 3
 Lab File ID: 10100910.D
 Initial Weight/Volume: 5.04 g
 Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-23080-1
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 10/10/2009 1638
 Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
 Prep Batch: 720-59352

Instrument ID: Chenstation 3
 Lab File ID: 10100911.D
 Initial Weight/Volume: 5.00 g
 Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	101	99	38 - 130	1	20		
1,1-Dichloroethane	104	105	67 - 130	2	20		
1,2-Dichloroethane	113	116	70 - 130	3	20		
1,1-Dichloroethene	101	101	64 - 130	1	20		
cis-1,2-Dichloroethene	105	106	68 - 131	2	20		
trans-1,2-Dichloroethene	97	96	70 - 130	0	20		
1,2-Dichloropropane	101	101	65 - 133	1	20		
cis-1,3-Dichloropropene	112	112	46 - 139	2	20		
trans-1,3-Dichloropropene	113	115	55 - 131	3	20		
Ethylbenzene	107	106	65 - 130	1	20		
Hexachlorobutadiene	90	97	58 - 132	8	20		
2-Hexanone	106	113	44 - 150	7	20		
Isopropylbenzene	92	91	65 - 130	0	20		
4-Isopropyltoluene	110	112	69 - 134	3	20		
Methylene Chloride	92	91	63 - 130	0	20		
4-Methyl-2-pentanone (MIBK)	107	111	51 - 140	5	20		
Naphthalene	91	98	45 - 146	8	20		
N-Propylbenzene	109	110	70 - 130	2	20		
Styrene	103	104	58 - 135	2	20		
1,1,1,2-Tetrachloroethane	105	109	64 - 133	4	20		
1,1,2,2-Tetrachloroethane	111	120	70 - 131	8	20		
Tetrachloroethene	97	96	67 - 130	0	20		
Toluene	99	100	70 - 130	1	20		
1,2,3-Trichlorobenzene	85	91	58 - 138	8	20		
1,2,4-Trichlorobenzene	85	87	49 - 144	3	20		
1,1,1-Trichloroethane	112	114	57 - 133	2	20		
1,1,2-Trichloroethane	107	109	68 - 132	2	20		
Trichloroethene	95	97	66 - 130	2	20		
Trichlorofluoromethane	108	108	61 - 130	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-59352**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 720-23080-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1605
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352

Instrument ID: Chenstation 3
Lab File ID: 10100910.D
Initial Weight/Volume: 5.04 g
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-23080-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1638
Date Prepared: 10/10/2009 1000

Analysis Batch: 720-59302
Prep Batch: 720-59352

Instrument ID: Chenstation 3
Lab File ID: 10100911.D
Initial Weight/Volume: 5.00 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,2,3-Trichloropropane	113	119	62 - 150	7	20		
1,1,2-Trichloro-1,2,2-trifluoroethane	96	98	52 - 130	2	20		
1,2,4-Trimethylbenzene	114	115	64 - 140	2	20		
1,3,5-Trimethylbenzene	112	113	67 - 134	2	20		
Vinyl acetate	37	25	52 - 150	35	20	F	F
Vinyl chloride	101	102	62 - 130	1	20		
2,2-Dichloropropane	117	118	63 - 130	1	20		
TBA	91	97	70 - 130	8	20		
DIPE	99	100	70 - 130	2	20		
TAME	110	110	70 - 130	1	20		
Ethyl t-butyl ether	99	100	70 - 130	1	20		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	111		104		52 - 130		
1,2-Dichloroethane-d4 (Surr)	120		116		67 - 132		
Toluene-d8 (Surr)	111		107		58 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Method Blank - Batch: 720-59432

Lab Sample ID: MB 720-59432/3-A
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 10/12/2009 2253
 Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
 Prep Batch: 720-59432
 Units: ug/Kg

Method: 8260B Preparation: 5030B

Instrument ID: Chenstation 3
 Lab File ID: 10120925.D
 Initial Weight/Volume: 5 g
 Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		5.0
Dichlorobromomethane	ND		5.0
Bromobenzene	ND		5.0
Chlorobromomethane	ND		20
Bromoform	ND		5.0
Bromomethane	ND		10
2-Butanone (MEK)	ND		50
n-Butylbenzene	ND		5.0
sec-Butylbenzene	ND		5.0
tert-Butylbenzene	ND		5.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		5.0
Chlorobenzene	ND		5.0
Chloroethane	ND		10
Chloroform	ND		5.0
Chloromethane	ND		10
2-Chlorotoluene	ND		5.0
4-Chlorotoluene	ND		5.0
Chlorodibromomethane	ND		5.0
1,2-Dichlorobenzene	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,3-Dichloropropane	ND		5.0
1,1-Dichloropropene	ND		5.0
1,2-Dibromo-3-Chloropropane	ND		5.0
Ethylene Dibromide	ND		5.0
Dibromomethane	ND		10
Dichlorodifluoromethane	ND		10
1,1-Dichloroethane	ND		5.0
1,2-Dichloroethane	ND		5.0
1,1-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
trans-1,2-Dichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
Ethylbenzene	ND		5.0
Hexachlorobutadiene	ND		5.0
2-Hexanone	ND		50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Method Blank - Batch: 720-59432

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-59432/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/12/2009 2253
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10120925.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Isopropylbenzene	ND		5.0
4-Isopropyltoluene	ND		5.0
Methylene Chloride	ND		10
4-Methyl-2-pentanone (MIBK)	ND		50
Naphthalene	ND		10
N-Propylbenzene	ND		5.0
Styrene	ND		5.0
1,1,1,2-Tetrachloroethane	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Toluene	ND		5.0
1,2,3-Trichlorobenzene	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
1,1,1-Trichloroethane	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Trichloroethene	ND		5.0
Trichlorofluoromethane	ND		5.0
1,2,3-Trichloropropane	ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
1,2,4-Trimethylbenzene	ND		5.0
1,3,5-Trimethylbenzene	ND		5.0
Vinyl acetate	ND		50
Vinyl chloride	ND		5.0
Xylenes, Total	ND		10
2,2-Dichloropropane	ND		5.0
Gasoline Range Organics (GRO)-C5-C12	ND		250
TBA	ND		5.0
DIPE	ND		5.0
TAME	ND		5.0
Ethyl t-butyl ether	ND		5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	105	52 - 140
1,2-Dichloroethane-d4 (Surr)	119	60 - 140
Toluene-d8 (Surr)	103	58 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-59432**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-59432/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/12/2009 2042
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10120921.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-59432/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/12/2009 2115
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10120922.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Methyl tert-butyl ether	114	109	69 - 125	4	20		
Acetone	125	117	37 - 150	7	20		
Benzene	104	103	72 - 120	1	20		
Dichlorobromomethane	119	117	64 - 135	2	20		
Bromobenzene	98	98	77 - 121	0	20		
Chlorobromomethane	98	97	65 - 128	2	20		
Bromoform	108	106	58 - 132	1	20		
Bromomethane	102	99	56 - 124	3	20		
2-Butanone (MEK)	122	116	41 - 150	5	20		
n-Butylbenzene	120	120	60 - 145	1	20		
sec-Butylbenzene	108	108	64 - 137	0	20		
tert-Butylbenzene	106	106	63 - 134	0	20		
Carbon disulfide	92	91	10 - 150	1	20		
Carbon tetrachloride	109	107	54 - 141	1	20		
Chlorobenzene	103	103	70 - 121	0	20		
Chloroethane	105	105	61 - 125	0	20		
Chloroform	109	108	67 - 125	1	20		
Chloromethane	106	106	50 - 131	0	20		
2-Chlorotoluene	112	111	75 - 131	1	20		
4-Chlorotoluene	113	112	76 - 129	1	20		
Chlorodibromomethane	116	113	60 - 140	3	20		
1,2-Dichlorobenzene	103	104	73 - 126	1	20		
1,3-Dichlorobenzene	102	102	73 - 128	1	20		
1,4-Dichlorobenzene	100	100	72 - 122	1	20		
1,3-Dichloropropane	119	115	74 - 127	4	20		
1,1-Dichloropropene	111	109	67 - 128	1	20		
1,2-Dibromo-3-Chloropropane	118	106	57 - 130	11	20		
Ethylene Dibromide	110	106	66 - 135	4	20		
Dibromomethane	115	113	65 - 131	2	20		
Dichlorodifluoromethane	110	111	38 - 120	1	20		
1,1-Dichloroethane	111	110	67 - 126	1	20		
1,2-Dichloroethane	118	116	73 - 122	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-59432**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-59432/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/12/2009 2042
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10120921.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-59432/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/12/2009 2115
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10120922.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	107	106	64 - 129	1	20		
cis-1,2-Dichloroethene	112	111	68 - 131	1	20		
trans-1,2-Dichloroethene	101	99	70 - 130	2	20		
1,2-Dichloropropane	110	107	65 - 133	3	20		
cis-1,3-Dichloropropene	123	122	46 - 139	1	20		
trans-1,3-Dichloropropene	122	120	55 - 131	2	20		
Ethylbenzene	110	108	65 - 130	2	20		
Hexachlorobutadiene	106	109	58 - 132	2	20		
2-Hexanone	124	113	44 - 150	9	20		
Isopropylbenzene	93	92	65 - 130	1	20		
4-Isopropyltoluene	109	109	69 - 134	0	20		
Methylene Chloride	98	99	63 - 129	0	20		
4-Methyl-2-pentanone (MIBK)	124	114	51 - 140	8	20		
Naphthalene	120	116	45 - 146	3	20		
N-Propylbenzene	109	110	71 - 130	1	20		
Styrene	108	106	58 - 135	2	20		
1,1,1,2-Tetrachloroethane	107	106	64 - 133	1	20		
1,1,2,2-Tetrachloroethane	123	117	75 - 131	5	20		
Tetrachloroethene	93	93	67 - 128	1	20		
Toluene	101	101	72 - 120	1	20		
1,2,3-Trichlorobenzene	109	109	58 - 138	0	20		
1,2,4-Trichlorobenzene	105	105	49 - 144	0	20		
1,1,1-Trichloroethane	107	108	57 - 133	1	20		
1,1,2-Trichloroethane	119	114	68 - 132	4	20		
Trichloroethene	93	90	66 - 125	3	20		
Trichlorofluoromethane	110	107	61 - 127	3	20		
1,2,3-Trichloropropane	126	123	62 - 150	3	20		
1,1,2-Trichloro-1,2,2-trifluoroethane	94	92	52 - 126	2	20		
1,2,4-Trimethylbenzene	115	116	64 - 140	1	20		
1,3,5-Trimethylbenzene	111	111	67 - 134	0	20		
Vinyl acetate	122	117	52 - 150	4	20		
Vinyl chloride	101	99	62 - 120	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-59432**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-59432/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/12/2009 2042
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10120921.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-59432/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/12/2009 2115
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10120922.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
2,2-Dichloropropane	117	115	63 - 130	1	20		
TBA	91	91	70 - 130	0	20		
DIPE	105	102	70 - 130	2	20		
TAME	118	113	70 - 130	4	20		
Ethyl t-butyl ether	106	101	70 - 130	5	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	112		109		52 - 140		
1,2-Dichloroethane-d4 (Surr)	118		114		60 - 140		
Toluene-d8 (Surr)	105		104		58 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-59432**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-59432/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/12/2009 2148
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10120923.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-59432/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/12/2009 2220
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10120924.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Gasoline Range Organics (GRO)-C5-C12	96	96	70 - 130	1	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	111		112			52 - 140	
1,2-Dichloroethane-d4 (Surr)	119		123			60 - 140	
Toluene-d8 (Surr)	105		105			58 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-59432**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 720-23080-24
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 0032
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432

Instrument ID: Chenstation 3
Lab File ID: 10120928.D
Initial Weight/Volume: 5.01 g
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-23080-24
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 0105
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432

Instrument ID: Chenstation 3
Lab File ID: 10120929.D
Initial Weight/Volume: 5.06 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Methyl tert-butyl ether	113	117	69 - 130	3	20		
Acetone	131	136	37 - 150	2	20		
Benzene	101	103	70 - 130	1	20		
Dichlorobromomethane	118	118	64 - 135	1	20		
Bromobenzene	101	100	70 - 130	2	20		
Chlorobromomethane	98	100	65 - 130	1	20		
Bromoform	113	115	58 - 132	1	20		
Bromomethane	86	88	56 - 130	1	20		
2-Butanone (MEK)	113	125	41 - 150	6	20		
n-Butylbenzene	118	120	60 - 145	1	20		
sec-Butylbenzene	111	112	64 - 137	0	20		
tert-Butylbenzene	109	109	63 - 134	1	20		
Carbon disulfide	94	96	10 - 150	2	20		
Carbon tetrachloride	101	102	54 - 130	0	20		
Chlorobenzene	100	104	70 - 130	3	20		
Chloroethane	93	93	61 - 130	0	20		
Chloroform	106	109	67 - 130	2	20		
Chloromethane	79	81	50 - 131	2	20		
2-Chlorotoluene	113	114	70 - 130	0	20		
4-Chlorotoluene	114	115	70 - 130	0	20		
Chlorodibromomethane	117	119	60 - 141	0	20		
1,2-Dichlorobenzene	107	107	70 - 130	2	20		
1,3-Dichlorobenzene	101	102	70 - 130	0	20		
1,4-Dichlorobenzene	102	102	70 - 130	1	20		
1,3-Dichloropropane	120	122	70 - 130	1	20		
1,1-Dichloropropene	102	105	67 - 130	2	20		
1,2-Dibromo-3-Chloropropane	121	128	57 - 130	5	20		
Ethylene Dibromide	110	115	66 - 135	3	20		
Dibromomethane	114	115	65 - 131	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 720-59432

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 720-23080-24
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 10/13/2009 0032
 Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
 Prep Batch: 720-59432

Instrument ID: Chenstation 3
 Lab File ID: 10120928.D
 Initial Weight/Volume: 5.01 g
 Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-23080-24
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 10/13/2009 0105
 Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
 Prep Batch: 720-59432

Instrument ID: Chenstation 3
 Lab File ID: 10120929.D
 Initial Weight/Volume: 5.06 g
 Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	57	59	38 - 130	2	20		
1,1-Dichloroethane	108	109	67 - 130	1	20		
1,2-Dichloroethane	116	120	70 - 130	2	20		
1,1-Dichloroethene	100	101	64 - 130	0	20		
cis-1,2-Dichloroethene	109	111	68 - 131	1	20		
trans-1,2-Dichloroethene	97	97	70 - 130	1	20		
1,2-Dichloropropane	108	113	65 - 133	4	20		
cis-1,3-Dichloropropene	120	123	46 - 139	2	20		
trans-1,3-Dichloropropene	119	123	55 - 131	3	20		
Ethylbenzene	105	110	65 - 130	3	20		
Hexachlorobutadiene	102	105	58 - 132	2	20		
2-Hexanone	130	133	44 - 150	2	20		
Isopropylbenzene	90	92	65 - 130	2	20		
4-Isopropyltoluene	112	112	69 - 134	0	20		
Methylene Chloride	104	106	63 - 130	0	20		
4-Methyl-2-pentanone (MIBK)	132	132	51 - 140	1	20		
Naphthalene	115	116	45 - 146	0	20		
N-Propylbenzene	112	111	70 - 130	2	20		
Styrene	104	107	58 - 135	1	20		
1,1,1,2-Tetrachloroethane	107	110	64 - 133	1	20		
1,1,2,2-Tetrachloroethane	138	137	70 - 131	2	20	F	F
Tetrachloroethene	87	89	67 - 130	2	20		
Toluene	100	102	70 - 130	1	20		
1,2,3-Trichlorobenzene	102	103	58 - 138	0	20		
1,2,4-Trichlorobenzene	93	95	49 - 144	1	20		
1,1,1-Trichloroethane	102	102	57 - 133	1	20		
1,1,2-Trichloroethane	122	121	68 - 132	2	20		
Trichloroethene	87	87	66 - 130	1	20		
Trichlorofluoromethane	95	96	61 - 130	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-59432**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 720-23080-24
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 0032
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432

Instrument ID: Chenstation 3
Lab File ID: 10120928.D
Initial Weight/Volume: 5.01 g
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-23080-24
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 0105
Date Prepared: 10/12/2009 0800

Analysis Batch: 720-59384
Prep Batch: 720-59432

Instrument ID: Chenstation 3
Lab File ID: 10120929.D
Initial Weight/Volume: 5.06 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,2,3-Trichloropropane	139	140	62 - 150	0	20		
1,1,2-Trichloro-1,2,2-trifluoroethane	85	85	52 - 130	1	20		
1,2,4-Trimethylbenzene	118	119	64 - 140	0	20		
1,3,5-Trimethylbenzene	113	113	67 - 134	1	20		
Vinyl acetate	21	16	52 - 150	26	20	F	F
Vinyl chloride	79	80	62 - 130	1	20		
2,2-Dichloropropane	104	109	63 - 130	4	20		
TBA	92	93	70 - 130	0	20		
DIPE	108	109	70 - 130	0	20		
TAME	117	121	70 - 130	2	20		
Ethyl t-butyl ether	105	109	70 - 130	2	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
4-Bromofluorobenzene	108		110	52 - 140			
1,2-Dichloroethane-d4 (Surr)	118		117	60 - 140			
Toluene-d8 (Surr)	102		104	58 - 140			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Method Blank - Batch: 720-59492

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 720-59492/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 1315
Date Prepared: 10/13/2009 0800

Analysis Batch: 720-59397
Prep Batch: 720-59492
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10130911.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		5.0
Dichlorobromomethane	ND		5.0
Bromobenzene	ND		5.0
Chlorobromomethane	ND		20
Bromoform	ND		5.0
Bromomethane	ND		10
2-Butanone (MEK)	ND		50
n-Butylbenzene	ND		5.0
sec-Butylbenzene	ND		5.0
tert-Butylbenzene	ND		5.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		5.0
Chlorobenzene	ND		5.0
Chloroethane	ND		10
Chloroform	ND		5.0
Chloromethane	ND		10
2-Chlorotoluene	ND		5.0
4-Chlorotoluene	ND		5.0
Chlorodibromomethane	ND		5.0
1,2-Dichlorobenzene	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,3-Dichloropropane	ND		5.0
1,1-Dichloropropene	ND		5.0
1,2-Dibromo-3-Chloropropane	ND		5.0
Ethylene Dibromide	ND		5.0
Dibromomethane	ND		10
Dichlorodifluoromethane	ND		10
1,1-Dichloroethane	ND		5.0
1,2-Dichloroethane	ND		5.0
1,1-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
trans-1,2-Dichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
Ethylbenzene	ND		5.0
Hexachlorobutadiene	ND		5.0
2-Hexanone	ND		50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Method Blank - Batch: 720-59492

**Method: 8260B
Preparation: 5035**

Lab Sample ID: MB 720-59492/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 10/13/2009 1315
 Date Prepared: 10/13/2009 0800

Analysis Batch: 720-59397
 Prep Batch: 720-59492
 Units: ug/Kg

Instrument ID: Chenstation 3
 Lab File ID: 10130911.D
 Initial Weight/Volume: 5 g
 Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Isopropylbenzene	ND		5.0
4-Isopropyltoluene	ND		5.0
Methylene Chloride	ND		10
4-Methyl-2-pentanone (MIBK)	ND		50
Naphthalene	ND		10
N-Propylbenzene	ND		5.0
Styrene	ND		5.0
1,1,1,2-Tetrachloroethane	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Toluene	ND		5.0
1,2,3-Trichlorobenzene	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
1,1,1-Trichloroethane	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Trichloroethene	ND		5.0
Trichlorofluoromethane	ND		5.0
1,2,3-Trichloropropane	ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
1,2,4-Trimethylbenzene	ND		5.0
1,3,5-Trimethylbenzene	ND		5.0
Vinyl acetate	ND		50
Vinyl chloride	ND		5.0
m-Xylene & p-Xylene	ND		5.0
o-Xylene	ND		5.0
Xylenes, Total	ND		10
2,2-Dichloropropane	ND		5.0
Gasoline Range Organics (GRO)-C5-C12	ND		250
TBA	ND		5.0
DIPE	ND		5.0
TAME	ND		5.0
Ethyl t-butyl ether	ND		5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	109	52 - 140
1,2-Dichloroethane-d4 (Surr)	137	60 - 140
Toluene-d8 (Surr)	105	58 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-59492**

**Method: 8260B
Preparation: 5035**

LCS Lab Sample ID: LCS 720-59492/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 1211
Date Prepared: 10/13/2009 0800

Analysis Batch: 720-59397
Prep Batch: 720-59492
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10130909.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-59492/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2009 1243
Date Prepared: 10/13/2009 0800

Analysis Batch: 720-59397
Prep Batch: 720-59492
Units: ug/Kg

Instrument ID: Chenstation 3
Lab File ID: 10130910.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Gasoline Range Organics (GRO)-C5-C12	93	91	70 - 130	3	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	114		116			52 - 140	
1,2-Dichloroethane-d4 (Surr)	125		133			60 - 140	
Toluene-d8 (Surr)	106		107			58 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Method Blank - Batch: 720-59273

Lab Sample ID: MB 720-59273/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 10/10/2009 1129
 Date Prepared: 10/09/2009 1224

Analysis Batch: 720-59307
 Prep Batch: 720-59273
 Units: mg/Kg

Method: 8015B
Preparation: 3550B
 Instrument ID: HP DRO5
 Lab File ID: 5a1010007.d
 Initial Weight/Volume: 30.28 g
 Final Weight/Volume: 5 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		0.99
Motor Oil Range Organics [C24-C36]	ND		50
<hr/>			
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	92	31 - 114	

**Lab Control Sample/
 Lab Control Sample Duplicate Recovery Report - Batch: 720-59273**

LCS Lab Sample ID: LCS 720-59273/2-A
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 10/10/2009 1719
 Date Prepared: 10/09/2009 1224

Analysis Batch: 720-59307
 Prep Batch: 720-59273
 Units: mg/Kg

Method: 8015B
Preparation: 3550B
 Instrument ID: HP DRO5
 Lab File ID: 5a1010020.d
 Initial Weight/Volume: 30.23 g
 Final Weight/Volume: 5 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-59273/3-A
 Client Matrix: Solid
 Dilution: 1.0
 Date Analyzed: 10/10/2009 1746
 Date Prepared: 10/09/2009 1224

Analysis Batch: 720-59307
 Prep Batch: 720-59273
 Units: mg/Kg

Instrument ID: HP DRO5
 Lab File ID: 5a1010021.d
 Initial Weight/Volume: 30.09 g
 Final Weight/Volume: 5 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	85	82	49 - 115	4	35		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	89		87		31 - 114		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Method Blank - Batch: 720-59312

**Method: 8015B
Preparation: 3550B**

Lab Sample ID: MB 720-59312/1-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1606
Date Prepared: 10/10/2009 0854

Analysis Batch: 720-59305
Prep Batch: 720-59312
Units: mg/Kg

Instrument ID: HP GC 7890
Lab File ID: FID1000022.D
Initial Weight/Volume: 30.11 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		1.0
Motor Oil Range Organics [C24-C36]	ND		50
<hr/>			
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	81	31 - 114	

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-59312**

**Method: 8015B
Preparation: 3550B**

LCS Lab Sample ID: LCS 720-59312/2-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 2050
Date Prepared: 10/10/2009 0854

Analysis Batch: 720-59305
Prep Batch: 720-59312
Units: mg/Kg

Instrument ID: HP GC 7890
Lab File ID: FID1000035.D
Initial Weight/Volume: 30.19 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-59312/3-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 2112
Date Prepared: 10/10/2009 0854

Analysis Batch: 720-59305
Prep Batch: 720-59312
Units: mg/Kg

Instrument ID: HP GC 7890
Lab File ID: FID1000036.D
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	78	79	49 - 115	1	35		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	42		82		31 - 114		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-59312**

**Method: 8015B
Preparation: 3550B**

MS Lab Sample ID: 720-23080-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1628
Date Prepared: 10/10/2009 0854

Analysis Batch: 720-59305
Prep Batch: 720-59312

Instrument ID: HP GC 7890
Lab File ID: FID1000023.D
Initial Weight/Volume: 30.35 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

MSD Lab Sample ID: 720-23080-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2009 1650
Date Prepared: 10/10/2009 0854

Analysis Batch: 720-59305
Prep Batch: 720-59312

Instrument ID: HP GC 7890
Lab File ID: FID1000024.D
Initial Weight/Volume: 30.42 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY


Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C28]	86	83	50 - 130	3	30		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
p-Terphenyl		85	86			31 - 114	

Calculations are performed before rounding to avoid round-off errors in calculated results.

720-23080
Chain of Custody Record

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925-484-1919 fax 925-600-3002

Client Contact Sigma Engineering, Inc. Address 2101 Auto Center Drive, Suite 150 City/State/Zip Oxnard, CA 93036 (805) 983 6282 Office Cell 805 358 0166 (805) 983 4992 Fax Email cswells@sigmaengineeringinc.com Project Name: SEARS TBA Site: Norfingate Mall, San Rafael P O # 098275		Project Manager: Chris Wells Tel/Fax: _____ Analysis Turnaround Time Calendar (C) or Work Days (W) <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day TAT if different from Below Standard 5 day		Site Contact: Elizabeth Zernik Date: 10/5/09 Carrier: _____		COC No: _____ of 3 COCs Job No. _____ SDG No. _____									
Sample Identification BI-10' 1 BI-15' 1 BI-20' 1 BI-22' 1 BI-10' 1 BI-23' 1 MW4-10'-111 MW4-15' 111 MW4-18.5' 111 MW3-10' 111 MW3-15' 111 MW3-16' 111		Sample Date 10/5/09 7/15 5012		Sample Time 715 5012		Sample Type SOIL		Matrix 1 1 1 1 1 4 4 4 4 4 3		# of Cont. 1 1 1 1 1 1 4 4 4 4 4 3		Filtered Sample 8015/Carbon Clean total petroleum hydrocarbons Volatile Organics (VOCs) (XYS) * 5035 5035		Sample Specific Notes: * if elevated TPH-h a nalyse for PCBs/cml SEI. call SEI call SEI	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other _____ Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/>															
Special Instructions/QC Requirements & Comments: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months															
Relinquished by: 		Company: SEI		Date/Time: 10/6/09 11:30pm		Received by: MOSES ✓		Company: Gold Bullet		Date/Time: 10-6-09-16:07					
Relinquished by: MOSES ✓		Company: Gold Bullet		Date/Time: 10-6-09-18:59		Received by: Joan Miller		Company: Test America		Date/Time: 10-06-05 1834					
Relinquished by: _____		Company: _____		Date/Time: _____		Received by: _____		Company: _____		Date/Time: _____					

Handwritten notes and signatures at the bottom right of the page, including a signature and some illegible text.

Client Contact
Sigma Engineering, Inc.
Address: 2101 Auto Center Drive, Suite 150
City/State/Zip Oxnard, CA 93036
(805) 983 6262 Office Cell 805 358 0166
(805) 983 4992 Fax Email cswells@sigmaengineeringinc.com
Project Name: SEARS TBA
Site: Northgate Mall, San Rafael
P O # 098275

Project Manager: Chris Wells
Tel/Fax:
Analysis Turnaround Time
Calendar (C) or Work Days (W)
TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day
Standard
5 day

Project Manager: Chris Wells
Site Contact: Elizabeth Zernik
Lab Contact:
Date:
Carrier:
COC No. of COCs
Job No.
SDG No.

TestAmerica Laboratories, Inc.
119517

720-23080
Chain of Custody Record

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Chain of Custody	Analysis	Carrier	Date
MW2-10' 111F	12/4/09	1255	SOIL		4	X	Chain of Custody	B015 (Carbon)		
MW2-15' 1111		1329	SOIL		4	X	Chain of Custody	B015 (Carbon)		
MW3-17' 1111		1430	SOIL		4	X	Chain of Custody	B015 (Carbon)		
MW3-10' 1111										
MW3-15' 1111										
MW3-16' 1111										
B3-5'1 (ARCHIVE)			SOIL		1	X	Chain of Custody	B015 (Carbon)		
B3-10'1		0800	SOIL		1	X	Chain of Custody	B015 (Carbon)		
B4-10'1		0645	SOIL		1	X	Chain of Custody	B015 (Carbon)		
B5-5'1 (ARCHIVE)			SOIL		1	X	Chain of Custody	B015 (Carbon)		
B5-10'1		830	SOIL		1	X	Chain of Custody	B015 (Carbon)		
B6-10'1			SOIL		1	X	Chain of Custody	B015 (Carbon)		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other
Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown
Special Instructions/QC Requirements & Comments:
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Relinquished by: <i>SEI</i>	Company: SEI	Date/Time: 10/6/05 4:07	Received by: <i>John Moises V.</i>	Company: Gold Bullet	Date/Time: 10-6-09 - 16:07
Relinquished by: <i>Moises V.</i>	Company: Gold Bullet	Date/Time: 10-6-09 18:34	Received by: <i>John Moises V.</i>	Company: TestAmerica	Date/Time: 10-06-09 1834

Login Sample Receipt Check List

Client: Sigma Engineering, Inc.

Job Number: 720-23080-1

Login Number: 23080

List Source: TestAmerica San Francisco

Creator: Mullen, Joan

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

Appendix C
Boring Logs

BORING LOG: MW1

Date: 6-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 1.5" OD

Drill Method: Hydropunch

Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail	GEOLOGIC DESCRIPTION
	0					Sampled By <u>ELZ</u>
	5				concrete cap grout to 15' bgs	Surface: ~ 6" asphalt with 6" base
	10					
	15					Auger refusal at 15'; no groundwater encountered Backfilled with grout to 4" bgs; concrete to grade
	20					
	25					
	30					

BORING LOG: MW2

Date: 6-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 3" OD

Drill Method: Geoprobe Direct Push
 Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail	GEOLOGIC DESCRIPTION
	0					Sampled By <u>ELZ</u> Surface: ~ 6" asphalt with 6" base
	5		0.00		concrete cap grout to 17' bgs	light brown silt, dry
	10		0.00	MW2-10'		light brown to yellow orange silty clay, mottled, dry olive gray to medium brown sandy silt with gravel
	15		0.00	MW2-15'		olive gray sandy silt with gravel; auger refusal; trying again olive gray sandy silt with gravel;
	20		0.00	MW2-17'		dark gray silt, dry; auger refusal 2 times at 17' No groundwater encountered Backfilled with grout to 4" bgs; concrete to grade
	25					
	30					

WELL COMPLETION LOG: MW3

Date: 5-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 3" OD

Sheet 1 of 1

Drill Method: Geoprobe Direct Push
 Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail	GEOLOGIC DESCRIPTION
	0				traffic rated cover	Surface: ~ 6" asphalt with 6" base
	5		0.00 0.00		grout blank grout	dark gray to medium brown gravelly silt; slightly moist dark gray mottled clay; rust smell with gravel, dry
	10		0.00	MW3-10'	plug sand well screen	light brown to olive gray silt, dense, slightly moist to dry
	15		0.00 0.00	MW3-15' MW3-16'		dark gray silt; dry light gray silt; dry
	20					Auger refusal at 16' bgs No groundwater encountered Bottom of well placed at 14.5' bgs due to equipment capabilities
	25					
	30					

WELL COMPLETION LOG: MW4

Date: 5-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 3" OD

Sheet 1 of 1

Drill Method: Geoprobe Direct Push
 Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail		GEOLOGIC DESCRIPTION
							Sampled By <u>ELZ</u>
0					traffic rated cover		Surface: ~ 6" asphalt with 6" base
					grout	grout	
5			0.00		plug foam blank	plug bridge	greenish gray (possibly discolored) silty clay with gravel
10			0.00	MW4-10'	sand well screen screen	sand	brown and green mottled clay with gravel; very slightly moist dark gray clay; slightly moist
15			0.00	MW4-15'			medium brown hard pan to tight silt; dry dark gray silty clay; dry to very slightly moist
20			0.00	MW4-18.5'			olive gray silt with gravel; dry Auger refusal at 18.5' bgs No groundwater encountered Bottom of well placed at 16' bgs due to equipment capabilities
25							
30							

BORING LOG: B1

Date: 5-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 2" OD

Sheet 1 of 1

Drill Method: Geoprobe Direct Push
 Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail	GEOLOGIC DESCRIPTION
	0				concrete cap	Sampled By <u>ELZ</u>
	5		0.00		grout to 22' bgs	Surface: ~ 6" asphalt with 6" base
	10		0.00	B1-10'		light brown silty clay; slightly moist
	15		0.00	B1-15'		silty clay with some gravel; dry
	20		0.00	B1-20'		dark brown clay; moist to slightly saturated
	25		1.70	B1-22'		light brown silty clay with gravel; dry
30						yellowish orange silty clay; dry (hard pan)
						light gray gravelly silt; dry to moist
						gravelly silt; saturated
						olive gray gravelly sandy clay; saturated
						Auger refusal at 22' bgs Groundwater encountered at ~ 21' bgs

BORING LOG: B2

Date: 5-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 2" OD

Sheet 1 of 1

Drill Method: Geoprobe Direct Push
 Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail	GEOLOGIC DESCRIPTION
	0				concrete cap	Surface: ~ 6" asphalt with 6" base
	5		0.00		grout to 23' bgs	Medium brown gravelly clayey silt; dry
	10		1.00	B2-10'		Olive gray clay with some gravel; moist to wet
	15		0.00			Light brown clay with gravel; slightly moist
	20		0.10			Hard drilling
	23		1.00			Olive gray gravelly silt; dry
	25		0.00	B1-23'		Yellowish orange silty clay; slightly moist
	27					Olive gray gravelly silt; dry
	30					Auger refusal at 23' bgs No groundwater encountered

BORING LOG: B3

Date: 6-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 2" OD

Drill Method: Geoprobe Direct Push
 Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail	GEOLOGIC DESCRIPTION
	0				concrete cap	Sampled By <u>ELZ</u>
	5		25-50	B3-5'	grout to 10' bgs	Surface: ~ 2" concrete slab with base
	10		30.00	B3-10'		Mottled yellow orange clayey silt with gravel; slightly moist
	15					olive gray to dark gray silty clay; slightly moist to moist
	20					olive gray to medium brown silty clay; moist to wet
	25					Total depth 10' bgs No groundwater encountered
	30					

BORING LOG: B4

Date: 6-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 2" OD

Sheet 1 of 1

Drill Method: Geoprobe Direct Push
 Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail	GEOLOGIC DESCRIPTION
	0				concrete cap	Surface: ~ 2" concrete slab with base
	5		0.00		grout to 10' bgs	mottled yellow orange silty clay; very slightly moist
	10		0.00	B4-10'		olive gray silt; very slightly moist
	15					mottled yellow orange silty clay; slightly moist
	20					Total depth 10' bgs No groundwater encountered
	25					
	30					

BORING LOG: B5

Date: 6-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 2" OD

Drill Method: Geoprobe Direct Push
 Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail	GEOLOGIC DESCRIPTION
	0				concrete cap	Sampled By <u>ELZ</u>
	5		50.00		grout to 10' bgs	Surface: ~ 2" concrete slab with base light brown silty clay, slightly mottled to orange, slightly plastic; slightly moist
	10		100	B5-10'		yellow orange mottled w/rust silty clay; slightly moist No groundwater encountered Total depth 10' bgs
	15					
	20					
	25					
	30					

BORING LOG: B6

Date: 6-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 2" OD

Drill Method: Geoprobe Direct Push
 Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail	GEOLOGIC DESCRIPTION
	0				concrete cap	Sampled By <u>ELZ</u>
	5		0.00		grout to 10' bgs	Surface: ~ 2" concrete slab with base
	10		0.00	B6-10'		light brown to light gray gravelly silt; very slightly moist
	15		0.00			dark gray to dark brown silt
	20					yellowish orange silt to clayey silt; very slightly moist
	25					Total depth 10' bgs No groundwater encountered
	30					

BORING LOG: B7

Date: 6-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 2" OD

Drill Method: Geoprobe Direct Push
 Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail	GEOLOGIC DESCRIPTION
	0				concrete cap	Sampled By <u>ELZ</u>
	5		30.00		grout to 10' bgs	Surface: ~ 2" concrete slab with base
	10		200	B7-10'		dark gray clay, slightly plastic; slightly moist
	15					dark gray silty clay; slightly moist
	20					yellowish orange mottled silty clay to clayey silt with rust spots; slightly moist
	25					Total depth 10' bgs No groundwater encountered
30						

BORING LOG: B8

Date: 6-Oct-09
 Project: 098275 (Sears TBA, San Rafael)
 Drilling Co.: Vironex
 Boring Diameter: 2" OD

Sheet 1 of 1

Drill Method: Geoprobe Direct Push
 Reference: see Site Plan

Elevation (Feet)	Depth (ft)	Graphic Log	PID Reading (ppm)	Sample No.	Completion Detail	GEOLOGIC DESCRIPTION
	0				concrete cap	Sampled By <u>ELZ</u>
	5		0.20		grout to 10' bgs	Surface: ~ 2" concrete slab with base
	10		0.00	B8-10'		yellowish orange to dark gray mottled silty clay, slightly plastic; moist
	15		0.3			dark gray silty clay; slightly moist
	20					yellowish orange mottled, slightly plastic silty clay; damp to slightly moist
	25					Total depth 10' bgs No groundwater encountered
	30					(Possible background readings noted on PID at 0.1 ppm in Auto Center).

TOR Environmental, Inc.

PO Box 73626
San Clemente, California 92673
(949) 370-2046

Phase I Environmental Site
Assessment
Northgate Mall
1000, 1500, 5010, 5800, 6000,
and 9000 Northgate Drive
San Rafael, California 94903

15 December 2016

Prepared for

Glaser Weil Fink Howard
Avchen and Shapiro LLP
10250 Constellation Boulevard, 19th Floor
Los Angeles, California 90067

TOR Project No. GW-246

TOR Environmental, Inc.

PO Box 73626
San Clemente, California 92673
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Phase I Environmental Site
Assessment
Northgate Mall
1000, 1500, 5010, 5800, 6000,
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15 December 2016

Prepared for

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Jeffrey D. Borum, P.G., C.E.G.
Principal Engineering Geologist

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- B EDR Historical Aerial Photo Decade Package
- C EDR Sanborn Fire Insurance Maps
- D EDR City Directory
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- F EDR Environmental Lien and AUL Search Report and Property Tax Map Report
- G Building Permit Report
- H User Provided Information
- I Agency File Information
- J Subject Property Photographic Log

Executive Summary

TÖR Environmental, Inc. (TOR) was retained by Glaser Weil Fink Howard Avchen & Shapiro LLP (Glaser Weil) on behalf of Merlone Geier Partners (MGP) to prepare a Phase I Environmental Site Assessment (Phase I ESA) for the Northgate Mall retail center, located north and east of Northgate Drive and south and west of Las Gallinas Avenue in San Rafael, California 94903 (*Illustrations 1, 2 and 3*). For the purpose of this report, the referenced retail parcels will be referred to as the “Subject Property”. According to the Marin County Assessor’s office, the current addresses associated with the Subject Property consist of 1000, 1500, 5010, 5800, 6000, and 9000 Northgate Drive. The Subject Property is identified by Marin County Assessor Parcel Numbers (APNs) 175-060-12, 175-060-40, 175-060-59, 175-060-61, 175-060-66 and 175-060-67. The Subject Property includes approximately 44.8 acres of land improved with commercial retail buildings.

This Phase I ESA was conducted on behalf of Glaser Weil and MGP as part of a property transfer. Glaser Weil and MGP will be the “User” of the resulting report, as defined in the American Society of Testing Materials (ASTM) E1527-13 standard practice for environmental site assessments and both will be referred to as the User throughout this report. This Phase I ESA will provide the User with a baseline understanding of environmental conditions present at the Subject Property using the guidelines set forth in ASTM E1527-13.

The purpose of this Phase I ESA is to identify recognized environmental conditions (“RECs”), historical recognized environmental conditions (“HRECs”), and controlled recognized environmental conditions (“CRECs”), as defined by ASTM E1527-13 that may have affected the Subject Property. Findings that are not RECs, HRECs or CRECs, but do have some potential to affect the Subject Property in the context of environmental due diligence are identified as *Notable Findings* for the purpose of this report.

Conclusions

Recognized Environmental Conditions (RECs)

As defined by ASTM, a REC is “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.”

Onsite RECs

This Phase I ESA revealed the following RECs on the Subject Property:

Former Sears Appliance Service Center

- Hazardous materials stored and spilled in former Sears Appliance Center.

Sears Department Store Basement

- Hydraulic oil accumulations in elevator motor rooms, and
- Hazardous waste storage room.

Sears Automotive Center

- Known residual and likely additional oil impacts from former and current hydraulic lifts; and
- Open regulatory underground storage tank closure investigation case.
- Suspect leaking elevator used for tire storage on second level of building.
- Stained and etched concrete in battery storage room.
- Oily residues in oil storage areas.
- Incomplete records with respect to disposition of USTs associated with this facility.
- An underground three stage clarifier at the former Sears Automotive Center is a potential source of subgrade chemical impacts.

Offsite RECs

This assessment has revealed no offsite *RECs* in connection with the Subject Property.

Historical Recognized Environmental Conditions (HRECs)

As defined by ASTM, an *HREC* is: “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

This assessment has revealed no *HRECs* in connection with the Subject Property.

Controlled Recognized Environmental Conditions (CRECs)

As defined by ASTM, a *CREC* is: “a *REC* resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls

(for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

This assessment has revealed the following offsite *CRECs* in connection with the Subject Property:

- Ninety-nine micrograms per liter (ug/L) of diesel fuel, a concentration less than the typical regulatory threshold of concern, is reported to have been detected during 2008 in groundwater immediately north of the Subject Property boundary (GES, 2008). This impacted groundwater appears to be related to releases from gas stations across Las Gallinas Avenue and have been designated as closed LUST sites by the State Water Resources Control Board.

Notable Findings

Findings that are not *RECs*, *HRECs*, or *CRECs*, but do have some potential to affect the Subject Property in the context of environmental due diligence are identified as *Notable Findings* for the purpose of this report.

This assessment has revealed the following *Notable Findings*:

- A cleaner is reported to have occupied an on-property facility at 8985 Northgate Mall Drive during 2003-2004. It is unknown where this business was specifically located or if potentially hazardous cleaning chemicals were present. Review of City of San Rafael permit files indicates the permit for a cleaner at this address was being held up because of because of CUPA permit application paperwork. A “Correction Notice” was also issued dated 1987 and 1991 based on improper fire safety equipment. Internet research suggested the business did pressing but were only “agents” of the cleaner. Based on the single listing in the historical city directory, it is not clear that it was in operation. Dated information is conflicting as well. No other information was found during the course of this assessment.
- 125 gallons of potentially PCB-containing mineral oil is reported to have leaked from a Pacific Gas & Electric owned and operated transformer into a subgrade utility vault during 1997.
- Below grade groundwater sump pumps are operated as needed to prevent flooding in the basement of the Sears department store. Sampling of water from the groundwater sump pumps is recommended for compliance with regulatory storm water discharge requirements and to evaluate impacts related to operations within the basement of the Sears department store.

Recommendations

Based on the conclusions provided above, TOR recommends further investigation of the identified Onsite *RECs*.

Former Sears Appliance Service Center

Assessment of soil conditions beneath the location of the hazardous waste storage area for impacts related to total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs). If high levels of TPH are revealed, recommend additional analysis for the potential presence of polychlorinated biphenyls (PCBs).

Sears Department Store Basement

Areas requiring further assessment and testing included the elevator motor rooms, the hazardous waste storage area, and the groundwater pumping rooms. The elevator rooms and any other elevators within the store whose motors were not observed during the site walk, should be evaluated as well. Soil beneath these systems should be tested for TPH and PCBs. In addition, sampling of water from the groundwater sump pumps is recommended for compliance with regulatory discharge requirements and to evaluate impacts related to operations within the basement of the Sears department store.

Sears Automotive Center (SAC)

The available information surrounding the SAC includes several data gaps and incomplete regulatory compliance conditions.

Hydraulic Lifts

There are 14 remaining lifts and TOR recommends they be removed from the property and that residual impacts to surrounding soil be remediated to concentrations in conformance with regulatory requirements. If residual soil impacts above regulatory requirements are discovered, remediation and regulatory site closure should be obtained.

Underground Storage Tanks

Up to eight USTs were reportedly installed at the SAC. Information surrounding their removal is missing or not available. SEI completed a geophysical survey areas north of the SAC building. TOR recommends the geophysical survey on the west, east and south sides of the SAC building to complete the UST screening evaluation.

Underground Three-Stage Clarifier

TOR is not recommending any further testing around the clarifier until it is ready for removal. This improvement should be removed from the site when the SAC ceases operation. Removal

should include confirmation soil sampling to indicate any residual soil impacts have been remediated in accordance with regulatory requirements.

Battery Storage Room

Staining on the floor in this area suggests a potential for impacts of metals including lead to be present. Concrete slab floor in the battery storage room should be chip sampled and analyzed for metals including lead.

Auto Shop Floor and Sunken Work Bay

The SAC auto shop maintenance floor as well as the sunken floor auto service work bay (northwest corner of the SAC building) may contain residual VOC impacts that could compromise indoor air quality especially if the site is later redeveloped for a different land use. Although SEI tested discrete soil samples for VOCs, they did not evaluate for potentially hazardous soil gas. Soil samples are location specific and can miss detection of point sources that could be present in adjacent soil. TOR recommends a soil gas assessment for VOCs be completed in the SAC building, including the sunken work bay.

Southwest New and Waste Oil Storage Area

This area located on the southwest side of the building has not yet be evaluated for chemical releases. TOR noted the improper storage of drums as well as the oily condition of the concrete slab floors at this location. Evaluation of both soil and soil gas in this area is recommended.

Section 1: Introduction

TOR Environmental, Inc. (TOR) was retained by Glaser Weil Fink Howard Avchen & Shapiro LLP (Glaser Weil) on behalf of Merlone Geier Partners (MGP) to prepare a Phase I Environmental Site Assessment (Phase I ESA) for the Northgate Mall retail center, for the Northgate Mall retail center, located north and east of Northgate Drive and south and west of Las Gallinas Avenue in San Rafael, California 94903 (*Illustrations 1, 2 and 3*). For the purpose of this report the referenced retail parcels will be referred to as the “Subject Property”. According to the Marin County Assessor’s office, the current addresses associated with the Subject Property consist of 1000, 1500, 5010, 5800, 6000, and 9000 Northgate Drive. The Subject Property is identified by Marin County Assessor Parcel Numbers (APNs) 175-060-12, 175-060-40, 175-060-59, 175-060-61, 175-060-66 and 175-060-67. The Subject Property includes approximately 44.8 acres of land improved with commercial retail buildings.

This Phase I ESA was conducted on behalf of Glaser Weil and MGP as part of a property transfer. Glaser Weil and MGP will be the “User” of the resulting report, as defined in American Society of Testing and Materials (ASTM) E1527-13 standard practice for environmental site assessments and both will be referred to as the User throughout this report. This Phase I ESA will provide the User with a baseline understanding of environmental conditions present at the Subject Property using the guidelines set forth ASTM E1527-13.

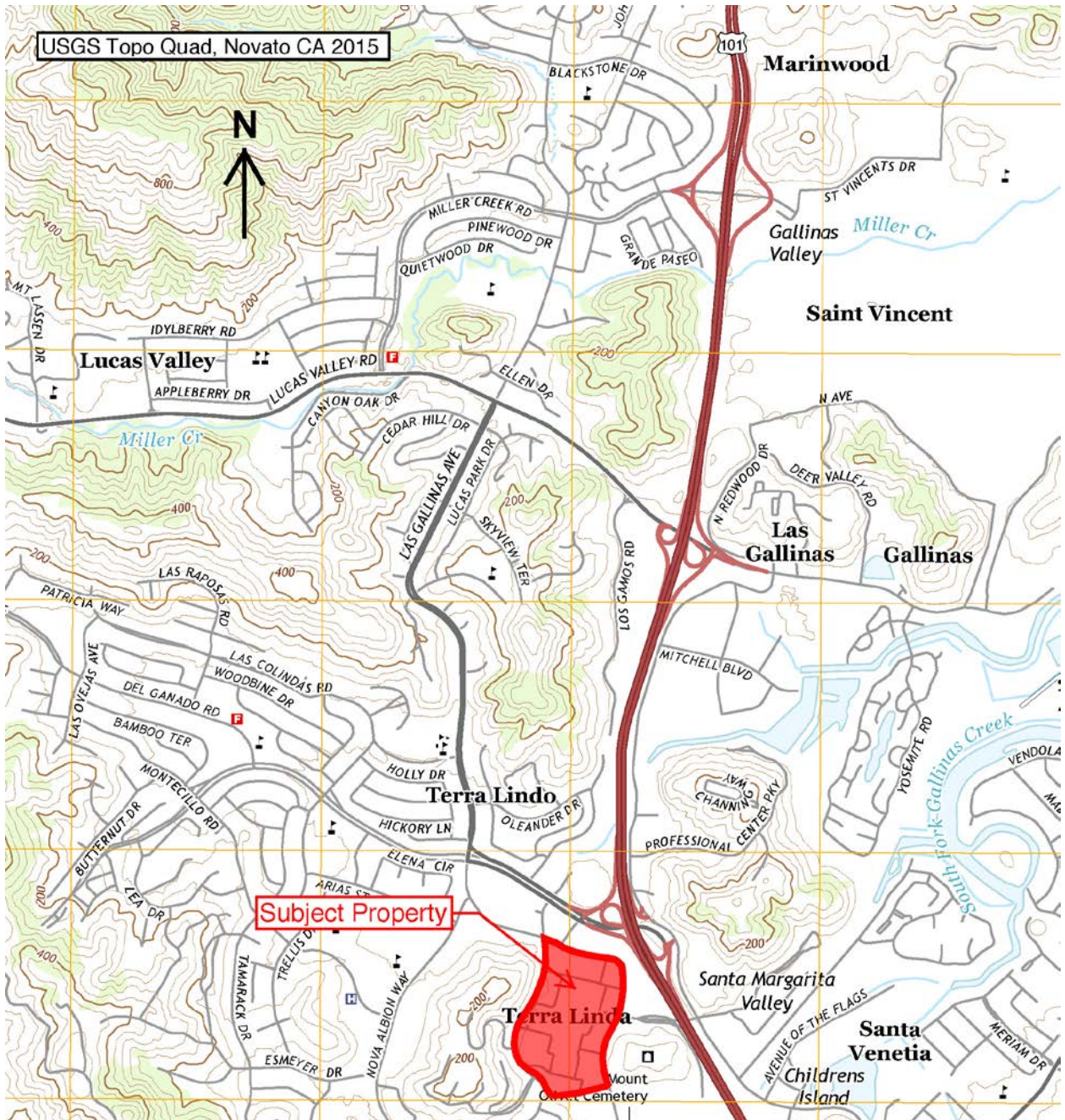


Illustration 1. Site Location Vicinity Map



Illustration 3. Subject Property Layout

1.1 Purpose

The purpose of this Phase I ESA is to identify recognized environmental conditions (“RECs”), historical recognized environmental conditions (“HRECs”), and controlled recognized environmental conditions (“CRECs”), as defined by ASTM E1527-13 that may have affected the Subject Property. Findings that are not RECs, HRECs or CRECs, but do have some potential to affect the Subject Property in the context of environmental due diligence are identified as *Notable Findings* for the purpose of this report.

As defined by ASTM, a REC is “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a

material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.”

As defined by ASTM, a *de minimis* condition is “a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* conditions are neither *RECs*, *HRECs*, nor *CRECs*.”

As defined by ASTM, an *HREC* is: “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

As defined by ASTM, a *CREC* is: “a *REC* resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

Findings that are not *RECs*, *HRECs*, or *CRECs*, but do have some potential to affect the Subject Property in the context of environmental due diligence are identified as *Notable Findings* for the purpose of this report.

The work was conducted pursuant to authorization to proceed with the project dated 2 December 2016 from Mr. Daniel Jordan, Esq. of Glaser Weil.

1.2 Detailed Scope of Services

1.2.1 Phase I ESA

The Phase I ESA was conducted in general accordance with the United States Environmental Protection Agency (USEPA) All-Appropriate Inquiry (AAI) rule (40 CFR, Part 312) as described in the ASTM E1527-13 standard practice for environmental site assessments. At a minimum, the following activities were performed to accomplish the Phase I ESA objectives:

- **Subject Property Reconnaissance** – A visual and physical observation of the Subject Property was conducted in readily accessible areas to identify *RECs*, *HRECs*, *CRECs* or *Notable Findings* associated with environmental conditions. Additionally, visual observations of adjoining properties were made from the vantage point of the Subject Property as well as from public right-of-ways to assess the potential impact of these properties on the Subject Property.

- **Subject Property Representative Interview** – An interview was conducted with individuals knowledgeable and familiar with the Subject Property.
- **Environmental Lien Search** – An environmental lien is a charge, security, or encumbrance on a property's title to secure payment of cost or debt arising from response actions, cleanup, or other remediation of hazardous substances or petroleum products. An environmental lien search was conducted for the Subject Property. No environmental liens or activity and limited use restrictions were identified for the Subject Property.
- **Online Agency Records Review** – Available environmental reports, agency records (state and local agencies), and appropriate permits were reviewed to identify reported environmental concern or incident associated with the Subject Property.
- **Historical Research** – At a minimum, readily available sources of historical information related to the Subject Property and adjoining properties were researched to identify historical land use practices that have the potential to adversely impact environmental conditions at the Subject Property. Sources of historical information to help identify *RECs*, *HRECs*, *CRECs* or *Notable Findings* in connection with the Subject Property include historical aerial photographs, historical topographic maps, Sanborn Fire Insurance Maps, and City Directories.
- **Government Database Review** – Published governmental federal and state databases were reviewed to identify properties within ASTM-specified radii of the Subject Property with a reported environmental concern or incident. TOR subcontracted the compilation of government database search to Environmental Data Resources, Inc. (EDR).
- **Report Preparation** – This written summary of the findings and recommendations of the Phase I ESA was prepared.

1.3 Environmental Professional Qualifications

This Phase I ESA was prepared by Jeffrey D. Borum (Geologist License No. 2902) of TOR. Mr. Borum has a Bachelor of Science degree in Earth Science, a Master of Science degree in Geology, and is a California Professional Geologist with more than 30 years of professional experience. Mr. Borum meets the qualifications for an environmental professional as stated in ASTM E1527-13.

1.4 Limitations and Exceptions

This Phase I ESA is based on review of readily available environmental records, results of limited interviews, and visual observations of recent Subject Property conditions. The collection or analysis of environmental samples, surveys regarding the presence of asbestos, radon, heavy metal-based paints, or compliance of individual property operations with environmental regulations were excluded during this Phase I ESA. This assessment was not intended to be a comprehensive inspection or assessment of all conditions that might exist at the Subject Property. Findings were developed based on our professional opinion and do not represent a

warranty, guarantee, certification, or positive assertion as to the presence, absence, or extent of potential contamination. TOR's activities were conducted in accordance with practices and procedures generally accepted in the consulting field. TOR's services were limited to those specified in our proposal, which was accepted and authorized by Glaser Weil and MGP.

1.5 Special Terms and Conditions

This report represents TOR's professional opinion and judgment, which are dependent upon information obtained during performance of consulting services. Environmental conditions may exist at the Subject Property that cannot be identified by visual observations or were obscured from view by vegetation, poor lighting, or other materials during TOR's visit to the Subject Property. TOR's conclusions were based in part on information supplied by others, the accuracy or sufficiency of which has not been independently reviewed by TOR. No investigation can be thorough enough to exclude the presence of hazardous materials at a given Subject Property; therefore, if no hazardous materials are identified during an assessment, such a finding should not be construed as a guarantee of the absence of such materials on the Subject Property, but rather the results of services performed within project scope, cost, schedule, and other limitations.

Any opinions presented apply to the Subject Property conditions at the time of performance of services and do not address the potential for future releases. Changes in applicable environmental standards, practices, or regulations may occur following performance of services, which could impact the opinions presented.

1.6 Reliance

This report is intended for the sole use of Glaser Weil, MGP and affiliates of MGP. If other parties wish to rely on this report, please have them contact TOR so that a mutual understanding and agreement of the terms and conditions for our services can be established prior to their use of this information.

Section 2: Subject Property Description

The following section provides information about the Subject Property, such as its ownership, general description, environmental setting, current property usage, and also describes the general uses of the adjoining properties and surrounding area.

2.1 Property Owner Information

According to the Marin County Assessor, the current owners of the Subject Property are Northgate Mall Assoc. (APNs 175-060-12, 175-060-40, 175-060-61, and 175-060-66), Kohl's Department Stores, Inc. (APN 175-060-59), and Northgate Mall Assoc. and Macerich Co. (APN 175-060-67). The Subject Property includes approximately 44.8 acres of land. The parcels are listed and shown in layout form on *Illustration 2*.

2.2 Subject Property Description

The Subject Property occupies approximately 44.8 acres and is located east and north of Northgate Drive and south and west of Las Gallinas Avenue in San Rafael, California 94903 (*Illustrations 1, 2 and 3*). The Subject Property is currently improved with the Northgate Mall. The property includes the main mall building and several stand-alone buildings (Kohl's, Rite Aid, Home Goods, Sears Automotive Center, and former Sears Appliance Service Center). The property also contains one parking garage. The following tables list the current anchor tenants and their addresses.

Northgate Mall Anchor Tenants

Address	Tenant
1000 Northgate Drive	Macy's
1500 Northgate Drive	Rite Aid (stand-alone building)
5010 Northgate Drive	Kohl's
5800 Northgate Drive	Northgate Mall
6000 Northgate Drive	Home Goods (stand-alone building)
9000 Northgate Drive	Sears, Sears Automotive Center, and former Sears Appliance Center

Complete addresses for all the mall tenants were not obtained, most addresses are suites numbers of 5800 Northgate Drive, with the exception of Panera Bread at 5000 Northgate Drive, the Gap at 6000 Northgate Drive and the Century Theaters at 7000 Northgate Drive. The following table lists the other current mall tenants. The table has divided the main mall building into four color sections as observed on the mall directory during site reconnaissance.

Other Northgate Mall Tenants

Mall Section A (Green)
Century Theaters
GAP, babyGAP, GapKids
Express
Sunglass Hut
Zee Jewelers
Vacant
See's Candies
Vacant
Vacant

Mall Section B (Blue)
Victoria's Secret
Regis Salon
Crazy 8
Payless Shoe Source
Unknown
Vacant
Sbarro
Unique Jasmine
Tpartea
Shogun Fresh Japanese
Subway
Food Court
Century Theaters

Mall Section D (Purple)
Unknown
Fantasy Jewels
Brow Arc
Lids
Gloria Jean's Coffees
Claire's
Forever 21
Shirtique
Salt Tree
US Bank
H&M

Mall Section C (Orange)
Roadside BBQ
Panera Bread
European Wax Center
Berry Twist
Vacant
GNC
GameStop
Wetzel's Pretzels
Vacant
Vacant
Bath & Body Works
PacSun
Tilly's
Vacant
Vans
Foot Locker
Lenscrafters
Shiekh Shoes
Vacant (former Jenuine)
Vacant
Vacant
Northgate Beauty Shop and Salon
Applebee's
BJ's Restaurant and Brewhouse
Chipotle
T-Mobile
Peet's Coffee & Tea
Panda Express
Tomatina
Rooster's Men's Grooming
Verizon
Sole Desire
Fingers and Toes

Most of these businesses are not of the type that historically have stored, distributed or disposed of small or large quantities of hazardous wastes unless such material was included in a retail product the store was selling and had to be disposed because it was damaged or expired. As observed during site reconnaissance, hydraulic oils in trash and cardboard compactors/bailers are present (see Section 7). Staining observed on concrete and asphalt pavement at the base of compactors and waste grease containers and refuse dumpsters were typically *de minimis* in nature. However, potential environmental conditions of unknown nature and extent were identified in three general areas of the Subject Property and are discussed in more detail in Sections 3, 5, and 7 of this report:

- Sears Appliance Service Center (standalone building)
- Sears Department Store (south end of main mall building in the basement area)
- Sears Automotive Center (standalone building)

2.3 Adjoining Properties and Surrounding Vicinity

A generalized description of the adjacent land use for the Subject Property is as follows:

North: Las Gallinas Avenue, beyond which are several professional buildings that include offices, banks, a 76 gas station at 921 Del Presidio Boulevard, and a Valero gas station at 930 Del Presidio Boulevard. Two additional gas stations are located north of these two gas stations mentioned, Chevron gas station at 949 Del Presidio Boulevard and Shell gas station at 950 Del Presidio Boulevard.

East: Las Gallinas Avenue, beyond which an office building, a bank, a cemetery, a tire & brake shop, and a strip mall that includes a hobby shop and a CVS pharmacy.

South: Northgate Drive, beyond which are an assisted living facility, an office building and residential dwellings.

West: Northgate Drive, beyond which are office buildings and residential housing.

Illustration 4 shows adjacent land use.



Illustration 4. Land Use Adjacent to the Subject Property

2.4 Environmental Setting

This section describes the geologic and hydrogeologic features in the region surrounding and beneath the Subject Property.

2.4.1 Regional Geology

The Subject Property is located in the Coast Ranges on the west side of San Pablo Bay approximately 42 feet above mean sea level. The Subject Property and most of the surrounding area generally slopes downward to the northeast and east.

The Subject Property is reported to be underlain by Tertiary-age strata (EDR, 2016). Subsurface soils within the upper approximately 23 feet beneath the Subject Property are reported to consist of alluvium that includes silt, sand, clay, with gravel (Sigma Engineering, Inc., 2009). The United States Department of Agriculture, Soil Conservation Service describes soils in the vicinity of the Subject Property as urban land (EDR, 2016).

2.4.2 Hydrogeologic Information

Limited groundwater information for the Subject Property and surrounding area was provided in EDR GeoCheck - Aquiflow Information System (Aquiflow). Various directions of groundwater flow at select sites from 1/4 to 1/2 mile from the Subject Property were found in reports submitted to regulatory agencies, including towards the southwest, toward the northwest, and varied, as reported by EDR (*Appendix A*). Due to the varying hydrogeology of the area, groundwater flow is likely varied in different areas of the Subject Property. The topographic gradient in much of the Subject Property vicinity appears generally inclined downward to the north-northeast.

Based on a review of the California Regional Water Quality Control Board's (RWQCB) Geotracker web site (2016), the depth to ground water across Las Gallinas Boulevard adjacent to the north of the Subject Property has varied from about 0.60 feet below ground surface (ft bgs) to almost 28 ft bgs (data from former Exxon site at 930 Del Presidio Blvd.).

Surrounding sites that have had releases to groundwater are evaluated based on their potential to impact the Subject Property. Sites that are hydraulically crossgradient or downgradient of the Subject Property and have been identified as a release source are considered to have a low potential to impact the Subject Property in most cases. Sites that are immediately adjacent to or hydraulically upgradient of the Subject Property have a higher potential to impact the Subject Property. Sites are discussed and evaluated in Section 3 whether they were determined to likely be upgradient, crossgradient, or downgradient from the Subject Property.

2.5 Public Water Wells

According to the EDR GeoCheck (*Appendix A*), Federal United States Geological Survey (USGS) well information does not list public water supply wells within one mile of the Subject Property (*Appendix A*). No state of California or public water supply wells were identified within one mile of the Subject Property (*Appendix A*).

2.6 Oil and Gas Wells

The “EDR GeoCheck” (*Appendix A*) state oil/gas well information lists no permitted oil or gas wells within a one-mile radius of the Subject Property.

TOR’s review of the California Department of Conservation’s Division of Oil, Gas & Geothermal Resources (DOGGR) Well Finder website indicates no permitted oil, gas or geothermal wells are located within a 1/2 mile radius of the Subject Property (*Illustration 5*).

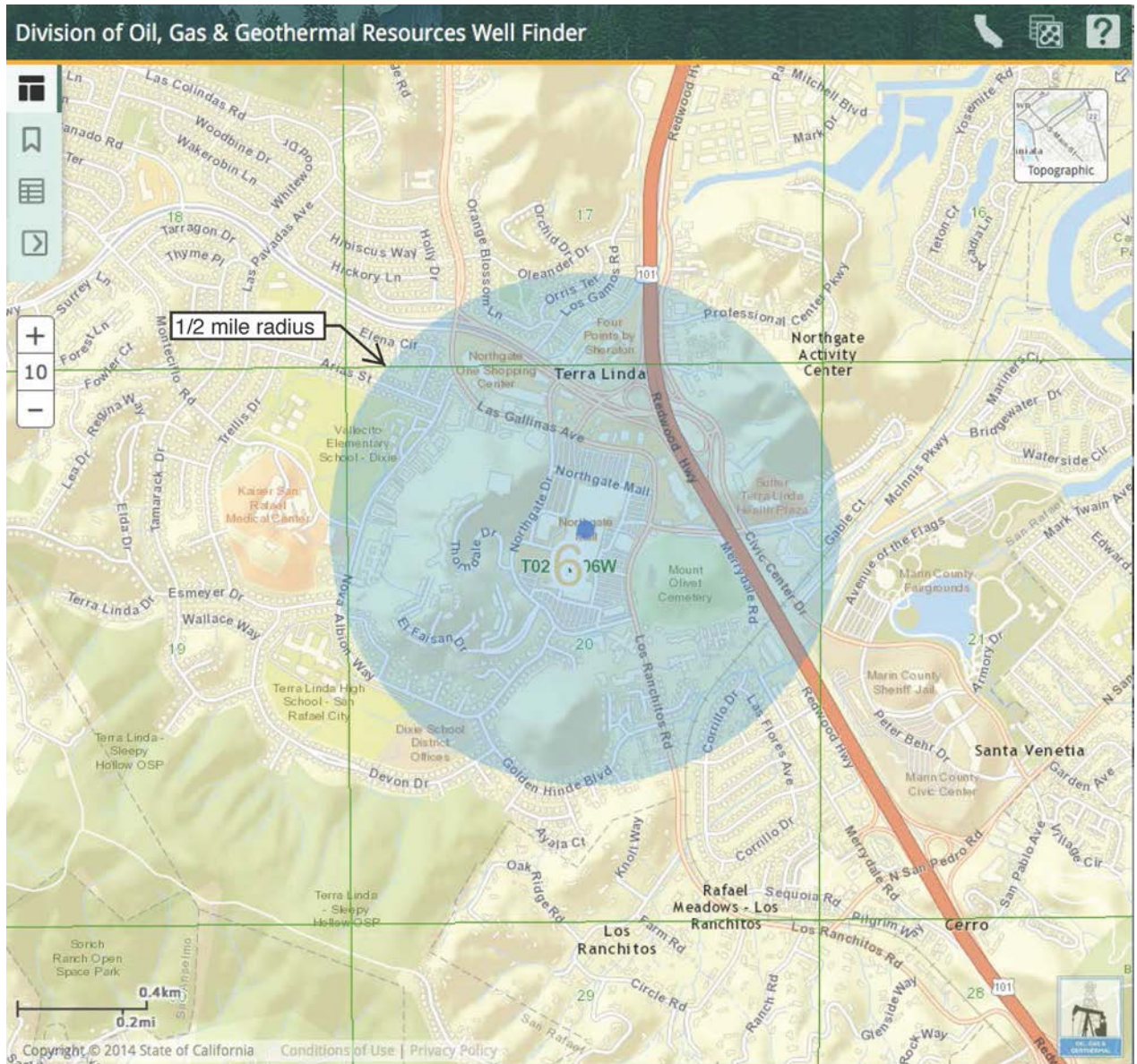


Illustration 5. California Division of Oil, Gas, and Geothermal Resource map showing no oil wells within 1/2 mile of the Subject Property.

Section 3: Government Database Review

A review of federal, state, and tribal environmental databases related to the Subject Property and surrounding area in accordance with ASTM E1527-13 search radius was conducted to identify potential *RECs*, *HRECs*, *CRECs*, and *Notable Findings*. Properties listed have, or might have, the potential for existing or future site contamination, environmental liabilities, or the potential for contamination migration to surrounding areas. Information from these various databases was compiled by EDR and presented in the Radius Map Report (*Appendix A*).

Government database listings reviewed during this Phase I ESA included, but were not limited to:

- USEPA National Priorities List (NPL) within a 1-mile radius;
- USEPA Comprehensive Environmental Response, Compensation, and Liability Information System, which was converted to the Superfund Enterprise Management System (SEMS), sites within a 1/2-mile radius;
- USEPA Comprehensive Environmental Response-No Further Remedial Action Planned (SEMS-ARCHIVE) sites within a 1/2-mile radius;
- USEPA Corrective Action Report (CORRACTS) sites within a 1-mile radius;
- USEPA Resource Conservation and Recovery Act-Treatment, Storage, and Disposal Facilities List (RCRA-TSDF) sites within a 1/2-mile radius;
- USEPA "RCRA-Large Quantity Generator" (RCRA-LQG) within a 1/4-mile radius;
- USEPA "RCRA-Small Quantity Generator" (RCRA-SQG) within a 1/4-mile radius;
- USEPA "RCRA-Conditionally Exempt Small Quantity Generator (RCRA-CESQG) within a 1/4-mile radius;
- USEPA Facility Index System/Facility Registry System (FINDS) for the Subject Property only;
- USEPA Emergency Response Notification System (ERNS) sites within the target property;
- California EnviroStor Database (ENVIROSTOR) sites within a 1-mile radius;
- California Calsites Database (HIST CAL-SITES) sites within a 1-mile radius;
- California Bond Expenditure Plan (CA BOND EXP. PLAN) sites within a 1-mile radius;
- California Waste Management Unit Database System (WMUDS/SWAT) within a 1/2-mile radius;
- California Cortese (HIST CORTESE) within a 1/2-mile radius;
- California Leaking Underground Storage Tank (LUST) within a 1/2-mile radius;

- California Facility Inventory UST Database (CA FID UST) within a 1/4-mile radius
- California Spills, Leaks, Investigation and Cleanups (SLIC) sites within a 1/2-mile radius;
- California Underground Storage Tanks (UST) within a 1/4-mile radius;
- California Hazardous Substance Storage Container (HIST UST) within a 1/4-mile radius;
- California Statewide Environmental Evaluation and Planning System (SWEEPS UST) within a 1/4-mile radius;
- California Hazardous Material Incident Report System (CHMIRS) for the Subject Property only;
- California 65 Notification Records (NOTIFY 65) within a 1-mile radius;
- California Voluntary Cleanup Program Properties (VCP) within a 1/2-mile radius;
- California Cleaners (DRYCLEANERS) within a 1/4-mile radius;
- Emissions Inventory Data (EMI) for the Subject Property only;
- NPDES Permits Listing (NPDES) for the Subject Property only;
- Enforcement and Compliance History Information (ECHO) for the Subject Property only; and
- California Facility and Manifest Data (HAZNET) for the Subject Property only.
- Other Ascertainable Records as detailed in *Appendix A*;
- EDR Proprietary Records.

The full list of databases compiled, along with definitions for each, is included in *Appendix A*. The database listings record activities associated with hazardous substances, but are not of themselves indicative of contamination or the threat of contamination. Topography analyses suggest that groundwater flows to the north east and east under the Subject Property. Sites located hydraulically crossgradient or downgradient or in areas separated from the Subject Property by a topographic ridge or river channel (drainage divide) in relation to the Subject Property are not necessarily discussed in the report but are included in *Appendix A*.

3.1 Subject Property Summary

The Subject Property was listed on the following environmental databases searched as a part of this Phase I ESA (*Appendix A*).

1000 Northgate (1000 Northgate Shopping Center)

Site A22, Macy's West Stores Inc., 1000 Northgate, is included on the federal cross-referencing Facility Index System (FINDS), which notes an unspecified air emissions listing.

Unmapped, Macy's West Inc. Northgate, 1000 Northgate Shopping Center, is included on the Orphan Summary of unmappable regulatory listings. The summary reports this facility is included on the California Department of Toxic Substances Control's Facility and Manifest Data (HAZNET) regulatory agency database listing. No other information is provided.

1500 Northgate Drive (1500 Northgate Mall)

Site C31, Rite Aid #5958, 1500 Northgate Mall, is included on the federal Resource Conservation and Recovery Act-Large Quantity Generator (RCRA-LQG) and the cross-referencing Enforcement and Compliance History Online (ECHO) and FINDS regulatory agency database listings. The primary RCRA-LQG listing describes that from 1995 to 2006 this facility had been a small-quantity generator of hazardous wastes with no reported violations. In 2014, it was listed as a large-quantity generator of waste including ignitable, corrosive and pharmaceutical wastes. There were no reported violations.

Site C32, Rite Aid #5958, 1500 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describes that between 1995 and 2014, mostly photo-processing and pharmaceutical waste was removed from the facility under manifest procedures.

Site 33, Rite Aid #5958, 1500 Northgate Drive, is included on the HAZNET regulatory agency database listing. This listing describes that between 2012 and 2014, additional, mostly photo-processing and pharmaceutical waste was removed from the facility under manifest procedures.

Site C35, Payless Drugs #4372, 1500 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describes that between 1993 and 1995, mostly photo-processing and pharmaceutical waste was removed from the facility under manifest procedures.

Site C36, 1500 Northgate Mall, is included on the California Hazardous Materials Incident Reporting System (CHIMRS) regulatory agency database listing. This listing describes that during 1997, "a photo shop employee poured photo chemicals down a drain, when the drain became clogged Drano was poured in to unclog the drain. A chemical reaction occurred. Cleanup completed."

Site C37, Rite Aid #5958, 1500 Northgate Mall, is included on the federal RCRA-LQG regulatory agency database listings. This listing describes this facility as a large-quantity generator of waste including ignitable, corrosive and pharmaceutical wastes in 2013, with no reported violations.

3840 Northgate Drive

Site A13, Lens Crafters #793, 3840 Northgate Drive, is included on the HAZNET regulatory agency database listing. This listing describes small quantities of organic solids removed under manifest procedures during 2006 and 2007.

5010 Northgate Mall

Site A8, Kohl's Department Stores Inc., #1379, 5010 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describes that 0.1335 tons of latex waste and 0.045 tons of adhesives were removed under manifest procedures during 2014.

Site A9, Mervyn's, 5010 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describe that 0.16 tons of oil-containing waste was removed under manifest procedures during 2006.

Site A10, Mervyn's Store #146, 5010 Northgate Mall, is included on the California Air Pollution Control District's Air Emissions Inventory (EMI) regulatory agency database listing. This listing describe that during 2008, the most recent year reported, some organic hydrocarbon gases, reactive organic gases, carbon monoxide, oxides of nitrogen and sulfur, and particulate matter were emitted in to the atmosphere.

Site A11, Mervyn's Store #146, 5010 Northgate Mall, is included on the federal cross-referencing FINDS. This listing also describes the EMI listing summarized above under Site A10.

Site A12, Mervyn's Store #146, 5010 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describe that at least 3.26928 tons of oil-containing waste removed under manifest procedures during 2009.

Site A20, Mervyn's, 5010 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describes 0.41 tons of oil-containing waste removed to a recycler under manifest procedures during 2006.

Site A23, Kohl's Department Stores, 5010 Northgate Mall, is included on the EMI regulatory agency database listing. This listing describe that during 2012, the most recent year reported, 0.001 tons of oxides of were emitted in to the atmosphere.

5025 N. Gate Mall

Site A21, KB Toys, 5025 N. Gate Mall, is included on the HAZNET regulatory agency database listing. This listing describes that 0.8428 tons of asbestos-containing waste were removed to a landfill under manifest procedures during 1999. This listing is consistent with interior renovation debris.

5600 Northgate Mall

Site A16, Expressly Portraits, 5600 Northgate Mall, is included on the federal Resource Conservation and Recovery Act-Small Quantity Generator (RCRA-SQG), ECHO, and FINDS regulatory agency database listings. The primary RCRA-SQG listing describes this facility as a small-quantity generator of hazardous wastes with no reported violations.

Site A18, Expressly Portraits, 5600 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describes 0.1042 tons of photochemical waste removed under manifest procedures during 1993.

Site A19, The Picture People Inc. #6, 5600 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing includes 10.14 tons of photochemical waste removed under manifest procedures during 2002.

5800 Northgate Drive (5800 Northgate Mall or 5800 Northgate Mall Drive)

Site A1, Walden Book Company, 5800 Northgate Drive Space 83, is included on the HAZNET regulatory agency database listing. This listing describe that 0.02 tons of oil-containing waste was removed under manifest procedures during 1997 and transported to a Marin County transfer station. This listing does not represent a *REC* for the Subject Property.

Site A2, Macerich, 5800 Northgate Mall Drive, is included on the EMI regulatory agency database listing. This listing describe that during 2014, the most recent year reported, some organic hydrocarbon gases, carbon monoxide, oxides of nitrogen and sulfur, and particulate matter were emitted into the atmosphere.

Site A3, Northgate Mall, 5800 Northgate Mall, is included on the Federal Emergency Response Notification System (ERNS) regulatory agency database listing. This listing describe that a Pacific Gas and Electric subsurface transformer leaked 125 gallons of mineral oil into a subgrade vault during 1997. The specific location of this potentially polychlorinated biphenyl (PCB)-containing transformer is not reported. See Site A4 for more information.

Site A4, Northgate Mall, 5800 Northgate Mall, is included on the RCRA-SQG, ECHO, FINDS, and CHMIRS regulatory agency database listings. The RCRA-SQG listing describes this facility as a small-quantity generator of hazardous wastes with no reported violations. The CHMIRS listing describes a 1997 release of 125 gallons of transformer oil that leaked into a utility vault that was contained and cleaned by Pacific Gas & Electric, the local utility provided. This listing appears to be the same incident also reported above under Site A3.

Site A5, Northgate Mall, 5800 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describes that 27.2 tons of asbestos-containing waste and 1.6856 tons of other inorganic waste were removed under manifest procedures during 2008. The asbestos-containing waste is consistent with building renovation debris.

Site A6, Northgate Mall, 5800 Northgate Drive, is included on the HAZNET regulatory agency database listing. This listing describes that 0.03336 tons of alkaline solutions, 0.0625 tons of paint sludge and 0.015 tons of surplus organics were removed under manifest procedures during 2014.

Site A7, Renovation of the Mall at Northgate, 5800 Northgate Mall, is included on the National Pollution Discharge Elimination System (NPDES) regulatory agency database listing. This listing describes construction during 2008-2010.

7120 Northgate Mall

Site B17, Ritz Camera Center #267, 7120 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describes 2.5 tons of alkaline metal sludge removed under manifest procedures during 1993.

8108 Northgate Mall

Site A14, Sears Roebuck & Company, 8108 Northgate Mall, is included on the federal Resource Conservation and Recovery Act-Small Quantity Generator regulatory agency database listing. The RCRA-SQG listing describes this facility as a small-quantity generator of hazardous waste consisting of ignitable waste, and lead, benzene and tetrachloroethylene-impacted materials. There are no reported violations.

Site A15, Sears Roebuck & Company, 8108 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describes 0.07 tons of hydrocarbon solvents (benzene, hexane, Stoddard) and 0.66 tons of oxygenated solvents (acetone, butanol, ethyl acetate) removed under manifest procedures during 2004 and 2008, respectively.

8985 Northgate Mall

Site B29, Fairfax French Cleaners, 8985 Northgate Mall, is included on EDR's proprietary listing of Historical Cleaners. This listing describes Fairfax French Cleaners, Inc. occupying this facility in 2003 and 2004. This apparently was an address for a former tenant at the Northgate Mall, its exact location is not known.

9000 Northgate Mall

Site B24, Jiffy Lube #1590, 9000 Northgate Mall, is included on the state Aboveground Storage Tank (AST) and FINDS regulatory listings. The AST listing describes a total of 2,100-gallon capacity of unspecified material. The Sears Department Store and former Sears Appliance Service Center also currently bear the address 9000 Northgate Drive. However, according to the 1999 and 2003 EDR City Directory Report, which lists "Jiffy Lube at Sears Auto Ctr" at 9000 Northgate Mall, Jiffy Lube likely occupied at least a portion of the Sears Automotive Center building rather than a separate location on the site.

Site B25, Flamingo Properties/Jiffy Lube #1590, 9000 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describes that between 1996 and 2005, about 26 tons of mostly oil-containing waste removed from the facility under manifest procedures. As described in Site B24, the former Jiffy Lube likely occupied at least a portion of the Sears Automotive Center building.

Site B26, Sears Automotive Center/Jiffy Lube, 9000 Northgate Mall, is included on EDR's proprietary listing of Historical Auto Stations. This listing describes the presence of an auto station at this address occupied by Sears Automotive Center in 1999 and 2009 to 2010, and Jiffy Lube in 2000, 2002, 2003, and 2007. As described in Site B24, the former Jiffy Lube likely occupied at least a portion of the Sears Automotive Center building.

Site B27, Sears #1528, 9000 Northgate Mall, is included on the State Water Resources Control Board's (SWRCB) Historical Underground Storage Tanks (HIST UST) and EMI regulatory agency database listings. The historical UST listing describes seven hazardous substance storage containers installed during 1972. According to the SWRCB documentation, dated 1 June 1988, four of these hazardous substance storage containers were tanks which contained product (not motor vehicle fuel or waste oil), one 500-gallon tank contained waste oil, one tank contained waste (not motor vehicle fuel or waste oil), and one container was a sump which contained waste (not motor vehicle fuel or waste oil). Only the capacity of the waste oil tank of 500-gallons was reported. The sump was possibly referring to the oil-water separator or clarifier still present at the Sears Automotive Center. The Sears Department Store and former Sears Appliance Service Center also currently bear the address 9000 Northgate Drive and it is unclear where on the Sears parcel (APN 175-060-40) these seven storage containers were located.

Some but perhaps not all of the USTs can be attributed to the Sears Automotive Center and former gasoline station which was located just north of the Sears Automotive Center. Two gasoline USTs were removed from the former fuel station north of the Sears Automotive Center prior to the dispenser islands and product line removal in 1994, as reported in the "*Dispenser Island and Product Line Removal Report*" by Fluor Daniel GTI dated 1 July 1996. (Fluor Daniel GTI, 1996). As of 1999, the SRFD was reviewing the request for closure for the gasoline tank removal, but had not issued a No Further Action (NFA) designation. Inquiry was made to the SRFD during this report preparation and they responded that they no longer performed oversight for this site in regards to the case and had no record of any NFA designation. **The open regulatory UST closure investigation is a REC for the Subject Property.**

San Rafael Fire Department (SRFD) records were requested and online records searched for confirmation of any USTs removed from the Subject Property. For 9000 Northgate Drive, even though there is a permit application to remove three tanks, only one tank was documented to have been observed during removal by the SRFD on 26 January 1987. This removed UST was a 500 to 550-gallon waste oil UST. The permit application states there are two other USTs for bulk oil (new oil) storage with capacities of 500 and 1000 gallons. It is unclear whether the SWRCB records document underground storage tanks or above ground storage tanks, the type of "product" contained, the exact locations, or capacities of said tanks. At the time of this report, there are no known underground storage tanks existing on the Subject Property. **The lack of documentation of the disposition of the seven storage containers, either ASTs or USTs, is a data gap and therefore a REC for the Subject Property.**

The EMI listing reports air emissions from 2006 to 2014. It describes that during 2014, the most recent year reported, 0.0129 tons of total organic hydrocarbon gases were emitted in to the atmosphere.

Site B28, Sears Automotive Center, 9000 Northgate Drive, is included on EDR's proprietary listing of Historical Automotive facilities. This listing describes this facility as occupied by Sears Automotive Center in 2011.

Site B30, Sears Roebuck & Company, 9000 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describes that from 1993 to 1994 about 7.15 tons of waste was removed under manifest procedures.

Site B34, Sears Roebuck & Company, 9000 Northgate Mall, is included on the HAZNET regulatory agency database listing. This listing describes that 0.43 tons of PCB-containing waste was removed under manifest procedures during 1995. This listing may indicate removal of lighting ballasts or other potential PCB sources such as onsite transformers managed by the utility.

Site E41, Jiffy Lube at Sears Auto Center, 900 Northgate Drive, is included on EDR's proprietary listing of Historical Auto Stations. This listing describes the presence of an auto station at this address occupied by Jiffy Lube in 2004 and 2005. The address was likely typed incorrectly and should have been 9000 Northgate Drive. As described in Site B24, the former Jiffy Lube most likely occupied at least a portion of the Sears Automotive Center building.

3.2 Surrounding Property Summary

The purpose of this portion of the assessment is to screen those sites in the vicinity of the Subject Property where hazardous substances have contaminated groundwater and evaluate their potential to impact the Subject Property based on the direction of groundwater flow. As such, government environmental databases are reviewed for information suggesting a potential for impact to the Subject Property. Where appropriate and available, background reports are reviewed and considered in the evaluation.

Definitions for each of the database lists as well as further details, explanations and summaries are included above and in *Appendix A*. Facility information including distance from the Subject Property and location with respect to local topographic gradient are also provided.

Adjacent sites, nearby open sites, and sites located west and south of the Subject Property are assumed to be upgradient and are discussed further below. Sites to the north and east of the Subject Property are considered downgradient based on investigations completed at LUST sites across Las Gallinas Avenue north of the Subject Property. Those sites with releases to the subsurface or having features of concern (such as multiple USTs or dry cleaning operations) are discussed further below. *Illustration 6* shows a map of the surrounding sites identified in the EDR Radius Map Report.

921-929 Del Presidio Blvd.

Site E42, Terra Linda Car Wash, 921 Del Presidio Boulevard, across Las Gallinas Avenue north adjacent to and (downgradient) of the Subject Property is listed on the UST database. It was listed with two USTs containing motor vehicle fuel, inspected in 2008. No other information is provided.

Site E43, ConocoPhillips, 921 Del Presidio Boulevard, is included on the state Leaking Underground Storage Tank (LUST) regulatory agency database listings. The LUST listing describes a release of gasoline and diesel to non-drinking groundwater which was granted a No Further Action (NFA) status in 2010 (Global ID: T0604141609; SFB-RWQCB, 2010). Some residual impacts are reported to remain in place, and the authorities must be consulted before a land use change. Although some residual contaminants remain, based on the resolved regulatory status, its distance, and downgradient location, this facility appears unlikely to have impacted the Subject Property.

Sites E54, E55, E56, and E57, Unocal Service Station #4774/Union Oil SS 4774, 929 Del Presidio Boulevard, is included on the LUST, Hazardous Waste & Substances Site List (HIST CORTESE), RCRA-LQG, HIST UST, Statewide Environmental Evaluation and Planning System UST List (SWEEPS UST), and SWRCB Facility Inventory Database (CA FID UST) database listings. The LUST listing describes a release of oil to non-drinking groundwater which shows a status of "Completed-Case Closed" in 1996 (Global ID: T0604100148). Additional information is not reported. However, some residual impacts may remain in place, and regulatory authorities would likely need to be consulted before a land use change. Although some residual contaminants may remain, based on the resolved regulatory status, its distance, and downgradient location, this facility appears unlikely to have impacted the Subject Property.

930 Del Presidio Blvd.

Site F44, Valero Refining Co Cal No 77067, 930 Del Presidio Boulevard, across Las Gallinas Avenue adjacent to the north (downgradient) of the Subject Property is listed on the RCRA-SQG database.

Sites F45, F46, and F48, Exxon Co. USA #77067/Exxon Service Station 7-7067, 930 Del Presidio Boulevard, is included on the LUST, SWEEPS UST, HIST UST, CA FID UST, CHMIRS, HIST CORTESE, RCRA-LQG, and Active UST Facilities (UST) database listings. The LUST listing describes a release of gasoline to non-drinking groundwater which was granted an NFA status in 2009 (Global ID: T0604100047; SFB-RWQCB, 2009). Some residual impacts are reported to remain in place, and the authorities must be consulted before a land use change. Although some residual contaminants remain, based on the resolved regulatory status, its distance, and downgradient location, this facility appears unlikely to have impacted the Subject Property.

Site F47, Brendels Exxon Service/Northgate Exxon/Northgate Valero & Food Mart, 930 Del Presidio Boulevard is listed on the EDR Historical Auto Stations (EDR HIST AUTO) from 1999 through 2012.

950 Del Presidio Blvd.

Sites E49, E50, E51, E52, and E53, Shell/Northgate Shell/Shell Oil Products SAP 136047/William Baugh Northgate Shell, 950 Del Presidio Boulevard, about 150 feet to the north (downgradient) of the Subject Property, is included on the LUST, HIST CORTESE, SWEEPS UST, CA FID UST, RCRA-SQG, HIST UST, and UST database listings. The LUST listing describes a release of gasoline to non-drinking groundwater which was granted an NFA status in 2014 (Global ID: T0604100126; SFB-RWQCB, 2014). Some residual impacts are reported to remain in place, and the authorities must be consulted before a land use change. Although some residual contaminants remain, based on the resolved regulatory status, its distance, and crossgradient location, this facility appears unlikely to have impacted the Subject Property.

949 Del Presidio Blvd.

Sites E60, E61, E62, E63, E64, E65, and E66, Chevron Stations/Sabaca Chevron/Parkway Chevron/Ron Sabaca Chevron Service 2/Chevron #3553/Chevron #93553, 949 Del Presidio Boulevard, about 300 feet to the north (downgradient) of the Subject Property, is included on the LUST, EDR HIST AUTO, HIST CORTESE, SWEEPS UST, RCRA-LQG, HIST UST, CA FID UST, and UST database listings. The LUST listing describes a release of gasoline to non-drinking groundwater which was granted an NFA status in 2014 (Global ID: T0604100157; SFB-RWQCB, 2014). Some residual impacts are reported to remain in place, and the authorities must be consulted before a land use change. Although some residual contaminants remain, based on the resolved regulatory status, its distance, and down gradient location, this facility appears unlikely to have impacted the Subject Property.

412 Las Gallinas Ave.

Site D39, Kerns & Walker Cleaners, 412 Las Gallinas Avenue, formerly located in the strip mall across the street from and downgradient of the Subject Property, is included on EDR's proprietary listing of Historical Cleaners (EDR HIST CLEANER). This listing describes Kerns & Walker Cleaners, Inc. occupying this facility in 2004. Based on its distance and down gradient location, this facility appears unlikely to have impacted the Subject Property.

Other sites identified in the EDR report, either due to distance, direction or nature of listing, appear unlikely to be sources of migrating constituents of potential concern to the Subject Property and therefore don't appear to represent *RECs*.

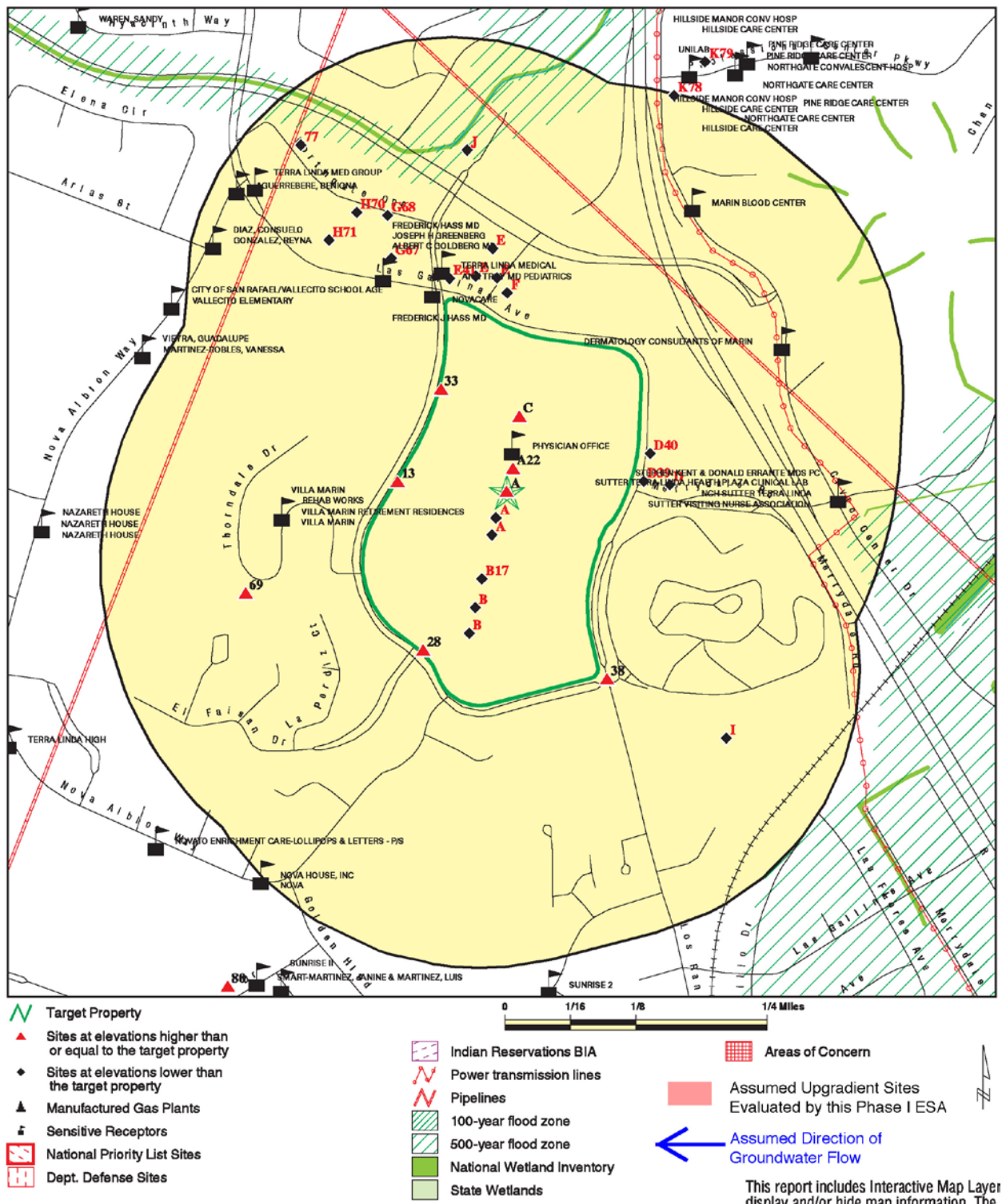


Illustration 6. Map of Surrounding Sites Identified in the EDR Radius Map Report

Section 4: Historical Use

4.1 Historical Aerial Photographic Review

Historical aerial photographs of the Subject Property and surrounding area were obtained from EDR. Photographs from 1946, 1952, 1963, 1968, 1974, 1982, 1993, 2005, 2006, 2009, 2010 and 2012 were reviewed by TOR (*Appendix B*). The composite historical timeline in Section 4.6 contains a summary of the observations made from those aerial photographs.

4.2 Sanborn Fire Insurance Maps

The Sanborn Fire Insurance Maps consist of a uniform series of large-scale detailed maps, dating from 1867 through 1969 depicting the commercial, industrial, and residential sections of cities. A search of the Sanborn Fire Insurance Maps was conducted for the Subject Property and coverage of the Subject Property was not identified (*Appendix C*).

4.3 City Directory

City directories have been published for many cities and towns across the United States since the 18th century. For every address within an area, city directories list the name of each resident or, if a business operates from that address, the name, and sometimes, the type of business. While the geographic coverage of city directories is comprehensive for most major cities, many rural areas and small towns may not be included. In addition, many towns and cities have discontinued the practice of issuing city directories.

Appendix D contains an abstract of historical city directory listings that was provided by the database search firm, which spans the years 1975 to 2013. The composite historical timeline in Section 4.6 contains a summary of the information in that abstract. According to the City Directory, the addresses of the mall tenants appear to change over time. Most tenants used to have an individual numbered address, where currently most have the address of 5800 Northgate Drive and a suite number. Because of this there is some uncertainty as to the identification of previous tenants and their locations in the mall. This is the case with a listed dry cleaner at 8985 Northgate Mall Drive. No specific location for the reported business was found.

4.4 Topographic Maps

Historical topographic maps of the Subject Property and surrounding area were obtained from EDR. Maps from 1914, 1941/1942, 1950/1954, 1968, 1980 and 2012 were provided to and reviewed by TOR (*Appendix E*). The composite historical timeline in Section 4.6 contains a summary of the observations made from those topographic maps.

4.5 Other Historical Records

Other historical records reviewed include tax assessor information and historical information obtained from User provided documents. A 256 page building permit records file was provided by EDR. A review did not reveal additional issues of concern. The EDR Building Permit Report is in *Appendix G*.

4.6 Composite Historical Timeline

Year	Source	Discussion
1914	Topographic Map	The Subject Property and immediate vicinity appear undeveloped. A road is shown in the approximate current alignment of State Highway 101, about 200 feet to the east of the Subject Property. Railroad tracks are shown in their approximate current alignment several hundred feet to the southeast of the Subject Property.
1941-1942	Topographic Map	Unpaved driveways to Freitas Ranch are presently close to the northern perimeter of the Subject Property. Otherwise the Subject Property continues to appear undeveloped. A road in the approximate current alignment of part of Las Gallinas Avenue is present adjacent to the east of the Subject Property. Mount Oliver Cemetery is present on a small hill across Las Gallinas Avenue to the southeast of the Subject Property.
1946	Aerial Photograph	The Subject Property appears to be grazing land with low, sparse vegetation. It is not otherwise developed. What appears to be a cattle feeding station is located across the road to the east of the Subject Property.
1950-1954	Topographic Map	The Subject Property and immediately area appear similar to the previously reviewed 1941-1942 topographic map.
1952	Aerial Photograph	The Subject Property and immediately area appear similar to the previously reviewed 1946 Aerial Photograph.
1963	Aerial Photograph	The Subject Property has been cleared of vegetation, graded and the current Macy's building is under construction on its northern portion. Las Gallinas Avenue has been extended eastward along the Subject Property's northern perimeter. And a road, in the current alignment of a portion of Northgate Drive is adjacent to the south of the Subject Property. Across this road to the south are residential dwellings.

Year	Source	Discussion
1968	Topographic Map and Aerial Photograph	The Subject Property is shown to be developed with most of the current buildings and roadways. Northgate Drive now appears to extend along the western perimeter of the Subject Property. The area adjacent to the north of the Subject Property appears developed with the current service stations.
1974	Aerial Photograph	The Subject Property appears further developed with new buildings in the locations of the current Sears appliance and automotive centers.
1975	City Directory	<p><u>Subject Property</u> Northgate Mall: 1000 Emporium Marin 2000 Florsheim Shoe 2001 Gay Nineties Barber, Sunshine Hair Co 2050 Oxford Shop 2200 Hastings 2300 Gallenkamp Stores 2400 Granat Bros Jeweler 2440 Davids 2450 Zanzas 2460 Lore Jan 2500 Bank of Amer NT&SA 2600 Motn Pictre Projctn, Northgate Theatre 2650 Slone W&J 2700 Bathtique 2750 Designs for Living, Interior Systems 3100 Milens Jewelers 3200 Good Vis 3250 Gloria M Figr Cntrl, Marshall G Figr Sln 3310 Musicland 3320 Bella Boutique 3330 Coffee Etc 3400 Singer Company The 3500 Crystal Room Lng 3600 Lady Bug Coiffeurs 3700 Leeds Shoe Store 3800 Livingston Bros 3900 Sommer & Kaufmann 4000 McKenzies 4400 Catania Sound Inc 4700 XXXX 4800 Frank More 4900 Sees Candies Inc 5000 Pay Less Drug Store 5050 Walden Book Store 5100 Stribleys China & Gft</p>

Year	Source	Discussion
1975	City Directory	<p>5200 Mother to Be Matrny 5250 Genl Nutrition Cntr 5300 Elegant Room Intrs 5400 Adriann of Marin 5500 Abbey Gift Shop, Abbey Rent & Sells 5600 American Express Co 5800 M&T Inc., Northgate Mall Mangt 6000 Baldwin Contracting 6010 Regal Shoe Shop 6030 Foxmoor Casuals, Shoe Den, Village Shoe Den 6040 Chandlers Fabrics 6100 Papsies 6140 Kinney Shoe Store 6170 Brentanos 7020 Sherman Clay 7030 De Tour 7050 Accessories Unlmted 7070 Jezebelle 7090 Clocks Plus 7110 Amer Handicrafts 7120 Parklane Hosiery 7260 Clyde Coiffures 7500 Eureka Fdrl Svgs & Ln 9000 Allstate Insurance, Polster Phillip, Sears Roebuck Retl No # Corinthian Holdings, Freds of Marin, Lyons Restaurant, Roos Atkins, United Travel Serv (76 Bus, 3 Res, 19 New)</p> <p><u>Adjacent Properties:</u> 929 Del Presidio: Terra Linda Un Oil 930 Del Presidio: Brendels Exxon Sv, Hertz Rent-a-Car 949 Del Presidio: Harry Sabaca Chevron 950 Del Presidio: Northgate Shell</p>
1980	Topographic Map	The Subject Property appears nearly fully developed as at present.
1980	City Directory	<p><u>Subject Property:</u> Northgate Mall 1000 Emporium Marin, Emporium Maternity, Emporium Womns Wrl, Emporium World Trvl 2000 Florsheim Shoe Shps 2001 Sunshine Hair Co 1 2050 XXXX 2200 Hastings 2300 Gallenkamp Stores 2400 Granat Bros Jeweler 2440 Davids</p>

Year	Source	Discussion
1980	City Directory	<p>2450 Zanzas 2460 Peters Formal Wear 2600 Northgate Theatre 2650 Sloane W&J 2700 Bathtique 2750 Designs for Living 3000 Roos Atkins Travel 3100 Clocks Plus 3200 Good Vis 3250 Gloria Marshall Sln, Marshall G Fgr Slns 3310 Musicland 3320 Bedazzled 3330 Coffee Etc 3400 Henri Fashn Apparel 3500 Artys 3600 Esser Peter Hr Sln 3700 Leeds Shoe Store 3800 Livingston Bros 3900 Sommer & Kaufmann 4000 McKenzies 4700 XXXX 4800 Little Daisy The 5000 Pay Less Drug Store 5050 Walden Book Store 5100 Intl Gifts San Raf 5200 Mother to Be 5250 General Nutrition 5300 Brothers 4 Shop 5400 Adriann of Marin 5500 Abbey Gift Shop, Abbey Medical, Abbey Rents 5600 Amer Express Travel 5800 M&T Inc., Northgate Mall Mng 6000 XXXX 6010 McCurry Camera Str 6030 Shoe Den 6040 Grodins 6080 Foxmoor Casuals 9000 Allstate Ins Co No # Roos Atkins, Zims Restaurants (73 Bus, 5 Res, 15 New)</p> <p>Adjacent Properties: 929 Del Presidio: Terra Linda Un 76 930 Del Presidio: Brendels Exxon Sv 949 Del Presidio: Harry Sabaca Chevron 950 Del Presidio: Northgate Shell</p>

Year	Source	Discussion
1985	City Directory	<p><u>Subject Property:</u> Northgate Mall 1000 Emporium (various department phone numbers) 2000 Florsheim Shoe 2001 Stylon 2050 XXXX 2200 Hastings 2300 Gallenkamp Stores 2400 Granat Bros Jeweler 2440 Davids, Davids Gem Lab, Tsave Intl 2450 Cafe Vienna 2460 Puorro Robert, OD 2461 Puorro Robert, OD 2500 Bank America 2600 Mobilia 2640 Limited The 2650 Best Prod Co Showrm 2700 Bathtique 2750 Designs for Living 3000 XXXX 3100 Clocks Plus 3200 Good Vis 3250 XXXX 3310 Musicland 3320 Zales Jewelers 3330 Coffee Etc 3400 Henri Fashn Apparel 3500 T&Ts Northgate Trvrn 3600 Esser P Bty Wrks, Peter Esser Bty Wrk 3700 Leeds Shoe Store 3800 Livingston Bros 3900 XXXX 4000 Detour Luggage 4400 Abbey Hallmark 4700 XXXX 4800 Little Daisy The 4900 Sees Candies Inc 5000 Pay Less Drug Strs, Pay Less Prscrptns 5050 XXXX 5100 Intl Gifts San Raf 5200 XXXX 5250 Genl Ntrtn Cntr 5300 Brothers 4 Shop 5400 Hickory Farms of Oh 5500 XXXX 5600 Haagen Dazs Ice Crm, Ice Cream Allnc 5800 M&T Properties Inc., Northgate Mall Mng</p>

Year	Source	Discussion
1985	City Directory	<p>6000 XXXX 6010 Americanacents 6030 Pizazz, Pure Fantasy 6040 Grodins 6080 Foxmoor Casuals 6100 AT&T Phone Cntr 6140 Kinney Shoes 6170 Doubleday Bookshop 7020 Crepe Escape 7030 Stribleys Gifts 7050 Calif Cookware 7070 Pantworks 7090 XXXX 7110 XXXX 7114 Hungry House Rest 7120 Body Options, Parklane Hosiery 7260 Clydes Haircare 7440 XXXX 7500 Eureka Fed Svgns & Ln 8000 Somethings Blooming 9000 Allstate Ins Co, Allstate Save Loan, Coldwell Banker, Dean Witter Reynold, Schwimer Glenn Dr, Sears City Svc, Sears Fin Allst Ins, Sears Fin Allst Sav, Sears Fin Caldwell, Sears Fin Dean Wtr, Sears Roebuck Catlg, Sears Roebuck & Co No # Waldenbooks, Zims Restaurant (165 Bus, 12 Res, 28 New)</p> <p><u>Adjacent Properties:</u> 929 Del Presidio: Terra Linda Un 76 930 Del Presidio: XXXX 949 Del Presidio: Chevron Sta Sr, Ron Sabaca Chevron 950 Del Presidio: Northgate Shell</p>
1982	Aerial Photograph	<p>The Subject Property and immediately area appears similar to the previously reviewed 1980 aerial photograph. To the west of the Subject Property a large commercial-appears building is present.</p>

Year	Source	Discussion
1992	City Directory	<p><u>Subject Property:</u> Northgate Mall 1000 Emporium All Dprtmn 1220 Marin Scoops 1230 Candy World 1260 Papyrus 1280 Gloria Jeans Coffee 1290 Topkapi 1500 Pay Less Drug 2000 Woolworths No 2733 2100 Lechters Inc 2180 Casual Corner 2220 Gordons Jewelry 2255 Foot Locker 2400 Granat Bros Jeweler 2450 Wet Seal 2500 Nutri Sys Weight Ctr 2630 Carlson Travel 2640 Gap The, Limited The 2690 Suncoast Motn pctr 2700 Everythings a Dollr 2750 Wall Systems 3020 Strings Psta The 13 3030 Gregory Allen Hair 3040 The Corn Popper 3080 Vogue Alley 3320 Waldenkids 3330 Coffee Etc 3400 Fredericks Hollywd 3450 Petite Sophisticate 3600 Crimpers 3670 Red Boy Pizza 3680 Papital & Co Outlet 3800 Caren Charles 3840 County Seat Stores 3950 The Garage 4050 Wilsons Suede & Lthr 4100 Pac Sunwear of CA 4150 The End Up Frntr 4200 Hudson Goodman 4300 Sports Stuff 4400 Electronics Boutq 4450 Things Remembered 4500 Kay Jewelers 4650 Shoe Stop L&L Rpr 4700 Las Manos 4890 Aladdins Castle 4980 Yogurt World USA</p>

Year	Source	Discussion
1992	City Directory	5010 Mervyns Dept Store 5015 Payless Shoesource 5020 Musicland 5030 Sbarros Ital Eatery 5035 Yes Burgers & Malts 5040 Claires Boutiques 5060 Sees Candies 5151 Cobbie Shop Shop 5200 Mrs Fields Cookies 5250 Naturalizer 5300 Patricia Bath Intrs 5318 Plumb Gold 5320 Intrigue 5330 G&G Home Video GMS 5332 Orange Julius 5336 Monogram Express 5350 Northgate Flower Sh 5400 Prints Plus 5500 Patti Anns Hallmark 5600 Expressly Portraits 5800 Athletes Foot The, Blockbuster Video, CICI, Cards N Such, Lane Bryant, Northgate Mall Mng, Rave No 605, Stride Rite Bootery, Videoconcepts, Warehouse Records, Young at Heart 5820 Friedman Mktg of Ca 5830 McDonalds Rstrnt 5835 Jhan Thong 5840 Taco Bell 5850 Skewers 5860 1 Potato 2 Inc 5870 Moondoggies 5880 Chinese Combo King 6040 C&R Clothiers 6080 Clothes Time The 6100 Radio Shack 6140 Kinney Shoes 6170 Doubleday Bookshop 7020 Deck the Walls 7030 Xtras 7070 Touce of Elegance 7090 Genl Nutrition Cntr 7114 Hungry House Rest 7120 Ritz Camera & Photo 7500 EurekaBank 8950 T Shirts Plus 8960 Favors 8970 Cotton Kids 8985 Fairfax Frnch Lndry

Year	Source	Discussion
1992	City Directory	8990 Lacoquette Nail Cre 9000 Block H&R, Sears Atmtv Sales <u>Adjacent Properties:</u> 930 Del Presidio: Brendels Exxon Serv 949 Del Presidio: Ron Sabaca Chevron
1993	Aerial Photograph	The Subject Property appears developed essentially as at present. The vicinity to the south and west of the Subject Property is mostly residentially developed. To the north and east of the Subject Property is mostly commercially developed.
1995	City Directory	<u>Subject Property:</u> Northgate Mall 1000 Emporium 1210 Ethel M Chocolates 1220 Marin Scoops 1230 Candy World 1260 Papyrus 1280 Gloria Jeans Coffee Bean 1290 Topkapi 1295 Mona Mias Gifts 1500 Pay Less Drug Store 2000 F W Woolworth Co 2150 Household Financo Co 2180 Casual Corner 2450 Rave, Wet Seal Inc. 2620 Liebman, William M, MD 2630 Cruise & Leisure Travel 2640 Gap Store Inc, Limited 2655 Champs Sports 2690 Suncoast Motion Picture Co 2700 Everythings a Dollar 2750 Designs for Living 3000 Occupant unknown 3020 String the Pasta Place 3030 Gregory Allen Hair Design 3040 Shoelehs 3060 Gingiss Formalwear 3070 Occupant unknown, Pearle Vision Ctr 3080 Vogue Alley 3330 Coffee Etc 3400 Fredericks of Hollywood 3450 Petite Sophisticate 3500 All American Printing Svc 3600 Crimpers the Salon 3670 Red Boy Pizza 3680 Ballerini Italian Clothing

Year	Source	Discussion
1995	City Directory	3840 County Seat 3880 Jay Jacobs 3900 Millers Outpost 3950 Garage 4050 Wilsons The Leather Experts 4100 Pacific Sunwear of California 4150 This End Up Furniture Co 4200 Hudson Goodman Jeweler 4400 Electronics Boutique 4450 Things Remembered 4500 Kay Jewelers 4650 Shoe Stop Instant Shoe Repair 4700 Los Manos 4890 Aladdins Castle 4980 Yogurt World USA 5010 Mervyns Department Store 5015 Payless Shoe Source 5020 Musicland 5025 Kay Bee Toy & Hobby Shop 5030 Sbarros 5035 Yes Burgers & Malts 5040 Claire's Boutique 5050 Waldenbooks 5060 Sees Candies 5100 Mill Valley Sheepskin 5151 Cobbie Shoes 5200 Mrs Fields Cookies 5250 Naturalizer Shoes 5300 Patricia T Bath Interiors 5318 Piercing Pagoda 5320 Intrigue Jewelry 5322 De La Pena Sterling Silver 5326 Sunglass Hut 5330 Nintendo Entertainment Ctr 5332 Orange Julius 5336 Novelties Plus 5350 Northgate Flower Shop 5400 Prints Plus 5500 Patty Anns Hallmark 5600 Expressly Portraits 5650 Software Etc 5800 Athletes Foot, Blockbuster Video, Cards N Such, Lane Bryant, Northgate Mall Management, Paradise Bakery, Payless Shoe Source, Sears Hearing Aid Ctr, Steve Zimmerman, Videoconcepts, Waldenbooks, Warehouse Records 5820 Friedman Marketing California

Year	Source	Discussion
1995	City Directory	<p>5830 McDonalds 5835 Jhan, Thong 5850 Skewers 5860 1 Potato 2 5870 Chinese Combo King 6000 B Dalton Bookseller 6080 Clothes Time Inc 6100 Radio Shack 6140 Kinney Shoes 6170 Doubleday Book Shop 7020 Deck the Walls 7090 General Nutrition Ctr 7114 Grill at Northgate 7120 Ritz Camera One Hour Photo 7500 Eureka Bank 8930 Regis Hairstylists 8940 Stride Rite Bootery 8960 Totally Trolls 8970 Cotton Kids 8985 Fairfax French Laundry & Clnrs 8990 La Coquette Nail Care 9000 H&R Block Inc, James T Lentz OD, Sears Roebuck & Co, Sears Tire & Auto Ctr, Tims Car Radio</p> <p><u>Adjacent Properties:</u> 930 Del Presidio Blvd: Brendels Exxon 949 Del Presidio Blvd: Ron Sabaca Chevron Food Mart</p>
1999	City Directory	<p><u>Subject Property:</u> Northgate Mall 1000 Emporium Watch Repair, Macys 1210 Visionary Opticians 1230 Sugar Shack Candy 1260 Papyrus 1280 Gloria Jeans Coffee Bean 1290 Claires Botique 1500 Ajr Watch Repair, Pay Less Drug Stores Prescriptions & Drugs, Rite Aid Express 1 Hour Photo, Rite Aid Pharmacies, Western Union 2180 Gymboree Store the Mall at Northgate 2400 Genl Nutrition Center 2450 Rave 605, Wet Seal Inc. 2620 Liebman, William M, MD 2630 Fitness Wize Inc 2640 Choice Fashions, Gap The 2655 Champs Sports 2670 Dollar Plus 2690 Suncoast Motion Picture Co</p>

Year	Source	Discussion
1999	City Directory	2750 Designs for Living, Modular Designs for Living 3070 Unusual Things 3080 A Childs Delight 3100 Candle House The 3200 Eureka Bank 3310 Radio Shack A Division of Tandy Corp 3330 Coffee Etc 3400 Fredericks of Hollywood 3450 Spaccio 3500 Oreck XL Floor Care Center 3600 Crimpers the Salon 3680 Household Finance Corp 3800 Ups N Downs 3840 Doctors of Optometry, Eyeexam 2000 of California Inc, Lenscrafters 3900 Land of the Sun Imports 4000 Paint the Town Ceramic Studio 4050 Wilsons Suede & Leather 4100 Pacific Sunwear of California 4400 Electronics Boutique 4450 Things Remembered 4500 Kay Jewelers 4650 Shoe Stop Instant Shoe Repair 4890 Aladdins Castle 4980 Yogurt World USA 5010 Mervyns California Department Stores 5015 Payless Shoe Source 5030 Sbarros Italian Eatery 5035 Yes Burgers & Malts 5040 Ricks Hollywood Hideaway 5060 Sees Candies Northgate Mall 5100 Fantasy Jewels 5151 Cobbie Shoe Shop 5200 Mrs Fields Cookies 5250 After Shock 5300 Ecology & Me 5318 Piercing Pagoda 5320 Intrigue Jewelry 5330 Humidor Fine Cigars The 5336 Novelties Plus 5350 Northgate Flower Shop 5400 Prints Plus 5500 Animal Kingdom 5600 Art Cellphone, Expressly Portraits

Year	Source	Discussion
1999	City Directory	<p>5800 AT&T Phone Center Depot, Blockbuster Video, Cards N Such, Cisi, Future Paging & Cellular, Herb Cart, Jurassic Amber Paradise, Lane Bryant Ladies Apprl, Lets Talk Cellular & Wireless, Northgate Mall Stores Speciality Shops & Restaurants, Paradise Bakery, Surf City Squeeze, The Warehouse 5820 Friedman Marketing of California Inc 5830 McDonalds Restaurants 5840 Taco Bell 5850 Skewers 5860 Edo Japan 5870 Combo King Restaurant 7000 Northgate Theatre, Pacific Theatres Northgate 8920 El Cerrito Plaza Stores & Specialty Shops, Occupant Unknown, Toy Symphony 8940 Stride Rite Bootery 8980 Yogurt World USA 8985 Fairfax French Cleaners 1986 Inc 8990 Lacoquette Nail Care 9000 Bernstein Marc, Block H&R Local Offices, Garys Tux Shop, Jiffy Lube at Sears Auto Center, James T Lentz OD, Retail Stores, Sears Auto Center, Sears Roebuck and Company Retail Stores</p> <p><u>Adjacent Properties:</u> 921 Del Presidio Blvd: Terra Linda Unocal 930 Del Presidio Blvd: Brendels Exxon Service, Northgate Exxon 949 Del Presidio Blvd: Chevron Stations, Parkway Chevron Food Mart</p>
2003	City Directory	<p><u>Subject Property</u> Northgate Mall 1000 Macys, Occupant unknown 1210 Occupant Unknown, Visionary Opticians 1260 Occupant Unknown, Papyrus 1280 Gloria Jeans Coffee Bean 1290 Icing 1500 Ajr Watch Repair, Crystal Falls, Rite Aid Express Hour Photo 2000 Occupant unknown, Ollini Furniture 2100 Occupant unknown 2150 Cohen Paul for County Sprvsr 2180 Give Your Dog a Bone, Gymboree Play & Music 2200 Animal Kingdom 2300 Lane Bryant 2400 General Nutrition Ctr, Occupant unknown 2440 Styles for Less 2460 Sunglass Hut International 2620 Josephine Smith, Liebman William M MD 2630 Bali Gardens, Occupant unknown 2640 Choice Fasions, Occupant Unknown, Seog Won Yoo</p>

Year	Source	Discussion
2003	City Directory	2655 Champs Sports 2670 Dollar Plus 2680 DJ Johnston Fine Art 2690 Suncoast Motion Picture Co 2700 As Seen on TV, Occupant Unknown 2725 Au Ntrl Cstmzd Ntrl Nail Care, Occupant Unknown, Serenity Day Spa 2750 Designs for Living, Occupant Unknown 3000 Wendys Old Fashioned Hmbrgr 3020 China Villa 3050 Applebees Grill & Bar, Dollhouse 3080 Land of the Sun Imports, Occupant Unknown 3200 Bay View Bank, Marilyn McClure 3320 A Childs Delight 3330 City Hall at the Mall, Occupant Unknown 3400 Occupant Unknown 3450 Shiekh Shoes 3500 Oreck Floor Care Ctr 3600 Crimpers 3650 Northgate Flower Shop 3670 Roma Pizza 3680 Occupant Unknown, United Studios of Self Defense 3800 Gymbr Store The Mall at Nrthgt, Occupant Unknown 3840 Alan Homes Inc, Drs of Optometry, Lenscrafters, Occupant Unknown 3850 Hilbers Inc 4000 Beauty Store & More, Beauty Store & Salon, Loi Salon, Nails by Susan, Sovannary Hair Station 4100 Pacific Sunwear of California 4200 Merchant Jewelers 4300 Sports Pro 4400 Electronics Boutique 4450 Tea Fountain 4500 Crescent Jewelers, Occupant Unknown 4600 Fresh Bakery & Cafe 4650 Shoe Stop Instant Shoe Repair 4700 Nail Trix 5010 Mervyns California Dept Str 5015 Payless Shoesource 5020 Las Manos 5025 KB Toys 5030 Occupant Unknown 5035 Stars Burgers & Malts 5060 Sees Candies 5100 Occupant Unknown, The Laurel Burch Holiday Store 5150 Prints Plus 5200 Magic Hands Free, Mrs Fields Cookies, Occupant Unknown 5250 Infocus Photography LLC, Wooly Rascals

Year	Source	Discussion
		<p>5300 Journeys, Occupant Unknown 5318 Aydin Sahin 5332 Orange Julius 5350 Occupant Unknown 5600 Art Cellphone, Picture People 5800 American Greeting Store, Bay Art, Blockbuster Video, Cali Wear, Charming Bracelets, Cisi, Future Paging & Cellular, Gingiss Formalwear, Head to Toe, Mobile Systems, Northgate Mall Assocs, Photo Gallery, Service Managemt Systems Store, The Macerich Co, Thousand Charms, Victorias Secret Stores Inc 5820 Carolyn Stephen, Northgate Mall 5830 McDonalds Restaurants 5835 Jhan Thong 5840 Taco Bell 5850 Skewers 5870 Combo King Restaurant 6000 Gap 7000 Northgate Theatre, Pacific Theatres Northgate, Valentin Beltran 8920 Toy Symphony 8930 Regis Salon 8940 Occupant Unknown, Stride Rite Bootery, Stride Rite Childrens Group 8950 Occupant Unknown 8970 Cellular World, Occupant Unknown 8980 Sufian Munir 8980 Yogurt World USA 8985 Fairfax French Cleaners Inc 8990 St Tropez Tanning 9000 H&R Block, Jiffy Lube at Sears Auto Ctr, James T Lentz OD, Marc Bernstein, Miracle Ear at Sears, Sears Roebuck Co</p> <p><u>Adjacent Properties:</u> 921 Del Presidio Blvd: Corte Madera Unocal, Occupant Unknown, Terra Linda 76, Terra Linda Unocal 930 Del Presidio Blvd: Occupant Unknown 949 Del Presidio Blvd: Occupant Unknown, Parkway Chevron</p>
2005	Aerial Photograph	The Subject Property and immediately area appears similar to the previously reviewed 1993 aerial photograph.
2006	Aerial Photograph	The Subject Property and immediately area appears similar to the previously reviewed 1980 aerial photograph.

Year	Source	Discussion
2008	City Directory	<p><u>Subject Property</u> Northgate Mall 1000 Macys, Macys Watch Repair 1210 Visionary Opticians 1230 Discount Best Blinds & Windows 1260 Caspen Inc, Papyrus 1280 Gloria Jeans Coffee 1290 Claires 1295 MJs Leather 2150 Macerich Leasing 2180 Give Your Dog a Bone 2200 United Studios of Self Defense 2220 Picture People Inc 2250 Bath & Body Works 2300 Lane Bryant 2400 General Nutrition Center, GNC 2440 Styles for Less 2460 Sunglasses Hut International 2620 Marin Link 2640 Battens & Boards 2655 Champs Sports, Foot Locker Retail Inc 2670 New Dollar Plus 2680 Artizmo Gallery 2690 Everything Embroideries, Musicland Group 2725 Serenity Day Spa 2750 Designs for Living, Modular Designs Inc 3000 Blockbuster Store, Wendys Old Fashioned Hamburgers 3020 China Villa 3050 Applebees International Inc, The Dollhouse 3080 Land of the Sun Imports 3100 Candle Light 3200 Bay View Bank 3310 Radioshack Corp 3320 Yasmin 3330 City Hall at the Mall 3380 A Childs Delight 3400 Wangs Animal Kingdom 3450 Shiekh LLC 3500 Oreck Factory Showroom, Tea Station & Tea Fountain 3600 Crimpers 3650 Northgate Florist 3670 Roma Pizza 3680 Claudia Smith, Curves for Women 3700 Trans World Entertainment Corp 3800 Gymboree Corp 3840 Eyeexam of California Inc, Lenscrafters 3880 A Childs Delight Inc 3900 Millers Outpost</p>

Year	Source	Discussion
2008	City Directory	<p>4000 Loi Salon 4100 Pacsun 4200 Intrigue Jewels 4300 Sports Pro The 4400 Electronics Botique America Inc 4450 Things Remembered 4500 Sterling Jewelers 4650 Shoe Stop Instant Shoe Repair 5010 Mervyns California Department Stor 5015 Payless Shoesource 5035 Subway Sandwiches & Salads 5040 Fantasy Jewels 5045 American Greeting 5050 Walden Book Inc 5075 Sees Candies 5200 Mrs Fields Cookies 5300 Journeys, Patricia T Bath Interiors 5318 Treasure Jewelry, USA Yamac Tourism 5326 Mani Jewelry 5600 Art Cellphone, The Picture People 5800 Styles for Less Inc, Subway Sandwiches, Victorias Secret Stores Inc 5820 Friedman Marketing, Northgate Mall 5830 McDonalds Restaurants 5835 Jhan Thong 5850 Skewers 5862 Odeo Grill 5880 Pk Jung Corp 5890 Namco Cybertainment Inc, Time Out 8920 Toy Symphony 8940 Stride Rite Childrens Group 8950 Afterhour Formalwear Inc, Gingiss 619 8960 Surf City Squeeze 8960 Sweet Things Creamery 8970 Liberty Tax Service 9000 Consumer Programs Inc, H&R Block Sears Location, James T Lentz OD, Miracle Ear at Sears, Sears, Sears Auto Center, Sears Optical</p> <p><u>Adjacent Properties:</u> 921 Del Presidio Blvd: Terra Linda 76 Car Wash 930 Del Presidio Blvd: Northgate Exxon, Valero Snacks Shop 949 Del Presidio Blvd: Ron Sabaca Chevron Service 2</p>
2009	Aerial Photograph	A new building at 1500 Northgate Drive is present in the northeast portion of the Subject Property.

Year	Source	Discussion
2010	Aerial Photograph	The Subject Property and immediately area appears similar to the previously reviewed 2009 aerial photograph.
2012	Topographic Map	The Subject Property appears developed essentially as at present. The immediate vicinity appear developed with most of the current improvements.
2013	City Directory	<p><u>Subject Property:</u> Northgate Drive 1000 Macys Northgate, Macys Watch & Jewelry Repair 1210 Visionary Opticians 1280 Gloria Jeans Coffee 1290 Claires 1500 Rite Aid Pharmacy 2250 Bath & Body Works 2400 GNC 3450 Shiekh 3800 Gymboree Store The Mall at Northridge 3840 Eyeexam of California 4400 Gamestop 5000 Roadside BBQ 5010 Kohls 5075 Sees Candies 5100 Fantasy Jewels 5600 Art Cellphone 5800 Accessories 4 You, Bay Side Watch, Berry Twist, BJs Restaurants, Buckle, Cellairis, Chipotle Mexican Grill, Combo King Restaurant, Dazzle Wireless Co, Express, Fingers & Toes, Foot Locker, Forever 21, Gamestop, Gold Rush Jewelers, Great Steak, Gymboree, H&M, Lenscrafters, Mall at Northgate The, Marin Link, Northgate Beauty, Pacsun, Panera Bread, Payless Shoesource, Peets Coffee & Tea, Radioshack, Regis Salons, Sbarro Pizza, Sees Candies, Shiekh Shoes LLC, Shogun, Sole Desire Shoes, Subway Sandwiches, Sunglass Hut, The Childrens Place, Things Remembered, Tillys, TMobile, Tomatina Restaurant, US Bank, Vans, Verizon Wireless, Victorias Secret, Wetzels Pretzels, Zee Jewelers, Zumiez 6000 Gap 7000 Century Northgate 15 Theatres 8950 Mens Wearhouse 9000 H&R Block, Sears, Sears Optical, Seliz Aceuisition</p>

Year	Source	Discussion
2013	City Directory	<p><u>Adjacent Properties:</u> 921 Del Presidio Blvd: 76 Terra Linda 930 Del Presidio Blvd: Mlk Smog Shop Test Only, Northgate Exxon, Northgate Valero Smog Shop, Northgate Valero & Food Mart 949 Del Presidio Blvd: Chevron 950 Del Presidio Blvd: Northgate Shell</p>

4.7 Historical Summary

The Subject Property was agriculturally developed land from at least 1914 to 1952. Portions of the Subject Property appear to have historically been used as agricultural grazing land. Based on the subsequent property-wide grading and current property-covering improvements, it is unlikely that potential agricultural residue, if any, would impact the Subject Property. This historical use is a *de minimis* condition.

From at least 1963, the Subject Property has been developed with portions of the current Northgate Mall. Since 1993, the Subject Property has been fully developed with its current improvements – consisting of a multi-building retail complex with paved parking areas. On the Subject Property, the Sears Automotive Center at 9000 Northgate Drive appears to be a potential concern as discussed in Sections 2.2, 3.1, 5.7, 6, and 7. In the Subject Property vicinity, several adjacent or nearby properties of potential concern were identified. However, these are sufficiently downgradient or far enough away that they are unlikely to impact the Subject Property, and therefore not of concern.

Sears Auto Center and Jiffy Lube both have a history on the Southeast corner of the Subject Property. These operations have the potential to result in soil and groundwater impact and are discussed in Section 3.1 and 5.7. A cleaner is reported to have occupied an on-property facility at 8985 Northgate Mall Drive during 2003-2004 (City Directories). It is unknown where this business was specifically located or if potentially hazardous cleaning chemicals were present.

Section 5: User Provided Information

5.1 Environmental Liens or Activity and Use Limitations

A search for environmental liens and activity and use limitations (AULs) encumbering the title of the Subject Property was conducted by EDR. The lien search was conducted based on the six APNs of the Subject Property.

No environmental liens or AULs were found for the Subject Property parcels. A copy of the Lien and AUL Search Report is included in *Appendix F*.

5.2 Specialized Knowledge or Experience

The User reported that they did not have specialized knowledge or experience related to the Subject Property or nearby properties with respect to environmental due diligence concerns, other than the information contained in the User Provided documents, some of which are summarized in Section 5.7.

5.3 Relationship of Purchase Price to Fair Market Value

The User reported that to their knowledge the price of the Subject Property reasonably reflects the fair market value of the property, and the Subject Property has not been devalued because contamination is known or believed to be present at the Subject Property.

5.4 Commonly Known or Reasonably Ascertainable Information

The User did not possess knowledge of the past uses, specific chemicals (past or present), spills or other chemical releases or environmental cleanups, other than the information contained in the User Provided documents, some of which are summarized in Section 5.7.

5.5 Obvious Presence of Likely Presence of Contamination

Based on their knowledge and experience, the User did not indicate that there were any obvious indicators that point to the presence or likely presence of releases at the Subject Property, other than the information contained in the User Provided documents, some of which are summarized in Section 5.7.

5.6 Proposed Use

This Phase I ESA was requested as part of a property transfer involving the Users of this report.

5.7 User Provided Documents

As part of the Phase I ESA, TOR reviews relevant documentation, specialized knowledge, and/or commonly known information available from Glaser Weil and MGP pertaining to the Subject Property. User Provided information is contained in *Appendix H*.

Glaser Weil and MGP provided the following documents to TOR for review:

1. Marin County Environmental Health Services, Permit to Remove Underground Storage Tank and Application, 5 August 1986, 2 p.

The permit and application describe three tanks consisting of two 500-gallon capacity tanks and a single 1,000-gallon capacity tank, used to store bulk and waste oil, at a Sears Automotive located at 9000 Northgate Mall. This is the permit to remove USTs, not the verification that any USTs were removed. Tank IDs included 2929001, 2929002, and 2929003 which were single walled tanks installed in 1972.

2. Marin County Environmental Health Services, Clearance, 2 March 1987, 1 p.

This document reports analysis indicates “a safe level or absence of any residual of the product formerly stored in underground storage tanks at this location”, 9000 Northgate Mall. It does not specify whether this “clearance” is for soil or groundwater samples, the concentrations or compounds which were detected, if any, or which underground storage tanks this letter is referencing

3. The Macerich Company, Inquiry as to Status of USTs, 25 November 1992, 1p.

This document from the owner (Macerich) to tenant (Sears) requests information regarding the testing and status of USTs at the Northgate Mall. Macerich believed Sears was the owner of two underground gasoline storage tanks (12,000 gallons) and one underground waste oil tank, and that the three tanks had been removed by Sears as of the date of the letter.

4. ATC Diagnostic, Phase I Environmental Site Assessment, 5800 Northgate Drive, San Rafael, California, for Macerich Company, 12 August 1993, 25 p.

This report concludes that the project area, which specifically excludes the Sears Department Store and its facilities, “does not appear to be environmentally threatened” by the cross-gradient gasoline stations north of the Subject Property. It mentions the Sears Automotive Operation and former gasoline station on the Subject Property was closed in 1986. Even though no information regarding soil and/or groundwater quality for the site was available, ATC Diagnostic says about the Automotive Center “at the downgradient boundary of the Project Area, and a petroleum release at this site would likely have minimal impact to the Project Area.”

5. Flour Daniel GTI, Dispenser Island and Product Line Removal Report, Sears Store 1528, 9000 Northgate Mall, San Rafael, CA, 1 July 1996, 80 p.

This report describes testing areas that product equipment had previously been removed from. It concluded that low concentrations of total recoverable petroleum hydrocarbons were detected near a former used oil pipeline, but not other areas including pump islands.

6. Dames & Moore, Hydraulic Lift Removal and Site Remediation Activities, Sears Store #1528, 9000 Northgate Mall, San Rafael, CA, 7 February 1997, 49 p.

This report describes the removal of three of 19 hydraulic lifts in a two-story automotive service center with materials storage area. Sampling to a maximum depth of 7 feet near (typically deeper) subgrade hydraulic hoists detected some oil-range hydrocarbons at each hoist. These hydrocarbon concentrations exceeded typical regulatory action levels at two of the hoists. Polychlorinated biphenyls (PCBs) and a semi-volatile organic were also detected. The three hoists and some impacted material, thought to exceed regulatory thresholds, were subsequently removed. It seems likely that similar conditions would exist near the remaining hoists, and that there is a potential for deeper than explored contamination.

7. Fault Line Associates, Inc., Environmental site Assessment Report, Rite Aid Store Site, Northgate @ Las Gallinas, San Rafael, CA, 4 August 1998, 51 p.

This report concluded that the subject of its investigation, which appears to be only a portion of paved parking area on the northwest corner of the Northgate Mall, was not obviously impacted by activities there, but recommended groundwater sampling to test for potential off-property impacts. However, these potential off-property sources appear to be down gradient.

8. IT Group, Request for Closure, Sears Roebuck & Co Automotive Center No 1528, 9000 Northgate Mall, San Rafael, CA, 23 March 1999, 57 p.

This request, addressed to the Fire Department, asks for closure of a regulatory investigative case of three underground storage tanks – now reported to have contained gasoline, oil and waste oil - and associated equipment reported to have been removed in 1994. This document describes that soil testing beneath fuel dispensers and product pipelines was also conducted in 1994, and that in 1995 about 32 cubic yards of hydrocarbon-impacted soil was removed from the property – though some residual contamination remains.

9. City of San Rafael, response to Request for Closure, Sears Roebuck & Co Automotive Center No 1528, 9000 Northgate Mall, San Rafael, CA, 2 November 1999.

To consider the requested closure, the city asked analytical report from the 1985 tank excavations and excavated stockpiles, documentation of one 1,000-gallon tank and two 530-gallon tanks, analytical reports from the 1987 tank removal, manifests for the removed soil, and a boring to test soil and water for gasoline oxygenates.

10. **City of San Rafael, New Landowner and Participant Requirements for Sears Roebuck & Co Automotive Center No 1528, 9000 Northgate Mall, San Rafael, CA, 2 November 1999.**

This correspondence, addressed to IT Group, informs it of required actions by the property owner to comply with closure activities for the tanks in question.

11. **City of San Rafael, Review for Response to Request for Closure, Sears Roebuck & Co Automotive Center No 1528, 9000 Northgate Mall, San Rafael, CA, 16 November 1999, 3 p.**

This correspondence reiterates the previously requested analytical report from the 1985 tank excavations and excavated stockpiles, documentation of one 1,000-gallon tank and two 530-gallon tanks, analytical reports from the 1987 tank removal, manifests for the removed soil, and a boring to test soil and water for gasoline oxygenates. It also states that a provided deed notification form needs to be filled-in and returned.

12. **URS, Sears Roebuck & Co Automotive Center No 1528, 9000 Northgate Mall, San Rafael, CA, 15 October 2002, 19 p.**

In this transmittal, URS responded to the City of San Rafael requested items, except 1987 analytical reports – which it has not been able to locate. URS reports that it believes five underground storage tanks had been located on the Subject Property: two gas tanks; two oil tanks; and one waste oil tank.

13. **RGA Environmental, Hazardous Materials Survey, The Mall at Northgate, San Rafael, CA, 13 March 2008, 4 p.**

This document describes that small quantities of potentially hazardous materials, and lead in some paint was reported at the Subject Property.

14. **Conestoga-Rovers & Associates, Second Quarter 2008 Groundwater Monitoring Report, Chevron Service Station #9-3553, 949 Del Presidio Boulevard, San Rafael, California. 6 August 2008. 71p.**

Figure 3 shows an interpretation of groundwater flow direction near a Chevron Service station across Las Gallinas Avenue, adjacent to the north of the Subject Property. Groundwater flow is shown generally directed northwestward. However, in a portion of the area shown, flow is locally directed south towards Las Gallinas Avenue and the Subject Property.

15. **Groundwater & Environmental Services, Inc. Valero Marketing and Supply Company, Second Quarter 2008 Groundwater Monitoring Report, Valero Station #13781, 930 Del Presidio Blvd., San Rafael, California. 19 August 2008, 107p.**

This report includes Figure 3 which shows chemicals detected groundwater near a Valero Service station across Las Gallinas Avenue, adjacent to the north of the Subject Property. Two tested locations, AE12 and AE13, appear to potentially be at the northern perimeter of the Subject Property. Ninety-nine micrograms per liter of diesel fuel is indicated to have been detected at location AE13 near the Subject Property perimeter. This information suggests the

Subject Property may have been impacted by diesel fuel from an off-property source, albeit at concentrations that are less than typical regulatory levels of concern. Other chemicals are not indicated to have been detected near the Subject Property perimeter.

16. **Conestoga-Rovers & Associates, Groundwater Monitoring Report - Third Quarter 2008, Shell-Branded Service Station, 950 Del Presidio Boulevard, San Rafael, California. 22 October 2008. 31p.**

Figure 2 shows an interpretation of groundwater flow direction on a portion of a shell Service Station, to the north of the Chevron Service station across Las Gallinas Avenue, adjacent to the north of the Subject Property. Groundwater flow in the relatively small portion of this facility shown is directed west-southwestward. This area is only a portion of the area shown in the above summarized Chevron Flow Map.

17. **Bureau Veritas North America, Inc., Phase I Environmental Site Assessment Report, Mervyn's Department Store Site, 5010 Northgate Mall, The Mall at Northgate, San Rafael, CA. 5 January 2009, 279 p.**

This assessment concludes it has revealed no evidence of recognized environmental conditions in connection with the property, which is only the Mervyn's Store portion of the mall.

18. **AEI Consultants, Phase I Environmental Site Assessment, Northgate Mall, 5800 Northgate Mall, San Rafael, CA 94903, 6 August 2009, 454 p.**

This assessment concludes the remaining hydraulic hoists and associated contamination, an oil/water separator, and the history of underground storage tanks and their unresolved disposition – all at the Sears Automotive Center – are Recognized Environmental Conditions.

19. **ATC Associates, Inc., Limited XRF Paint Sampling – Northgate Mall, 5800 Northgate Mall, San Rafael, CA 94903, ATC Project 75.22103.0001, 8 p.**

This transmittal summarizes the results of testing paint for lead content in anticipation of renovations. Painted at seven locations is reported to contain lead, and be in poor condition.

20. **Sigma Engineering, Inc., Phase II Environmental Site Assessment Recommendations, Sears Automotive Center, Northgate Mall, 9000 Northgate Mall, San Rafael, CA 94903, 20 October 2009, 2 p.**

This document describes investigative recommendations consisting of: monitoring for impacts near drains and oil/water should they be exposed by future remodeling; monitor existing wells for groundwater - and if none is found abandon them; and disposing drummed soil cutting. It also notes that additional investigation may be required to further investigate previously removed tanks.

21. **Sigma Engineering, Inc., Phase II Environmental Site Assessment Report, Sears Automotive Center, Northgate Mall, 9000 Northgate Mall, San Rafael, CA 94903, 20 October 2009, 111 p.**

This reports investigation of the former fueling area (former tanks and pump islands) and existing auto repair shop including hydraulic lifts, trench drain and 3-stage clarifier. It concluded

that, although low concentrations of oil were detected, the investigated areas had not been significantly impacted.

- 22. PARC Services, Inc. Job Book for Hazardous Materials Removal & Disposal, The Mall at Northgate – Various Areas, San Rafael, California. 8 October 2014. 37 p.**

This appears to be a description of work and procedures to remove small amounts of stored maintenance and landscaping chemicals from the Subject Property.

- 23. Macerich. Northgate Mall Site Plan. 20 May 2016. 1p.**

Contains identification of mall layout and current mall tenants.

- 24. Commonwealth Land Title Insurance Company. Commitment for Title Insurance. 19 October 2016. 37p.**

- 24. JRN Civil Engineers. ALTA/NSPS Land Title Survey, 5800 Northgate Mall, San Rafael, California. 23 November 2016. 3p.**

Section 6: Agency Records Review

TOR used the following agency sources to obtain information on the Subject Property and surrounding area:

- **Department of Oil, Gas & Geothermal Resources (DOGGR):** According to the online DOGGR Well Finder map, no oil and gas wells are present on the Subject Property.
- **California Department of Water Resources:** geologic information.
- **State Water Resource Control Board (SWRCB):** hydrogeologic information.
- **State Water Resources Control Board (SWRCB) GeoTracker Database:** Information on the Subject Property and nearby facilities. All sites identified in GeoTracker were identified in the EDR Radius Report and are discussed in Section 3.2. Pertinent agency records are provided in *Appendix I*. NFA documents for adjacent gas stations (76, Exxon, Chevron, and Shell) were able to be downloaded from GeoTracker in a file format which could be subsequently added to the Appendix of this report. These documents are available online from GeoTracker under each of the individual site documents lists. Global IDs for these sites are given in Section 5.
- **Department of Toxic Substance Control (DTSC) ENVIROSTOR Database:** No sites were identified on the Subject Property or in the immediate vicinity. The EnviroStor map of the Subject Property and vicinity is provided in *Appendix I*.
- **City of San Rafael Fire Department:** Review of City of San Rafael permit files indicates the permit for a cleaner at 8985 Northgate Mall address was being held up in 2005 because of because of CUPA permit application paperwork. A “Correction Notice” was also issued dated 1987 and 1991 based on improper fire safety equipment. The information suggests there may have been a cleaner present for over 20 years, but no other information exists. Conversely, based on the single listing in the historical city directory, it is not clear that it was in operation. Dated information is conflicting as well.

Section 7: Interviews and Subject Property Reconnaissance

7.1 Interview

Jeffrey Borum of TOR interviewed a representative of the current owner of the Subject Property, Mr. James Landry with Macerich on November 21, 2016. Mr. Landry indicated that he was a new employee and had been overseeing the property management for about six months. He was unaware of any tenants that used stored or disposed of hazardous substances except for the Sears Facility. Mr. Landry was unaware of any hazardous substance or petroleum product concerns on the Subject Property or vicinity.

Jeffrey Borum of TOR performed the Subject Property reconnaissance on November 21, 2016. Visual observations noted during the ground reconnaissance are included in the table below. Photographs of Subject Property are included in *Appendix J*.

Subject Property Reconnaissance Summary Table

Feature / Characteristic	Y/N	Comments
Current Use of Subject Property	Y	Retail Shopping Mall
Vacant Spaces / Undeveloped Areas / Wetlands	Y	Vacant retail spaces as indicated in Section 2.2. No vacant/undeveloped portions of the Subject Property.
Landscaping (<i>potential pesticide use</i>)	Y	Minor perimeter landscaping
Parking Lots / Structures (<i>potential for vapor intrusion or chemical spills</i>)	Y	Paved parking and vehicle access surround the buildings. No staining of concern was noted.
Previous Uses or Investigations		
Concrete pads (<i>associated with electrical systems or large machinery</i>)	N	None observed
Former Pump Islands	N	Not observed or reported
Fill Ports (<i>small manholes associated with USTs</i>)	N	None observed or reported
Vent Pipes (<i>associated with USTs</i>)	N	None observed or reported
Former Building Foundations	N	Not observed or reported
Drums and Containers	N	FOG restaurant waste and Sears Auto/Appliance Centers
Sumps	N	Sears Department Store
Clarifiers	Y	In-ground restaurant grease interceptors and Sears Auto Center in-ground clarifier present north side of the Auto Center building. (REC)
Hoists or Lifts (<i>often associated with hydraulic fluids & auto repair</i>)	Y	Sears Auto Center southeast corner of property (REC)
Concrete / Asphalt patches	Y	Typical patching in asphalt and concrete vehicle access and parking areas.
Monitor/Supply/Disposal Wells	Y	Two groundwater monitoring wells were observed north of the Sears Auto Center associated with previous gas station.

Subject Property Reconnaissance Summary Table

Feature / Characteristic	Y/N	Comments
Containers / Containment		
Aboveground Storage Tanks (ASTs)	Y	Sears Auto Center (fresh oil/waste oil).
Underground Storage Tanks (USTs)	Y	One indicated by GPR survey south side of Sears Auto Center
Hazardous Chemicals (<i>Storage, Use, Disposal</i>)	Y	Noted hazardous materials limited Sears Department Store/Service-Garden Center/Sears Auto Center. (REC).
Petroleum Hydrocarbons	Y	Sears Auto Center/Sears Dept Store/Sears Service-Garden Center (vacant building) (REC).
Pesticide Usage or Storage	N	Not observed other than contracted pest control devices.
Unlabeled Containers/Substances	N	Not observed
Solid Waste Storage (<i>i.e. bins</i>)	Y	Municipal waste managed in dumpsters.
Septic Tanks	N	Not observed
Berms (<i>potential secondary containment</i>)	N	Not observed
Potential Waste Disposal Systems / Containment		
Waste Water Generation	Y	Domestic wastewater generated from sink/toilets was reported to be connected to the sanitary sewer.
Pits, Ponds, Lagoons	N	Not observed
Pools Of Liquid	N	Not observed
Floor Drains	Y	Sears Auto Center/Sears Dept Store/Sears Service-Garden Center.
Drainage Systems (<i>i.e. ditches</i>)	N	None observed
Dumping or Filling Activities (<i>i.e. soil or debris piles</i>)	N	Not observed
Roads And Trails With No Apparent Purpose (<i>potential for illicit dumping</i>)	N	Not observed
Potential Evidence for Chemical Impacts		
Materials Spills	N	Not observed.
Unusually Stained or Corroded Pavement or Flooring	Y	Sears Auto Center/Sears Dept Store/Sears/Service-Garden Center
Odors	N	Not observed
Air Emissions	N	Not observed
Interior water damage / mold (<i>potential pathway for impacts</i>)	N	Water intrusion not indicated to be a problem at the site. Mold not observed.
Stained or Disturbed Soil	N	Not observed
Stressed Vegetation	N	Not observed
Non ASTM items & Miscellaneous		
Electrical Transformers (PCBs)	Y	Pad mounted transformer maintained by the municipal utility. Labeled "No PCBs". No RECs noted.
Florescent Lighting (PCBs)	Y	Florescent lights used in interior spaces. Based on 1988 to 1996 construction date of onsite building, PCB ballasts are not likely present in fixtures.
Suspect Asbestos-Building Materials	--	Not in scope. ~1969-2001 date of construction of buildings.
Water damage / Mold	Y	Sears Auto Center/Sears Service-Garden Center
Suspect Lead-Based Paint	--	Not in scope. ~1960s date of construction for buildings. Potential exists

Subject Property Reconnaissance Summary Table

Feature / Characteristic	Y/N	Comments
Fiber Optics Lines	N	Not observed
Heating Systems (associated with heating oil, gas, electric or steam radiators)	Y	Sears Dept Store
High Voltage Power Lines/ Magnetic Fields	N	Not observed
Cellular Phone Tower	N	Not observed
Neighboring Dry Cleaners	N	None noted
Neighboring Property USTs	Y	Across Las Gallinas Ave to north of Subject Property
Any sites NOT listed in EDR? Incorrect addresses?	N	

Section 8: Historical Materials of Concern

8.1 Suspect Asbestos-Containing Materials

While the use of asbestos in the manufacture of most building materials has not been fully prohibited by law, the use of asbestos, for the most part, has voluntarily been discontinued since the late 1970s. Some non-friable materials, such as roofing material and floor coverings (floor tile and mastic) may have been manufactured with asbestos materials and may have been used into the early 1980s. Given that the Subject Property was first developed in approximately 1963, regulated asbestos materials are likely present. TOR was provided with 69 documents issued between 1989 and 2015 that document ACM removal completed at Northgate Mall. The removals were done piecemeal to accommodate remodel/redevelopment work through the years. Suspect materials should always be characterized, tested and planned for, monitored and documented as with any removal or maintenance activities involving ACMs.

8.2 Lead-based Paint

In 1978, the Consumer Products Safety Commission banned paint (LBP) and other surface coating materials containing lead. Because the property was first developed in approximately 1963, lead-based paint may be present. Documents provided to TOR indicate some of this material was tested and identified for operations and maintenance management; however, TOR is not aware of the status. Suspect materials should always be characterized, tested and planned for, monitored and documented as with any removal or maintenance activities involving LBP.

8.3 PCB Equipment

Polychlorinated biphenyls (PCBs) were historically used as coolants and lubricants in transformers, capacitors, and other electrical equipment beginning in 1929 because they do not burn easily and serve as a good insulating material, but have been phased-out of use since being banned in 1979. The transformers located onsite were maintained by the public electrical utility (PG&E) and one was labeled (label peeling off) "No PCBs". Visually obvious indications of the utility-owned transformer reported on the ERNS list (see Site A3 Northgate Mall, Section 3.1) to have leaked 125 gallons of mineral oil into a subgrade vault during 1997 were not apparent. Documentation indicates PG&E removed PCB oils from three transformers on site in 1983.

Fluorescent light fixtures were observed in the ceilings of the buildings as well as around the lighted parking lot areas. PCBs are known to be present in fluorescent light ballasts and electric transformers; although, there were no documented or observed releases of PCBs on the Subject Property at the time of the site visit. Documentation indicates at least some of these were removed in the early 1990s. Proper handling and disposal procedures are required when handling these materials.

8.4 Radon

The Federal Environmental Protection Agency placed Marin County in Radon Zone 3 (indoor air average level less than two pCi/L). Ten federal test of radon in first floor living areas within zip code 94903 revealed an average concentration of 1.930 pCi/L with 80% of the tests below 2 pCi/L and 20% of the tests between 4 and 20 pCi/L. EDR indicated he CA Radon state database for zip code 94903 contained 31 tests including 4 tests resulting in greater than 4 pCi/L. This information is not specific to the Subject Property and site-specific testing would be required to evaluate any risk from radon.

8.5 Mold

TOR did observe visible evidence of water intrusion or mold growth during the site visit in the Sears Auto Center as well as the Sears Appliance Service Center.

TOR did not (i) perform a mold/fungi inspection, (ii) perform any building material surface mold sampling, or (iii) perform air sampling for mold spores at the Subject Property as part of this Phase I ESA. The property is developed and includes air conditioner and refrigeration facilities that are sometime responsible for mold development. Any maintenance, renovation, or construction activities involving the structures should include inspections for mold development prior to initiation. Employee complaints or observations in this regard should also be investigated and appropriately mitigated for the protection of human health.

Section 9: Conclusions and Recommendations

TOR conducted the Phase I ESA in conformance within the scope and limitations of ASTM E1527-13 standard practice for environmental site assessments for the Northgate Mall retail center, located north and east of Northgate Drive and south and west of Las Gallinas Avenue in San Rafael, California 94903. Any exceptions or deletions from this practice are detailed in Section 10 of this report.

9.1 Conclusions

Recognized Environmental Conditions (RECs)

As defined by ASTM, a *REC* is “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.”

Onsite RECs

This Phase I ESA revealed the following *RECs* on the Subject Property:

Former Sears Service and Garden Center

- Hazardous materials stored and spilled in former Sears Appliance Center.

Sears Department Store Basement

- Hydraulic oil accumulations in elevator motor rooms, and
- Hazardous waste storage room.

Sears Automotive Center

- Known residual and likely additional oil impacts from former and current hydraulic lifts; and
- Open regulatory underground storage tank closure investigation case.
- Suspect leaking elevator used for tire storage on second level of building.
- Stained and etched concrete in battery storage room.
- Oily residues in oil storage areas.
- Incomplete records with respect to disposition of USTs associated with this facility.

- An underground three stage clarifier at the former Sears Automotive Center is a potential source of subgrade chemical impacts.

Offsite RECs

This assessment has revealed no offsite *RECs* in connection with the Subject Property.

Historical Recognized Environmental Conditions (HRECs)

As defined by ASTM, an *HREC* is: “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

This assessment has revealed no *HRECs* in connection with the Subject Property.

Controlled Recognized Environmental Conditions (CRECs)

As defined by ASTM, a *CREC* is: “a *REC* resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

This assessment has revealed the following offsite *CRECs* in connection with the Subject Property:

- Ninety-nine micrograms per liter (ug/L) of diesel fuel, a concentration less than the typical regulatory threshold of concern, is reported to have been detected during 2008 in groundwater immediately north of the Subject Property boundary (GES, 2008). This impacted groundwater appears to be related to releases from gas stations across Las Gallinas Avenue and have been designated as closed LUST sites by the State Water Resources Control Board.

Notable Findings

Findings that are not *RECs*, *HRECs*, or *CRECs*, but do have some potential to affect the Subject Property in the context of environmental due diligence are identified as *Notable Findings* for the purpose of this report.

This assessment has revealed the following *Notable Findings*:

Findings that are not *RECs*, *HRECs*, or *CRECs*, but do have some potential to affect the Subject Property in the context of environmental due diligence are identified as *Notable Findings* for the purpose of this report.

This assessment has revealed the following *Notable Findings*:

- A cleaner is reported to have occupied an on-property facility at 8985 Northgate Mall Drive during 2003-2004. It is unknown where this business was specifically located or if potentially hazardous cleaning chemicals were present. Review of City of San Rafael permit files indicates the permit for a cleaner at this address was being held up because of because of CUPA permit application paperwork. A “Correction Notice” was also issued dated 1987 and 1991 based on improper fire safety equipment. Internet research suggested the business did pressing but were only “agents” of the cleaner. Based on the single listing in the historical city directory, it is not clear that it was in operation. Dated information is conflicting as well. No other information was found during the time for this assessment.
- 125 gallons of potentially PCB-containing mineral oil is reported to have leaked from a Pacific Gas & Electric owned and operated transformer into a subgrade utility vault during 1997.
- Below grade groundwater sump pumps are operated as needed to prevent flooding in the basement of the Sears department store. Sampling of water from the groundwater sump pumps is recommended for compliance with regulatory storm water discharge requirements and to evaluate impacts related to operations within the basement of the Sears department store.
- 125 gallons of potentially PCB-containing mineral oil is reported to have leaked from a Pacific Gas & Electric owned and operated transformer into a subgrade utility vault during 1997.
- Below grade groundwater sump pumps are operated as needed to prevent flooding in the basement of the Sears department store. Sampling of water from the groundwater sump pumps is recommended for compliance with regulatory storm water discharge requirements and to evaluate impacts related to operations within the basement of the Sears department store.

9.2 Recommendations

Based on the conclusions provided above, TOR recommends further investigation of the identified Onsite *RECs*.

Former Sears Service/Garden Center

Assessment of soil conditions beneath the location of the hazardous waste storage area for impacts related to total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs). If high levels of TPH are revealed, recommend additional analysis for the potential presence of polychlorinated biphenyls (PCBs).

Sears Department Store Basement

Areas requiring further assessment and testing included the elevator motor rooms, the hazardous waste storage area, and the groundwater pumping rooms. The elevator rooms and any other elevators within the store whose motors were not observed during the site walk, should be evaluated as well. Soil beneath these systems should be tested for TPH and PCBs. In addition, sampling of water from the groundwater sump pumps is recommended for compliance with regulatory discharge requirements and to evaluate impacts related to operations within the basement of the Sears department store.

Sears Automotive Center (SAC)

The available information surrounding the SAC includes several data gaps and incomplete regulatory compliance conditions.

Hydraulic Lifts

There are 14 remaining lifts and TOR recommends they be removed from the property and that residual impacts to surrounding soil be remediated to concentrations in conformance with regulatory requirements. If residual soil impacts above regulatory requirements are discovered, remediation and regulatory site closure should be obtained.

Underground Storage Tanks

Up to eight USTs were reportedly installed at the SAC. Information surrounding their removal is missing or not available. SEI completed a geophysical survey areas north of the SAC building. TOR recommends the geophysical survey on the west, east and south sides of the SAC building to complete the UST screening evaluation.

Underground Three-Stage Clarifier

TOR is not recommending any further testing around the clarifier until it is ready for removal. This improvement should be removed from the site when the SAC ceases operation. Removal should include confirmation soil sampling to indicate any residual soil impacts have been remediated in accordance with regulatory requirements.

Battery Storage Room

Staining on the floor in this area suggests a potential for impacts of metals including lead to be present. Concrete slab floor in the battery storage room should be chip sampled and analyzed for metals including lead.

Auto Shop Floor and Sunken Work Bay

The SAC auto shop maintenance floor as well as the sunken floor auto service work bay (northwest corner of the SAC building) may contain residual VOC impacts that could compromise indoor air quality especially if the site is later redeveloped for a different land use. Although SEI tested discrete soil samples for VOCs, they did not evaluate for potentially hazardous soil gas. Soil samples are location specific and can miss detection of point sources that could be present in adjacent soil. TOR recommends a soil gas assessment for VOCs be completed in the SAC building, including the sunken work bay.

Southwest New and Waste Oil Storage Area

This area located on the southwest side of the building has not yet be evaluated for chemical releases. TOR noted the improper storage of drums as well as the oily condition of the concrete slab floors at this location. Evaluation of both soil and soil gas in this area is recommended.

Section 10: Deviations

No deviations from the ASTM E1527-13 standard practice for environmental site assessments were made during the preparation of the Phase I ESA portion of this report.

The history of the Property was researched back to the first developed use, which occurred sometime between 1914 (vacant and undeveloped/unimproved) and 1963 when some grading was noted on the Subject Property. Based on this data, there is no data failure that represents a *REC* for the Subject property.

When conducting the historical review, intervals of not greater than five years were researched, unless the use of the Property was unchanged over a period of longer than five years. Based on the available data, there were gaps that did exceed the 5-year interval. However, these gaps did not significantly impact the assessor's ability to identify a satisfactory history of Subject Property use and the potential for impacts from to the Subject Property.

No further historical data sources were evaluated, because: (1) they were not *reasonably ascertainable*, and/or (2) the assessor's experience indicates that additional available sources were not likely to be sufficiently useful, accurate, or complete in terms of satisfying the historical research objectives. Based on these two criteria, no attempt was made to evaluate the following historical sources:

- Recorded Land Title Records
- Property Tax Files
- Zoning/Land Use Records
- Other Historical Sources, including miscellaneous maps, newspaper archives, Internet sites, community organizations, local libraries, historical societies, and current owners/occupants of neighboring parcels.

Section 11: References

Published References

- California Regional Water Quality Control Board, San Francisco Bay Region (SFB-RWQCB).** 14 April 2009. *Case Closure for 930 Del Presidio Boulevard, San Rafael, Marin County.* 9p.
- SFB-RWQCB.** 22 March 2010. *Case Closure Letter for Underground Storage Tank, 76 Station #4774, 921 Del Presidio, San Rafael, Marin County.* 10p.
- SFB-RWQCB.** 20 February 2014. *Closure Letter for Chevron Station, 949 Del Presidio Boulevard, San Rafael, Marin County.* 8p.
- SFB-RWQCB.** 29 May 2014. *Closure Letter for the Shell Gas Station, 950 Del Presidio, San Rafael, Marin County.* 9p.
- Environmental Data Resources, Inc. (EDR).** 28 November 2016. *EDR Aerial Photo Decade Package.*
- EDR.** 28 November 2016. *EDR Building Permit Report.*
- EDR.** 28 November 2016. *EDR Certified Sanborn Map Report.*
- EDR.** 28 November 2016. *EDR Historical Topo Map Report with QuadMatch.*
- EDR.** 28 November 2016. *EDR Property Tax Map Report.*
- EDR.** 28 November 2016. *EDR Radius Map Report with GeoCheck.*
- EDR.** 29 November 2016. *EDR City Directory Image Report.*
- EDR.** 6 December 2016. *EDR Environmental Lien and AUL Search.*
- Groundwater and Environmental Services, Inc. (GES).** 19 August 2008. *Valero Marketing and Supply Company, Second Quarter 2008 Groundwater Monitoring Report, Valero Station #13781, 930 Del Presidio Blvd., San Rafael, California.* 107p.
- United States Department of Agriculture (USDA).** Soil Conservation Service Electronic Database References.

Electronic References

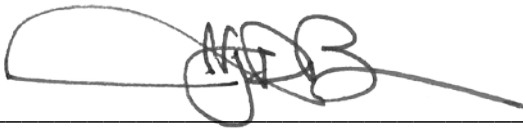
<http://www.conservation.ca.gov/dog/Pages/Index.aspx>

<http://www.envirostor.dtsc.ca.gov/public/>

<http://geotracker.waterboards.ca.gov>

Section 12: Signature(s) of Environmental Professional(s)

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental professional as defined in Section 312.10 of 40 CFR 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Jeffrey D. Borum, P.G.

Date: 15 December 2016

Appendix A

EDR Radius Map Report With GeoCheck

Northgate Mall

5800 NORTHGATE DR
SAN RAFAEL, CA 94903

Inquiry Number: 4789862.2s
November 28, 2016

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
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 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

5800 NORTHGATE DR
SAN RAFAEL, CA 94903

COORDINATES

Latitude (North): 38.0038840 - 38° 0' 13.98"
Longitude (West): 122.5443080 - 122° 32' 39.50"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 540007.6
UTM Y (Meters): 4206138.0
Elevation: 42 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5602156 NOVATO, CA
Version Date: 2012

South Map: 5640194 SAN RAFAEL, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140608
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
5800 NORTHGATE DR
SAN RAFAEL, CA 94903

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	WALDEN BOOK CO	5800 NORTHGATE DR SP	HAZNET		TP
A2	MACERICH	5800 NORTHGATE MALL	EMI		TP
A3		5800 NORTHGATE MALL	ERNS		TP
A4	NORTHGATE MALL	5800 NORTHGATE MALL	RCRA-SQG, CHMIRS, FINDS, ECHO		TP
A5	NORTHGATE MALL	5800 NORTHGATE MALL	HAZNET		TP
A6	NORTHGATE MALL	5800 NORTHGATE DR	HAZNET		TP
A7	RENOVATION OF THE MA	5800 NORTHGATE MALL	NPDES		TP
A8	KOHL'S DEPARTMENT ST	5010 NORTHGATE MALL	HAZNET	Lower	1 ft.
A9	MERVYN'S	5010 NORTHGATE MALL	HAZNET	Lower	1 ft.
A10	MERVYNS STORE #146	5010 NORTHGATE MALL	EMI	Lower	1 ft.
A11	MERVYNS STORE #146	5010 NORTHGATE MALL	FINDS	Lower	1 ft.
A12	KOHL'S DEPARTMENT ST	5010 NORTHGATE MALL	HAZNET	Lower	1 ft.
13	LENSCRAFTERS #793	3840 NORTHGATE DR	HAZNET	Higher	1 ft.
B14	SEARS ROEBUCK AND CO	8108 NORTHGATE MALL	RCRA-SQG	Lower	1 ft.
B15	SEARS, ROEBUCK & CO.	8108 NORTHGATE MALL	HAZNET	Lower	1 ft.
A16	EXPRESSLY PORTRAITS	5600 NORTHGATE MALL	RCRA-SQG, FINDS, ECHO	Lower	1 ft.
B17	RITZ CAMERA CENTERS	7120 NORTHGATE MALL	HAZNET	Lower	1 ft.
A18	EXPRESSLY PORTRAITS	5600 NORTHGATE MALL	HAZNET	Lower	1 ft.
A19	THE PICTURE PEOPLE I	5600 NORTHGATE MALL	HAZNET	Lower	1 ft.
A20	MERVYN'S	5010 NORTHGATE MALL	HAZNET	Lower	1 ft.
A21	KB TOYS	5025 N. GATE MALL	HAZNET	Lower	1 ft.
A22	MACY'S WEST STORES,	1000 NORTHGATE	FINDS	Higher	1 ft.
A23	KOHL'S DEPARTMENT ST	5010 NORTHGATE MALL	EMI	Lower	1 ft.
B24	JIFFY LUBE #1590	9000 NORTHGATE MALL	AST, FINDS	Lower	1 ft.
B25	FLAMINGO PROPERTIES/	9000 NORTHGATE MALL	HAZNET	Lower	1 ft.
B26		9000 NORTHGATE MALL	EDR Hist Auto	Lower	1 ft.
B27	SEARS, #1528	9000 NORTHGATE MALL	HIST UST, EMI	Lower	1 ft.
28		9000 NORTHGATE DR	EDR Hist Auto	Higher	1 ft.
B29		8985 NORTHGATE MALL	EDR Hist Cleaner	Lower	1 ft.
B30	SEARS ROEBUCK & CO	9000 NORTHGATE MALL	HAZNET	Lower	1 ft.
C31	RITE AID NO 5958	1500 NORTHGATE MALL	RCRA-LQG, FINDS, ECHO	Higher	1 ft.
C32	RITE AID #5958	1500 NORTHGATE MALL	HAZNET	Higher	1 ft.
33	RITE AID #5958	1500 NORTHGATE DR	HAZNET	Higher	1 ft.
B34	SEARS ROEBUCK AND CO	9000 NORTHGATE MALL	HAZNET	Lower	1 ft.
C35	PAYLESS DRUG #4372	1500 NORTHGATE MALL	HAZNET	Higher	1 ft.
C36		1500 NORTHGATE MALL	CHMIRS	Higher	1 ft.
C37	RITE AID #5958	1500 NORTHGATE MALL	RCRA-LQG	Higher	1 ft.
38	WOLF CAMERA NO 991	190 NORTHGATE DR	RCRA NonGen / NLR, FINDS, ECHO	Higher	58, 0.011, SSE
D39		412 LAS GALLINAS AV	EDR Hist Cleaner	Lower	63, 0.012, East

MAPPED SITES SUMMARY

Target Property Address:
5800 NORTHGATE DR
SAN RAFAEL, CA 94903

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D40	CVS PHARMACY NO 9529	442 LAS GALLINAS AVE	RCRA-LQG, FINDS, ECHO	Lower	64, 0.012, ENE
E41		900 NORTHGATE DR	EDR Hist Auto	Lower	105, 0.020, NNW
E42	TERRA LINDA CAR WASH	921 DEL PRESIDIO BLV	UST	Lower	147, 0.028, North
E43	CONOCOPHILLIPS	921 DEL PRESIDIO	LUST	Lower	147, 0.028, North
F44	VALERO REFINING CO C	930 DEL PRESIDIO BLV	RCRA-SQG	Lower	152, 0.029, North
F45	EXXON CO. USA. # 770	930 DEL PRESIDIO BLV	RCRA-LQG	Lower	152, 0.029, North
F46	EXXON SERVICE STATIO	930 DEL PRESIDIO	LUST, SWEEPS UST, HIST UST, CA FID UST, CHMIRS,...	Lower	152, 0.029, North
F47		930 DEL PRESIDIO BL	EDR Hist Auto	Lower	152, 0.029, North
F48	EXXON STATION #7-706	930 DEL PRESIDIO BLV	UST	Lower	152, 0.029, North
E49	SHELL	950 DEL PRESIDIO BLV	LUST, HIST CORTESE	Lower	158, 0.030, North
E50	NORTHGATE SHELL	950 DEL PRESIDIO BLV	SWEEPS UST, CA FID UST	Lower	158, 0.030, North
E51	SHELL OIL PRDOUCTS S	950 DEL PRESIDIO	RCRA-SQG	Lower	158, 0.030, North
E52	WILLIAM BAUGH/NORTHG	950 DEL PRESIDIO BL	HIST UST	Lower	158, 0.030, North
E53	NORTHGATE SHELL	950 DEL PRESIDIO	UST	Lower	158, 0.030, North
E54	UNOCAL SERVICE STATI	929 DEL PRESIDIO BOU	RCRA-LQG	Lower	187, 0.035, North
E55	UNOCAL	929 DEL PRESIDIO BLV	LUST, HIST CORTESE	Lower	187, 0.035, North
E56	UNION OIL SS 4774	929 DEL PRESIDIO BLV	HIST UST	Lower	187, 0.035, North
E57	UNION OIL SS# 4774	929 DEL PRESIDIO BLV	SWEEPS UST, HIST UST, CA FID UST	Lower	187, 0.035, North
D58		496 LAS GALLINAS AV	EDR Hist Auto	Lower	194, 0.037, East
D59	GOODYEAR TIRE AND RU	496 LAS GALLINAS	HIST UST	Lower	194, 0.037, East
E60		949 DEL PRESIDIO BL	EDR Hist Auto	Lower	308, 0.058, North
E61	CHEVRON	949 DEL PRESIDIO BLV	LUST, HIST CORTESE	Lower	308, 0.058, North
E62	CHEVRON #3553	949 DEL PRESIDIO BLV	LUST, SWEEPS UST	Lower	308, 0.058, North
E63	CHEVRON #93553	949 DEL PRESIDIO BLV	RCRA-LQG	Lower	308, 0.058, North
E64	93553	949 DEL PRESIDIO BLV	HIST UST	Lower	308, 0.058, North
E65	93553 CHEVRON	949 DEL PRESIDIO BLV	CA FID UST	Lower	308, 0.058, North
E66	CHEVRON STATION #935	949 DEL PRESIDIO BLV	UST	Lower	308, 0.058, North
G67	PAUL O SATHER RADIOL	750 LAS GALLINAS NO	RCRA-SQG, FINDS, ECHO	Lower	353, 0.067, NNW
G68	WALGREENS #13584	155 NORTHGATE ONE	RCRA-CESQG	Lower	523, 0.099, NNW
69	VILLA MARIN HOMEOWNE	100 THORNDALE DRIVE	UST	Higher	600, 0.114, WSW
H70		206 NORTHGATE ONE	EDR Hist Cleaner	Lower	636, 0.120, NNW
H71	PACIFIC BELL	820 LAS GALLINAS AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	667, 0.126, NW
I72	GUIDE DOGS FOR THE B	350 LOS RANCHITOS RD	SWEEPS UST, HIST UST, CA FID UST, EMI	Lower	728, 0.138, SE
I73	GUIDE DOGS FOR THE B	350 LOS RANCHITOS	UST, FINDS, EMI, NPDES	Lower	728, 0.138, SE
J74	ART'S AUTO CARE	1005 NORTHGATE DR	LUST, HIST CORTESE	Lower	754, 0.143, North
J75	GATEWAY GAS	1005 NORTHGATE DRIVE	UST	Lower	754, 0.143, North
J76	ARTS AUTO CARE	1005 NORTHGATE DR	SWEEPS UST, HIST UST, CA FID UST	Lower	754, 0.143, North
77	NORTHGATE CLEANERS	270 NORTHGATE ONE	RCRA-SQG, FINDS, EMI, HAZNET, ECHO	Lower	1076, 0.204, NNW
K78	MARIN DIRT BUSTERS	4140 REDWOOD HWY	RCRA-SQG, FINDS, HAZNET, ECHO	Lower	1308, 0.248, NNE

MAPPED SITES SUMMARY

Target Property Address:
 5800 NORTHGATE DR
 SAN RAFAEL, CA 94903

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K79	PACIFIC BELL	7 PROFESSIONAL CENTE	RCRA-SQG, LUST, SWEEPS UST, CA FID UST, FINDS,...	Lower	1513, 0.287, NNE
80	CA AUTISM FOUND.- A	371 DEVON DRIVE	ENVIROSTOR	Higher	1845, 0.349, SSW
L81	KAISER MEDICAL CENTE	99 MONTECILLO	LUST, HIST CORTESE, NPDES	Higher	2189, 0.415, West
L82	KAISER PERMANENTE ME	99 MONTECILLO ROAD	RCRA-LQG, LUST, UST, SWEEPS UST, HIST UST, CA FID...	Higher	2189, 0.415, West
83	TESTA PLUMBING	4244 REDWOOD	LUST, HIST CORTESE	Lower	2581, 0.489, NNE
M84	FAIRCHILD SEMICONDUCT	4300 REDWOOD HWY	ENVIROSTOR, SLIC, HIST UST, DEED, Cortese, ENF,...	Lower	3022, 0.572, NNE
M85	FAIRCHILD CAMERA & I	4300 REDWOOD HWY	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen /...	Lower	3022, 0.572, NNE
86	MARINE CORPS RESERVE	153 MADISON AVE.	ENVIROSTOR, LUST, Notify 65	Lower	4286, 0.812, East
87	RICH ELECTRIC	110 CARLOS	LUST, HIST UST, HIST CORTESE, Notify 65	Lower	4406, 0.834, NNE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
WALDEN BOOK CO 5800 NORTHGATE DR SP SAN RAFAEL, CA 94903	HAZNET GEPaid: CAC001309496	N/A
MACERICH 5800 NORTHGATE MALL SAN RAFAEL, CA 94903	EMI Facility Id: 19472	N/A
5800 NORTHGATE MALL 5800 NORTHGATE MALL SAN RAFAEL, CA	ERNS EDR ID:: 000559241	N/A
NORTHGATE MALL 5800 NORTHGATE MALL SAN RAFAEL, CA 94901	RCRA-SQG EPA ID:: CAD981422736 CHMIRS OES Incident Number: 7-4590 FINDS Registry ID:: 110002700701 Registry ID:: 110058346838 ECHO	CAD981422736
NORTHGATE MALL 5800 NORTHGATE MALL SAN RAFAEL, CA 94903	HAZNET GEPaid: CAC002630992	N/A
NORTHGATE MALL 5800 NORTHGATE DR SAN RAFAEL, CA 94903	HAZNET GEPaid: CAD981422736	N/A
RENOVATION OF THE MA 5800 NORTHGATE MALL SAN RAFAEL, CA 94903	NPDES	N/A

EXECUTIVE SUMMARY

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

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
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
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA non-CORRACTS TSD facilities list

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

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
SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

EXECUTIVE SUMMARY

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

EXECUTIVE SUMMARY

US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ABANDONED MINES.....	Abandoned Mines
ICE.....	ICE

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

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.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA CORRACTS facilities list

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

A review of the CORRACTS list, as provided by EDR, and dated 06/27/2016 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FAIRCHILD CAMERA & I</i>	<i>4300 REDWOOD HWY</i>	<i>NNE 1/2 - 1 (0.572 mi.)</i>	<i>M85</i>	<i>208</i>

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 06/21/2016 has revealed that there are 6 RCRA-LQG 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>RITE AID NO 5958</i>	<i>1500 NORTHGATE MALL</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>C31</i>	<i>42</i>
RITE AID #5958	1500 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	C37	52

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CVS PHARMACY NO 9529	442 LAS GALLINAS AVE	ENE 0 - 1/8 (0.012 mi.)	D40	56
EXXON CO. USA. # 770	930 DEL PRESIDIO BLV	N 0 - 1/8 (0.029 mi.)	F45	64
UNOCAL SERVICE STATI	929 DEL PRESIDIO BOU	N 0 - 1/8 (0.035 mi.)	E54	117
CHEVRON #93553	949 DEL PRESIDIO BLV	N 0 - 1/8 (0.058 mi.)	E63	133

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 06/21/2016 has revealed that there are 7 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SEARS ROEBUCK AND CO	8108 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B14	23
EXPRESSLY PORTRAITS	5600 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	A16	26
VALERO REFINING CO C	930 DEL PRESIDIO BLV	N 0 - 1/8 (0.029 mi.)	F44	63
SHELL OIL PRDOUCTS S	950 DEL PRESIDIO	N 0 - 1/8 (0.030 mi.)	E51	113
PAUL O SATHER RADIOL	750 LAS GALLINAS NO	NNW 0 - 1/8 (0.067 mi.)	G67	137
NORTHGATE CLEANERS	270 NORTHGATE ONE	NNW 1/8 - 1/4 (0.204 mi.)	77	158
MARIN DIRT BUSTERS	4140 REDWOOD HWY	NNE 1/8 - 1/4 (0.248 mi.)	K78	166

RCRA-CESQG: 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/21/2016 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WALGREENS #13584	155 NORTHGATE ONE	NNW 0 - 1/8 (0.099 mi.)	G68	138

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 08/01/2016 has revealed that there are

EXECUTIVE SUMMARY

3 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>
CA AUTISM FOUND.- A Facility Id: 21830001 Status: No Action Required	371 DEVON DRIVE	SSW 1/4 - 1/2 (0.349 mi.)	80	177

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FAIRCHILD SEMICONDUCT Facility Id: 80001607 Facility Id: 21360001 Status: Refer: RWQCB	4300 REDWOOD HWY	NNE 1/2 - 1 (0.572 mi.)	M84	195
MARINE CORPS RESERVE Facility Id: 21920002 Status: Refer: Other Agency	153 MADISON AVE.	E 1/2 - 1 (0.812 mi.)	86	215

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 11 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>
KAISER MEDICAL CENTE Database: LUST, Date of Government Version: 09/12/2016 Status: Completed - Case Closed Global Id: T0604100190	99 MONTECILLO	W 1/4 - 1/2 (0.415 mi.)	L81	178

KAISER PERMANENTE ME Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 21-0199 Facility Status: Case Closed date9: 8/27/1999	99 MONTECILLO ROAD	W 1/4 - 1/2 (0.415 mi.)	L82	183
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONOCOPHILLIPS Database: LUST, Date of Government Version: 09/12/2016 Status: Completed - Case Closed Global Id: T0604141609	921 DEL PRESIDIO	N 0 - 1/8 (0.028 mi.)	E43	60
EXXON SERVICE STATIO Database: LUST, Date of Government Version: 09/12/2016 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 21-0048 Facility Status: Pollution Characterization Global Id: T0604100047	930 DEL PRESIDIO	N 0 - 1/8 (0.029 mi.)	F46	65
SHELL Database: LUST, Date of Government Version: 09/12/2016 Database: LUST REG 2, Date of Government Version: 09/30/2004	950 DEL PRESIDIO BLV	N 0 - 1/8 (0.030 mi.)	E49	101

EXECUTIVE SUMMARY

Status: Completed - Case Closed
 Facility Id: 21-0133
 Facility Status: Preliminary site assessment underway
 Global Id: T0604100126

UNOCAL	929 DEL PRESIDIO BLV	N 0 - 1/8 (0.035 mi.)	E55	118
Database: LUST, Date of Government Version: 09/12/2016				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 21-0157				
Facility Status: Case Closed				
date9: 4/11/1996				
Global Id: T0604100148				
CHEVRON	949 DEL PRESIDIO BLV	N 0 - 1/8 (0.058 mi.)	E61	126
Database: LUST, Date of Government Version: 09/12/2016				
Status: Completed - Case Closed				
Global Id: T0604100157				
CHEVRON #3553	949 DEL PRESIDIO BLV	N 0 - 1/8 (0.058 mi.)	E62	131
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Facility Id: 21-0166				
Facility Status: Leak being confirmed				
ART'S AUTO CARE	1005 NORTHGATE DR	N 1/8 - 1/4 (0.143 mi.)	J74	150
Database: LUST, Date of Government Version: 09/12/2016				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 21-0275				
Facility Status: Leak being confirmed				
Global Id: T0604100257				
PACIFIC BELL	7 PROFESSIONAL CENTE	NNE 1/4 - 1/2 (0.287 mi.)	K79	170
Database: LUST, Date of Government Version: 09/12/2016				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 21-0171				
Facility Status: Pollution Characterization				
Global Id: T0604100162				
TESTA PLUMBING	4244 REDWOOD	NNE 1/4 - 1/2 (0.489 mi.)	83	193
Database: LUST, Date of Government Version: 09/12/2016				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 21-0312				
Facility Status: Case Closed				
date9: 10/18/1996				
Global Id: T0604100294				

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there are 7 UST sites within

EXECUTIVE SUMMARY

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>
VILLA MARIN HOMEOWNE Database: UST, Date of Government Version: 09/12/2016 Database: MARIN CO. UST, Date of Government Version: 04/07/2016 Facility Id: 30-0478 Facility Id: 300478 Tank Status: UST Removal	100 THORNDALE DRIVE	WSW 0 - 1/8 (0.114 mi.)	69	140

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TERRA LINDA CAR WASH Database: UST, Date of Government Version: 09/12/2016 Database: MARIN CO. UST, Date of Government Version: 04/07/2016 Facility Id: 60-0965 Facility Id: 30-0371 Facility Id: 300371 Tank Status: Change of Information	921 DEL PRESIDIO BLV	N 0 - 1/8 (0.028 mi.)	E42	59
EXXON STATION #7-706 Database: UST, Date of Government Version: 09/12/2016 Database: MARIN CO. UST, Date of Government Version: 04/07/2016 Facility Id: 30-0083 Facility Id: 30-0035 Facility Id: 300083 Tank Status: Change of Information	930 DEL PRESIDIO BLV	N 0 - 1/8 (0.029 mi.)	F48	99
NORTHGATE SHELL Database: UST, Date of Government Version: 09/12/2016 Database: MARIN CO. UST, Date of Government Version: 04/07/2016 Facility Id: 30-0024 Facility Id: 60-0922 Facility Id: 300024 Tank Status: Change of Information Tank Status: UST Removal	950 DEL PRESIDIO	N 0 - 1/8 (0.030 mi.)	E53	115
CHEVRON STATION #935 Database: UST, Date of Government Version: 09/12/2016 Database: MARIN CO. UST, Date of Government Version: 04/07/2016 Facility Id: 30-0036 Facility Id: 300036 Tank Status: Change of Information	949 DEL PRESIDIO BLV	N 0 - 1/8 (0.058 mi.)	E66	136
GUIDE DOGS FOR THE B Database: UST, Date of Government Version: 09/12/2016 Database: MARIN CO. UST, Date of Government Version: 04/07/2016 Facility Id: 30-0184 Facility Id: 300184 Tank Status: UST Removal	350 LOS RANCHITOS	SE 1/8 - 1/4 (0.138 mi.)	I73	144
GATEWAY GAS Database: UST, Date of Government Version: 09/12/2016 Database: MARIN CO. UST, Date of Government Version: 04/07/2016 Facility Id: 30-0370 Facility Id: 60-0992 Facility Id: 300370 Tank Status: Change of Information	1005 NORTHGATE DRIVE	N 1/8 - 1/4 (0.143 mi.)	J75	155

EXECUTIVE SUMMARY

Tank Status: New Permit

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 07/06/2016 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JIFFY LUBE #1590	9000 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B24	32

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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 are 6 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EXXON SERVICE STATIO Status: A Tank Status: A Comp Number: 24159	930 DEL PRESIDIO	N 0 - 1/8 (0.029 mi.)	F46	65
NORTHGATE SHELL Status: A Tank Status: A Comp Number: 10499	950 DEL PRESIDIO BLV	N 0 - 1/8 (0.030 mi.)	E50	111
UNION OIL SS# 4774 Status: A Tank Status: A Comp Number: 30699	929 DEL PRESIDIO BLV	N 0 - 1/8 (0.035 mi.)	E57	122
CHEVRON #3553 Status: A Tank Status: A Comp Number: 62466	949 DEL PRESIDIO BLV	N 0 - 1/8 (0.058 mi.)	E62	131
GUIDE DOGS FOR THE B Status: A Tank Status: A Comp Number: 7193	350 LOS RANCHITOS RD	SE 1/8 - 1/4 (0.138 mi.)	I72	142
ARTS AUTO CARE Status: A Tank Status: A Comp Number: 16020	1005 NORTHGATE DR	N 1/8 - 1/4 (0.143 mi.)	J76	156

EXECUTIVE SUMMARY

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 are 9 HIST UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SEARS, #1528 Facility Id: 00000002929	9000 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B27	36
EXXON SERVICE STATIO Facility Id: 00000024159	930 DEL PRESIDIO	N 0 - 1/8 (0.029 mi.)	F46	65
WILLIAM BAUGH/NORTHG Facility Id: 00000010499	950 DEL PRESIDIO BL	N 0 - 1/8 (0.030 mi.)	E52	114
UNION OIL SS 4774 Facility Id: 00000030699	929 DEL PRESIDIO BLV	N 0 - 1/8 (0.035 mi.)	E56	120
UNION OIL SS# 4774 GOODYEAR TIRE AND RU Facility Id: 00000021799	929 DEL PRESIDIO BLV 496 LAS GALLINAS	N 0 - 1/8 (0.035 mi.) E 0 - 1/8 (0.037 mi.)	E57 D59	122 124
93553 Facility Id: 00000062466	949 DEL PRESIDIO BLV	N 0 - 1/8 (0.058 mi.)	E64	135
GUIDE DOGS FOR THE B ARTS AUTO CARE	350 LOS RANCHITOS RD 1005 NORTHGATE DR	SE 1/8 - 1/4 (0.138 mi.) N 1/8 - 1/4 (0.143 mi.)	I72 J76	142 156

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 are 6 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EXXON SERVICE STATIO Facility Id: 21000052 Status: A	930 DEL PRESIDIO	N 0 - 1/8 (0.029 mi.)	F46	65
NORTHGATE SHELL Facility Id: 21000139 Status: A	950 DEL PRESIDIO BLV	N 0 - 1/8 (0.030 mi.)	E50	111
UNION OIL SS# 4774 Facility Id: 21000163 Status: A	929 DEL PRESIDIO BLV	N 0 - 1/8 (0.035 mi.)	E57	122
93553 CHEVRON Facility Id: 21000033 Status: A	949 DEL PRESIDIO BLV	N 0 - 1/8 (0.058 mi.)	E65	135
GUIDE DOGS FOR THE B Facility Id: 21001771 Status: A	350 LOS RANCHITOS RD	SE 1/8 - 1/4 (0.138 mi.)	I72	142
ARTS AUTO CARE Facility Id: 21001170 Status: A	1005 NORTHGATE DR	N 1/8 - 1/4 (0.143 mi.)	J76	156

EXECUTIVE SUMMARY

Records of Emergency Release Reports

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 06/03/2016 has revealed that there is 1 CHMIRS site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported OES Incident Number: 7-0579	1500 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	C36	51

Other Ascertainable Records

RCRA NonGen / NLR: 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). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/21/2016 has revealed that there are 2 RCRA NonGen / NLR 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>
WOLF CAMERA NO 991	190 NORTHGATE DR	SSE 0 - 1/8 (0.011 mi.)	38	55
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC BELL	820 LAS GALLINAS AVE	NW 1/8 - 1/4 (0.126 mi.)	H71	141

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/15/2016 has revealed that there are 5 FINDS sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MACY'S WEST STORES, RITE AID NO 5958	1000 NORTHGATE 1500 NORTHGATE MALL	0 - 1/8 (0.000 mi.) 0 - 1/8 (0.000 mi.)	A22 C31	31 42
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MERVYNS STORE #146 EXPRESSLY PORTRAITS JIFFY LUBE #1590	5010 NORTHGATE MALL 5600 NORTHGATE MALL 9000 NORTHGATE MALL	0 - 1/8 (0.000 mi.) 0 - 1/8 (0.000 mi.) 0 - 1/8 (0.000 mi.)	A11 A16 B24	21 26 32

EXECUTIVE SUMMARY

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

A review of the EMI list, as provided by EDR, and dated 12/31/2014 has revealed that there are 3 EMI sites within approximately 0.001 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MERVYNS STORE #146 Facility Id: 17880	5010 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	A10	20
KOHL'S DEPARTMENT ST Facility Id: 20146	5010 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	A23	31
SEARS, #1528 Facility Id: 16808	9000 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B27	36

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2014 has revealed that there are 16 HAZNET sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LENSCRAFTERS #793 GEPaid: CAL000161978	3840 NORTHGATE DR	0 - 1/8 (0.000 mi.)	13	21
RITE AID #5958 GEPaid: CA0001007533	1500 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	C32	45
RITE AID #5958 GEPaid: CAL000380163	1500 NORTHGATE DR	0 - 1/8 (0.000 mi.)	33	47
PAYLESS DRUG #4372 GEPaid: CAL000074294	1500 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	C35	49
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KOHL'S DEPARTMENT ST GEPaid: CAL000356746	5010 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	A8	18
MERVYN'S GEPaid: CAC002608547	5010 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	A9	19
KOHL'S DEPARTMENT ST GEPaid: CAC002648311	5010 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	A12	21
SEARS, ROEBUCK & CO. GEPaid: CAR000108563	8108 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B15	25
RITZ CAMERA CENTERS GEPaid: CAL920295558	7120 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B17	27
EXPRESSLY PORTRAITS GEPaid: CAL000063439	5600 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	A18	28
THE PICTURE PEOPLE I	5600 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	A19	28

EXECUTIVE SUMMARY

GEPaid: CAD983667429				
MERVYN'S	5010 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	A20	30
GEPaid: CAC002604151				
KB TOYS	5025 N. GATE MALL	0 - 1/8 (0.000 mi.)	A21	30
GEPaid: CAC002221441				
FLAMINGO PROPERTIES/	9000 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B25	33
GEPaid: CAL000129019				
SEARS ROEBUCK & CO	9000 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B30	40
GEPaid: CAL000004308				
SEARS ROEBUCK AND CO	9000 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B34	49
GEPaid: CAL000003371				

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 [CALSTATES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 8 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>
KAISER MEDICAL CENTE Reg Id: 21-0199	99 MONTECILLO	W 1/4 - 1/2 (0.415 mi.)	L81	178
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EXXON SERVICE STATIO Reg Id: 21-0048	930 DEL PRESIDIO	N 0 - 1/8 (0.029 mi.)	F46	65
SHELL Reg Id: 21-0133	950 DEL PRESIDIO BLV	N 0 - 1/8 (0.030 mi.)	E49	101
UNOCAL Reg Id: 21-0157	929 DEL PRESIDIO BLV	N 0 - 1/8 (0.035 mi.)	E55	118
CHEVRON Reg Id: 21-0166	949 DEL PRESIDIO BLV	N 0 - 1/8 (0.058 mi.)	E61	126
ART'S AUTO CARE Reg Id: 21-0275	1005 NORTHGATE DR	N 1/8 - 1/4 (0.143 mi.)	J74	150
PACIFIC BELL Reg Id: 21-0171	7 PROFESSIONAL CENTE	NNE 1/4 - 1/2 (0.287 mi.)	K79	170
TESTA PLUMBING Reg Id: 21-0312	4244 REDWOOD	NNE 1/4 - 1/2 (0.489 mi.)	83	193

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 08/22/2016 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FAIRCHILD CAMERA & I	4300 REDWOOD HWY	NNE 1/2 - 1 (0.572 mi.)	M85	208

EXECUTIVE SUMMARY

EPA Id: CAD009144619
Cleanup Status: CLOSED

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 09/10/2015 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MARINE CORPS RESERVE</i>	<i>153 MADISON AVE.</i>	<i>E 1/2 - 1 (0.812 mi.)</i>	<i>86</i>	<i>215</i>
<i>RICH ELECTRIC</i>	<i>110 CARLOS</i>	<i>NNE 1/2 - 1 (0.834 mi.)</i>	<i>87</i>	<i>220</i>

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 09/18/2016 has revealed that there are 2 ECHO sites within approximately 0.001 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>RITE AID NO 5958</i>	<i>1500 NORTHGATE MALL</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>C31</i>	<i>42</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EXPRESSLY PORTRAITS</i>	<i>5600 NORTHGATE MALL</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>A16</i>	<i>26</i>

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 6 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	9000 NORTHGATE DR	0 - 1/8 (0.000 mi.)	28	40

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	9000 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B26	35

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	900 NORTHGATE DR	NNW 0 - 1/8 (0.020 mi.)	E41	59
Not reported	930 DEL PRESIDIO BL	N 0 - 1/8 (0.029 mi.)	F47	99
Not reported	496 LAS GALLINAS AV	E 0 - 1/8 (0.037 mi.)	D58	124
Not reported	949 DEL PRESIDIO BL	N 0 - 1/8 (0.058 mi.)	E60	125

EDR Hist Cleaner: 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	8985 NORTHGATE MALL	0 - 1/8 (0.000 mi.)	B29	40
Not reported	412 LAS GALLINAS AV	E 0 - 1/8 (0.012 mi.)	D39	56
Not reported	206 NORTHGATE ONE	NNW 0 - 1/8 (0.120 mi.)	H70	141

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

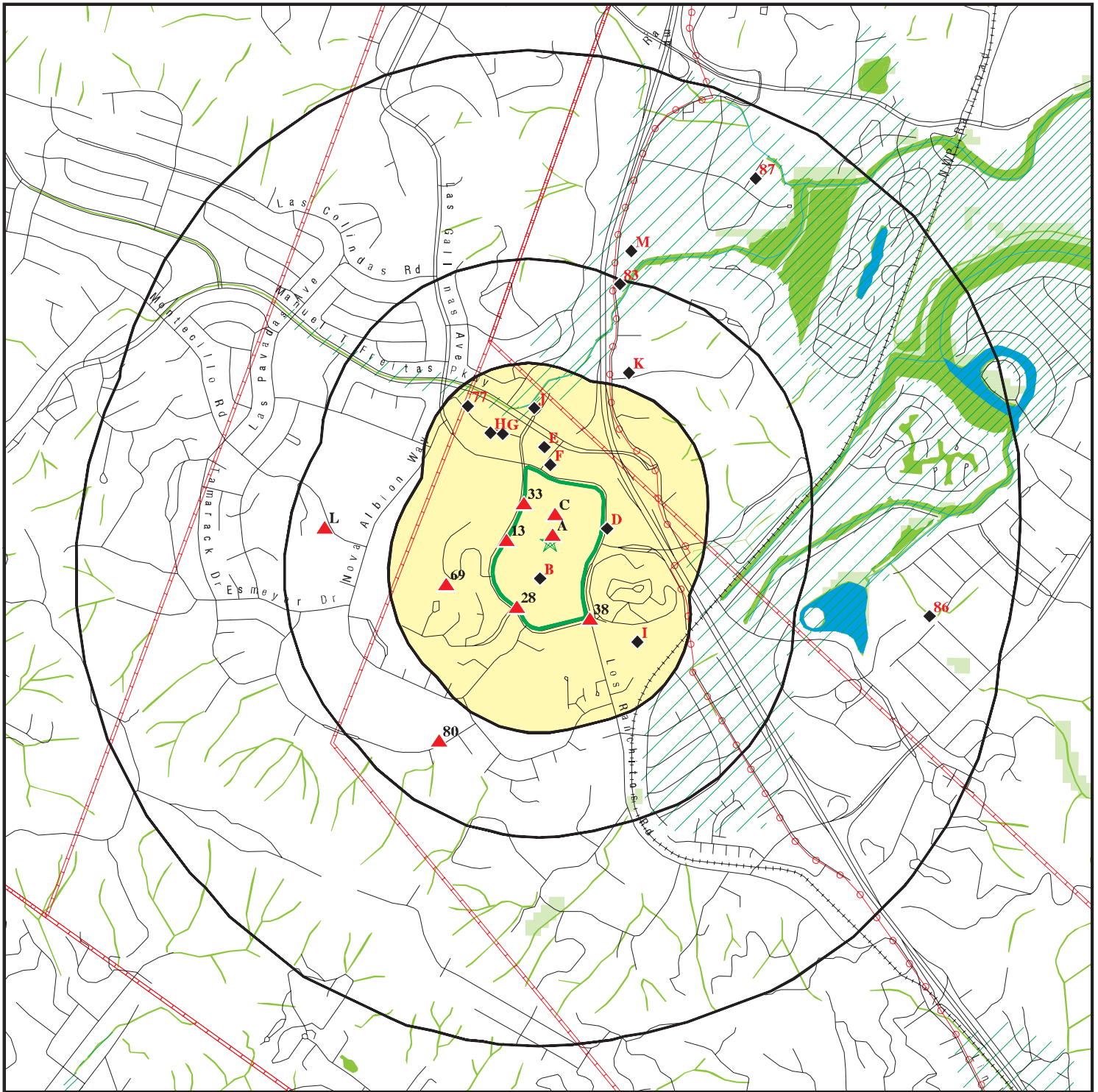
Site Name

Database(s)

MACY'S WEST INC NORTHGATE

HAZNET

OVERVIEW MAP - 4789862.2S



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

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

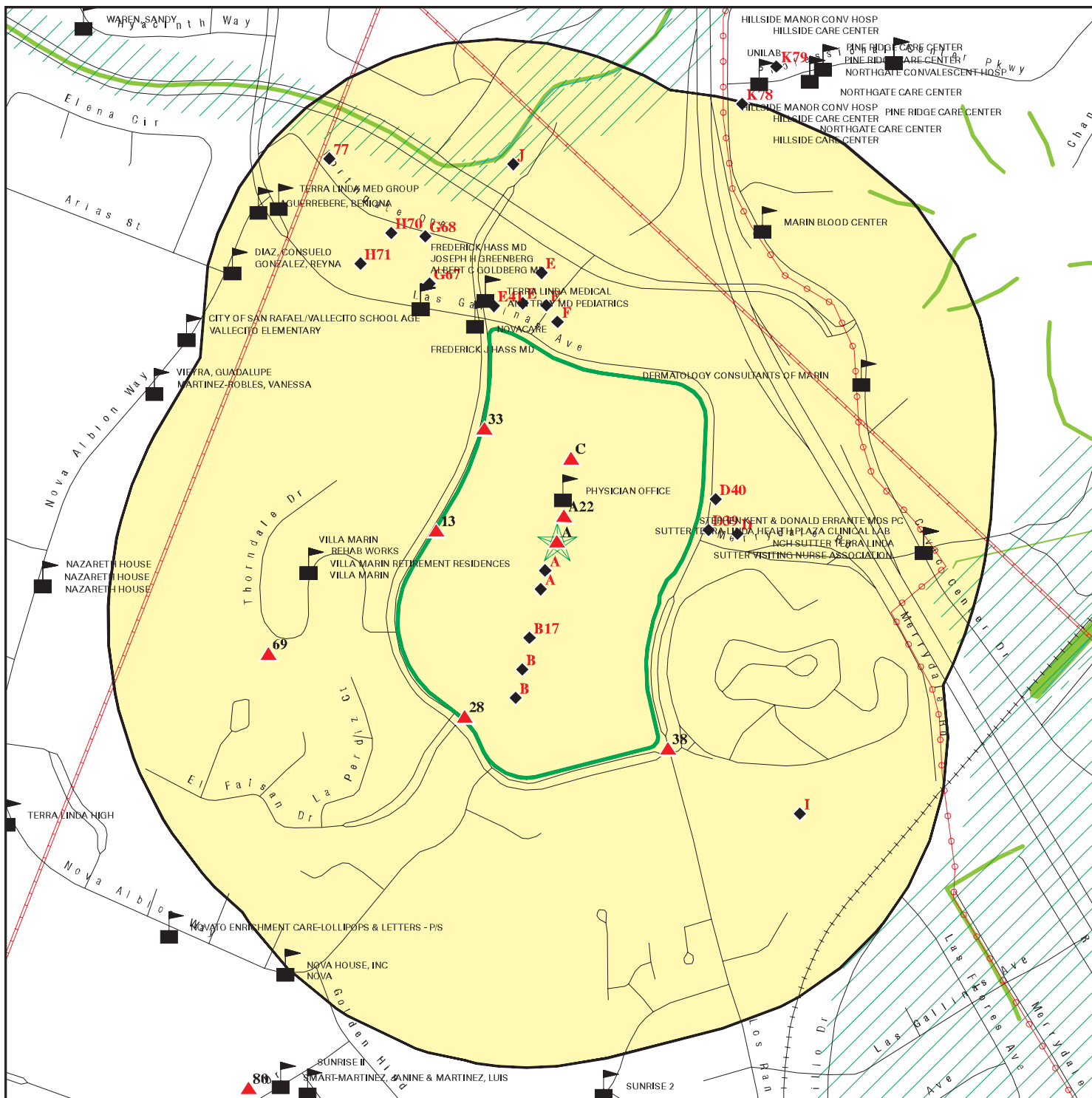


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Northgate Mall
 ADDRESS: 5800 NORTHGATE DR
 SAN RAFAEL CA 94903
 LAT/LONG: 38.003884 / 122.544308

CLIENT: Tor Environmental, Inc.
 CONTACT: Mary Litzenberg
 INQUIRY #: 4789862.2s
 DATE: November 28, 2016 9:15 pm

DETAIL MAP - 4789862.2S



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

Power transmission lines

Pipelines

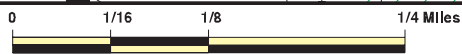
100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

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: Northgate Mall
 ADDRESS: 5800 NORTHGATE DR
 SAN RAFAEL CA 94903
 LAT/LONG: 38.003884 / 122.544308

CLIENT: Tor Environmental, Inc.
 CONTACT: Mary Litzenberg
 INQUIRY #: 4789862.2s
 DATE: November 28, 2016 9:17 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	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>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<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		6	0	NR	NR	NR	6
RCRA-SQG	0.250	1	5	2	NR	NR	NR	8
RCRA-CESQG	0.250		1	0	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001	1	0	NR	NR	NR	NR	1
<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	2	NR	3
<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		6	1	4	NR	NR	11

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 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
SLIC	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		5	2	NR	NR	NR	7
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		4	2	NR	NR	NR	6
HIST UST	0.250		7	2	NR	NR	NR	9
CA FID UST	0.250		4	2	NR	NR	NR	6
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001	1	1	NR	NR	NR	NR	2
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	1	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	5	NR	NR	NR	NR	6
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001	1	3	NR	NR	NR	NR	4
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	3	16	NR	NR	NR	NR	19
HIST CORTESE	0.500		4	1	3	NR	NR	8
HWP	1.000		0	0	0	1	NR	1
HWT	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001	1	0	NR	NR	NR	NR	1
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	2	NR	2
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ABANDONED MINES			NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
ECHO	0.001	1	2	NR	NR	NR	NR	3

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		6	NR	NR	NR	NR	6
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		10	80	13	8	6	0	117
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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

A1 **WALDEN BOOK CO**
Target **5800 NORTHGATE DR SPACE 83**
Property **SAN RAFAEL, CA 94903**

HAZNET **S112881281**
 N/A

Site 1 of 19 in cluster A

Actual: **HAZNET:**
42 ft. envid: S112881281
 Year: 1997
 GEPAID: CAC001309496
 Contact: WALDEN BOOK CO
 Telephone: 0000000000
 Mailing Name: Not reported
 Mailing Address: PO BOX 996
 Mailing City,St,Zip: ANN ARBOR, MI 481000000
 Gen County: Not reported
 TSD EPA ID: CAD028409019
 TSD County: Not reported
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Tons: .0200
 Cat Decode: Unspecified oil-containing waste
 Method Decode: Transfer Station
 Facility County: Marin

A2 **MACERICH**
Target **5800 NORTHGATE MALL DR**
Property **SAN RAFAEL, CA 94903**

EMI **S113748462**
 N/A

Site 2 of 19 in cluster A

Actual: **EMI:**
42 ft. Year: 2009
 County Code: 21
 Air Basin: SF
 Facility ID: 19472
 Air District Name: BA
 SIC Code: 6512
 Air District Name: BAY AREA 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: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0

 Year: 2010
 County Code: 21
 Air Basin: SF
 Facility ID: 19472
 Air District Name: BA
 SIC Code: 6512
 Air District Name: BAY AREA 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MACERICH (Continued)

S113748462

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2011
County Code: 21
Air Basin: SF
Facility ID: 19472
Air District Name: BA
SIC Code: 6512
Air District Name: BAY AREA 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: 0.001
NOX - Oxides of Nitrogen Tons/Yr: 0.001
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2012
County Code: 21
Air Basin: SF
Facility ID: 19472
Air District Name: BA
SIC Code: 6512
Air District Name: BAY AREA 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: 0.001
NOX - Oxides of Nitrogen Tons/Yr: 0.001
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2013
County Code: 21
Air Basin: SF
Facility ID: 19472
Air District Name: BA
SIC Code: 6512
Air District Name: BAY AREA 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: 0.001
NOX - Oxides of Nitrogen Tons/Yr: 0.002
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MACERICH (Continued)

S113748462

Year: 2014
 County Code: 21
 Air Basin: SF
 Facility ID: 19472
 Air District Name: BA
 SIC Code: 6512
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0.000131445
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0.000986377
 NOX - Oxides of Nitrogen Tons/Yr: 0.002170427
 SOX - Oxides of Sulphur Tons/Yr: 4.241e-006
 Particulate Matter Tons/Yr: 0.000109829
 Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.000105436

**A3
 Target
 Property**

**5800 NORTHGATE MALL
 SAN RAFAEL, CA**

**ERNS 97412190
 N/A**

Site 3 of 19 in cluster A

**Actual:
 42 ft.**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

**A4
 Target
 Property**

**NORTHGATE MALL
 5800 NORTHGATE MALL
 SAN RAFAEL, CA 94901**

**RCRA-SQG 1000409456
 CHMIRS CAD981422736
 FINDS
 ECHO**

Site 4 of 19 in cluster A

**Actual:
 42 ft.**

RCRA-SQG:
 Date form received by agency: 07/05/1991
 Facility name: NORTHGATE MALL
 Facility address: 5800 NORTHGATE MALL
 SAN RAFAEL, CA 94901
 EPA ID: CAD981422736
 Mailing address: NORTHGATE MALL
 SAN RAFAEL, CA 94901
 Contact: APTAKER ROBERT
 Contact address: 5800 NORTHGATE MALL
 SAN RAFAEL, CA 94901
 Contact country: US
 Contact telephone: (805) 650-0589
 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: MACERICH

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE MALL (Continued)

1000409456

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
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

Violation Status: No violations found

CHMIRS:

OES Incident Number: 7-4590
OES notification: 11/19/1997
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE MALL (Continued)

1000409456

Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1997
Agency:	PG&E
Incident Date:	11/18/199712:00:00 AM
Admin Agency:	San Rafael Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Utilities/Substation
E Date:	Not reported
Substance:	Transformer oil
Gallons:	125
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Subsurface transformer failes, oil contained in vault.

FINDS:

Registry ID: 110002700701

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)
provides California with information on hazardous waste shipments for

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NORTHGATE MALL (Continued)

1000409456

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.

STATE MASTER

Registry ID: 110058346838

Environmental Interest/Information System
 AIR EMISSIONS CLASSIFICATION UNKNOWN

ECHO:

Envid: 1000409456
 Registry ID: 110002700701
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002700701

**A5
 Target
 Property**

**NORTHGATE MALL
 5800 NORTHGATE MALL
 SAN RAFAEL, CA 94903**

**HAZNET S112970626
 N/A**

Site 5 of 19 in cluster A

**Actual:
 42 ft.**

HAZNET:
 envid: S112970626
 Year: 2008
 GEPAID: CAC002630992
 Contact: ALADDIN GHAFARI
 Telephone: 3108996387
 Mailing Name: Not reported
 Mailing Address: 401 WILSHIRE BLVD STE 700
 Mailing City, St, Zip: SANTA MONICA, CA 90401
 Gen County: Not reported
 TSD EPA ID: CAL000190080
 TSD County: Not reported
 Waste Category: Asbestos containing waste
 Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
 Tons: 27.2
 Cat Decode: Asbestos containing waste
 Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
 Facility County: Marin

envid: S112970626
 Year: 2008
 GEPAID: CAC002630992
 Contact: ALADDIN GHAFARI
 Telephone: 3108996387
 Mailing Name: Not reported
 Mailing Address: 401 WILSHIRE BLVD STE 700

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE MALL (Continued)

S112970626

Mailing City,St,Zip: SANTA MONICA, CA 90401
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.6856
Cat Decode: Other inorganic solid waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

**A6
Target
Property**

**NORTHGATE MALL
5800 NORTHGATE DR
SAN RAFAEL, CA 94903**

**HAZNET S118230153
N/A**

Site 6 of 19 in cluster A

**Actual:
42 ft.**

HAZNET:
envid: S118230153
Year: 2014
GEPaid: CAD981422736
Contact: ALADDIN GHAFARI/AVP ENVT'L
Telephone: 3103946000
Mailing Name: Not reported
Mailing Address: 401 WILSHIRE BLVD
Mailing City,St,Zip: SANTA MONICA, CA 904010000
Gen County: Marin
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03336
Cat Decode: Alkaline solution without metals pH >= 12.5
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

envid: S118230153
Year: 2014
GEPaid: CAD981422736
Contact: ALADDIN GHAFARI/AVP ENVT'L
Telephone: 3103946000
Mailing Name: Not reported
Mailing Address: 401 WILSHIRE BLVD
Mailing City,St,Zip: SANTA MONICA, CA 904010000
Gen County: Marin
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0011
Cat Decode: Laboratory waste chemicals
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE MALL (Continued)

S118230153

Facility County: Marin

envid: S118230153
Year: 2014
GEPaid: CAD981422736
Contact: ALADDIN GHAFARI/AVP ENVT'L
Telephone: 3103946000
Mailing Name: Not reported
Mailing Address: 401 WILSHIRE BLVD
Mailing City,St,Zip: SANTA MONICA, CA 904010000
Gen County: Marin
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Paint sludge
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0625
Cat Decode: Paint sludge
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

envid: S118230153
Year: 2014
GEPaid: CAD981422736
Contact: ALADDIN GHAFARI/AVP ENVT'L
Telephone: 3103946000
Mailing Name: Not reported
Mailing Address: 401 WILSHIRE BLVD
Mailing City,St,Zip: SANTA MONICA, CA 904010000
Gen County: Marin
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.015
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

**A7
Target
Property**

**RENOVATION OF THE MALL AT NORTHGATE
5800 NORTHGATE MALL
SAN RAFAEL, CA 94903**

**NPDES S118604988
N/A**

Site 7 of 19 in cluster A

**Actual:
42 ft.**

NPDES:
Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 2
Regulatory Measure Id: 369634
Order No: Not reported
Regulatory Measure Type: Construction
Place Id: Not reported
WDID: 2 21C355998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RENOVATION OF THE MALL AT NORTHGATE (Continued)

S118604988

Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	9/2/2010
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	8/6/2009
PROCESSED DATE:	8/12/2009
STATUS CODE NAME:	Terminated
STATUS DATE:	9/2/2010
PLACE SIZE:	23
PLACE SIZE UNIT:	52
FACILITY CONTACT NAME:	Jim Lyons
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	916-439-2004
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Macerich Co
OPERATOR ADDRESS:	401 Wilshire Blvd Ste 700
OPERATOR CITY:	Santa Monica
OPERATOR STATE:	California
OPERATOR ZIP:	90401
OPERATOR CONTACT NAME:	Dan Griffin
OPERATOR CONTACT TITLE:	Sr PM
OPERATOR CONTACT PHONE:	602-953-6548
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Macerich Co
DEVELOPER ADDRESS:	401 Wilshire Blvd Ste 700
DEVELOPER CITY:	Santa Monica
DEVELOPER STATE:	California
DEVELOPER ZIP:	90401
DEVELOPER CONTACT NAME:	Dan Griffin
DEVELOPER CONTACT TITLE:	Sr PM
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Y
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RENOVATION OF THE MALL AT NORTHGATE (Continued)

S118604988

CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	2
Regulatory Measure Id:	344708
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	2 21C351950
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	9/2/2010
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	5/9/2008
PROCESSED DATE:	5/27/2008
STATUS CODE NAME:	Terminated
STATUS DATE:	9/2/2010
PLACE SIZE:	44.75
PLACE SIZE UNIT:	52
FACILITY CONTACT NAME:	Anthony Edwards
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	415-479-5956
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Macerich
OPERATOR ADDRESS:	401 Wilshire Blvd Ste 700
OPERATOR CITY:	Santa Monica
OPERATOR STATE:	California
OPERATOR ZIP:	90401
OPERATOR CONTACT NAME:	Chuck Davis
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	310-394-6000
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Macerich
DEVELOPER ADDRESS:	401 Wilshire Blvd Ste 700
DEVELOPER CITY:	Santa Monica
DEVELOPER STATE:	California
DEVELOPER ZIP:	90401
DEVELOPER CONTACT NAME:	Chuck Davis

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RENOVATION OF THE MALL AT NORTHGATE (Continued)

S118604988

DEVELOPER CONTACT TITLE: Not reported
CONSTYPE LINEAR UTILITY IND: Not reported
EMERGENCY PHONE NO: Not reported
EMERGENCY PHONE EXT: Not reported
CONSTYPE ABOVE GROUND IND: Not reported
CONSTYPE BELOW GROUND IND: Not reported
CONSTYPE CABLE LINE IND: Not reported
CONSTYPE COMM LINE IND: Not reported
CONSTYPE COMMERCIAL IND: Y
CONSTYPE ELECTRICAL LINE IND: Not reported
CONSTYPE GAS LINE IND: Not reported
CONSTYPE INDUSTRIAL IND: Not reported
CONSTYPE OTHER DESCRIPTION: Not reported
CONSTYPE OTHER IND: Not reported
CONSTYPE RECONS IND: Y
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: Not reported
RECEIVING WATER NAME: San Pablo Bay
CERTIFIER NAME: Not reported
CERTIFIER TITLE: Not reported
CERTIFICATION DATE: Not reported
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

A8

**KOHL'S DEPARTMENT STORES INC #1379
5010 NORTHGATE MALL
SAN RAFAEL, CA 94903**

**HAZNET S118232054
N/A**

**< 1/8
1 ft.**

Site 8 of 19 in cluster A

**Relative:
Lower**

HAZNET:

envid: S118232054

Year: 2014

**Actual:
37 ft.**

GEPaid: CAL000356746

Contact: RYAN PIEDOT

Telephone: 2627037019

Mailing Name: Not reported

Mailing Address: P.O. BOX 3156

Mailing City,St,Zip: MILWAUKEE, WI 532010000

Gen County: Marin

TSD EPA ID: NVD980895338

TSD County: 99

Waste Category: Latex waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Tons: 0.1335

Cat Decode: Latex waste

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Facility County: Marin

envid: S118232054

Year: 2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KOHL'S DEPARTMENT STORES INC #1379 (Continued)

S118232054

GEPaid: CAL000356746
Contact: RYAN PIEDOT
Telephone: 2627037019
Mailing Name: Not reported
Mailing Address: P.O. BOX 3156
Mailing City,St,Zip: MILWAUKEE, WI 532010000
Gen County: Marin
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Adhesives
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.045
Cat Decode: Adhesives
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

envid: S118232054
Year: 2014
GEPaid: CAL000356746
Contact: RYAN PIEDOT
Telephone: 2627037019
Mailing Name: Not reported
Mailing Address: P.O. BOX 3156
Mailing City,St,Zip: MILWAUKEE, WI 532010000
Gen County: Marin
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: Not reported
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

A9

**MERVYN'S
5010 NORTHGATE MALL
SAN RAFAEL, CA 94903**

**HAZNET S112956474
N/A**

**< 1/8
1 ft.**

Site 9 of 19 in cluster A

**Relative:
Lower**

HAZNET:
envid: S112956474
Year: 2006

**Actual:
37 ft.**

GEPaid: CAC002608547
Contact: ARMIN KOROGHLI EX 02
Telephone: 8006698862
Mailing Name: Not reported
Mailing Address: 30202 ESPERANZA
Mailing City,St,Zip: RANCHO SANTA MARGARI, CA 926882121
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERVYN'S (Continued)

S112956474

(H010-H129) Or (H131-H135)
Tons: 0.16
Cat Decode: Unspecified oil-containing waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Marin

A10

**MERVYNS STORE #146
5010 NORTHGATE MALL
SAN RAFAEL, CA 94903**

**EMI S108751103
N/A**

< 1/8
1 ft.

Site 10 of 19 in cluster A

**Relative:
Lower**

EMI:
Year: 2007
County Code: 21
Air Basin: SF
Facility ID: 17880
Air District Name: BA
SIC Code: 5651
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .001
Reactive Organic Gases Tons/Yr: .0008367
Carbon Monoxide Emissions Tons/Yr: .002
NOX - Oxides of Nitrogen Tons/Yr: .007
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .001
Part. Matter 10 Micrometers and Smlr Tons/Yr:.000976

**Actual:
37 ft.**

Year: 2008
County Code: 21
Air Basin: SF
Facility ID: 17880
Air District Name: BA
SIC Code: 5651
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .001
Reactive Organic Gases Tons/Yr: .0008367
Carbon Monoxide Emissions Tons/Yr: .002
NOX - Oxides of Nitrogen Tons/Yr: .007
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .001
Part. Matter 10 Micrometers and Smlr Tons/Yr:.000976

MAP FINDINGS

Map ID Direction Distance Elevation		Database(s)	EDR ID Number EPA ID Number
--	--	-------------	--------------------------------

A11	MERVYNS STORE #146	FINDS	1015951069
< 1/8	5010 NORTHGATE MALL		N/A
1 ft.	SAN RAFAEL, CA 94903		

Site 11 of 19 in cluster A

Relative: Lower	FINDS:	
	Registry ID:	110054285199
	Environmental Interest/Information System	AIR EMISSIONS CLASSIFICATION UNKNOWN
Actual: 37 ft.	Registry ID:	110058316905
	Environmental Interest/Information System	AIR EMISSIONS CLASSIFICATION UNKNOWN

A12	KOHL'S DEPARTMENT STORE	HAZNET	S112981424
< 1/8	5010 NORTHGATE MALL		N/A
1 ft.	SAN RAFAEL, CA 94903		

Site 12 of 19 in cluster A

Relative: Lower	HAZNET:	
	envid:	S112981424
	Year:	2009
Actual: 37 ft.	GEPaid:	CAC002648311
	Contact:	MIKE RAAB
	Telephone:	2627031659
	Mailing Name:	Not reported
	Mailing Address:	5010 NORTHGATE MALL
	Mailing City,St,Zip:	SAN RAFAEL, CA 949033628
	Gen County:	Not reported
	TSD EPA ID:	CAD980887418
	TSD County:	Not reported
	Waste Category:	Unspecified oil-containing waste
	Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
	Tons:	3.26928
	Cat Decode:	Unspecified oil-containing waste
	Method Decode:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
	Facility County:	Marin

13	LENSCRAFTERS #793	HAZNET	S113086570
< 1/8	3840 NORTHGATE DR		N/A
1 ft.	SAN RAFAEL, CA 94903		

Relative: Higher	HAZNET:	
	envid:	S113086570
	Year:	2008
Actual: 78 ft.	GEPaid:	CAL000161978
	Contact:	GRACE HAGGARD
	Telephone:	5137653384
	Mailing Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LENSCRAFTERS #793 (Continued)

S113086570

Mailing Address: 4000 LUXOTTICA PL
Mailing City,St,Zip: MASON, OH 45040
Gen County: Not reported
TSD EPA ID: MOD981123391
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0075
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

envid: S113086570
Year: 2007
GEPaid: CAL000161978
Contact: GRACE HAGGARD
Telephone: 5137653384
Mailing Name: Not reported
Mailing Address: 4000 LUXOTTICA PL
Mailing City,St,Zip: MASON, OH 45040
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.04
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

envid: S113086570
Year: 2007
GEPaid: CAL000161978
Contact: GRACE HAGGARD
Telephone: 5137653384
Mailing Name: Not reported
Mailing Address: 4000 LUXOTTICA PL
Mailing City,St,Zip: MASON, OH 45040
Gen County: Not reported
TSD EPA ID: MOD981123391
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

envid: S113086570
Year: 2006
GEPaid: CAL000161978

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LENSCRAFTERS #793 (Continued)

S113086570

Contact: GRACE HAGGARD
Telephone: 5137656278
Mailing Name: Not reported
Mailing Address: 4000 LUXOTTICA PL
Mailing City,St,Zip: MASON, OH 45040
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.01
Cat Decode: Other organic solids
Method Decode: Transfer Station
Facility County: Marin

envid: S113086570
Year: 2006
GEPaid: CAL000161978
Contact: GRACE HAGGARD
Telephone: 5137656278
Mailing Name: Not reported
Mailing Address: 4000 LUXOTTICA PL
Mailing City,St,Zip: MASON, OH 45040
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.12
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

[Click this hyperlink](#) while viewing on your computer to access 3 additional CA_HAZNET: record(s) in the EDR Site Report.

B14

**SEARS ROEBUCK AND CO 8108
8108 NORTHGATE MALL
SAN RAFAEL, CA 94577**

**RCRA-SQG 1004678399
CAR000108563**

< 1/8
1 ft.

Site 1 of 10 in cluster B

**Relative:
Lower**

RCRA-SQG:
Date form received by agency: 11/06/2001
Facility name: SEARS ROEBUCK AND CO 8108
Facility address: 8108 NORTHGATE MALL
SAN RAFAEL, CA 94577
EPA ID: CAR000108563
Mailing address: 3333 BEVERLY RD
A 2 238 A
HOFFMAN ESTATES, IL 601793322
Contact: KATHLEEN FLAHERTY
Contact address: 3333 BEVERLY RD A 2 238 A
HOFFMAN ESTATES, IL 601793322
Contact country: US
Contact telephone: (847) 286-7199

**Actual:
35 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS ROEBUCK AND CO 8108 (Continued)

1004678399

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: NORTHGATE MALL ASSOC
Owner/operator address: 5800 NORTHGATE
SAN RAFAEL, CA 94577
Owner/operator country: Not reported
Owner/operator telephone: N A
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

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B15 **SEARS, ROEBUCK & CO.**
8108 NORTHGATE MALL
< 1/8 **SAN RAFAEL, CA 94577**
1 ft.

HAZNET **S113176366**
N/A

Site 2 of 10 in cluster B

Relative:
Lower

HAZNET:

envid: S113176366
Year: 2008
GEPaid: CAR000108563
Contact: MICHAEL OLSEN/DIR. ENV. AFFAIRS
Telephone: 8472867222
Mailing Name: Not reported
Mailing Address: 3333 BEVERLY RD B5-362A
Mailing City,St,Zip: Hoffman Estates, IL 601790000
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.66
Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Marin

Actual:
35 ft.

envid: S113176366
Year: 2008
GEPaid: CAR000108563
Contact: MICHAEL OLSEN/DIR. ENV. AFFAIRS
Telephone: 8472867222
Mailing Name: Not reported
Mailing Address: 3333 BEVERLY RD B5-362A
Mailing City,St,Zip: Hoffman Estates, IL 601790000
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.66
Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Marin

envid: S113176366
Year: 2004
GEPaid: CAR000108563
Contact: K FLAHERTY, ENV. SPECIAL
Telephone: 8472867199
Mailing Name: Not reported
Mailing Address: 3333 Beverly Rd
Mailing City,St,Zip: Hoffman Estates, IL 601793322
Gen County: Not reported
TSD EPA ID: KYD053348108
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Not reported
Tons: 0.07
Cat Decode: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Decode: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS, ROEBUCK & CO. (Continued)

S113176366

Facility County: Marin

envid: S113176366
Year: 2004
GEPAID: CAR000108563
Contact: K FLAHERTY, ENV. SPECIAL
Telephone: 8472867199
Mailing Name: Not reported
Mailing Address: 3333 Beverly Rd
Mailing City,St,Zip: Hoffman Estates, IL 601793322
Gen County: Not reported
TSD EPA ID: KYD053348108
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Not reported
Tons: 0.07
Cat Decode: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Decode: Not reported
Facility County: Marin

A16

**EXPRESSLY PORTRAITS INC
5600 NORTHGATE MALL
SAN RAFAEL, CA 94903**

**RCRA-SQG 1000857329
FINDS CAD983667429
ECHO**

< 1/8
1 ft.

Site 13 of 19 in cluster A

**Relative:
Lower**

RCRA-SQG:
Date form received by agency: 05/06/1993
Facility name: EXPRESSLY PORTRAITS INC
Facility address: 5600 NORTHGATE MALL
SAN RAFAEL, CA 94903

EPA ID: CAD983667429
Contact: MEL ORCHARD
Contact address: 1151 TRITON DR STE C
FOSTER CITY, CA 94404

Contact country: US
Contact telephone: (415) 578-9291
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

**Actual:
38 ft.**

Owner/Operator Summary:
Owner/operator name: EXPRESSLY PORTRAITS INC
Owner/operator address: 1151 TRITON DR STE C
FOSTER CITY, CA 94404

Owner/operator country: Not reported
Owner/operator telephone: (415) 578-9291
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXPRESSLY PORTRAITS INC (Continued)

1000857329

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

Violation Status: No violations found

FINDS:

Registry ID: 110008285015

Environmental Interest/Information System

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.

ECHO:

Envid: 1000857329
Registry ID: 110008285015
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110008285015

B17

**RITZ CAMERA CENTERS #267
7120 NORTHGATE MALL
SAN RAFAEL, CA 94903**

**HAZNET S113164608
N/A**

**< 1/8
1 ft.**

Site 3 of 10 in cluster B

**Relative:
Lower**

HAZNET:

envid: S113164608
Year: 1993

**Actual:
35 ft.**

GEPaid: CAL920295558
Contact: RITZ CAMERA CENTERS INC
Telephone: 3014190000
Mailing Name: Not reported
Mailing Address: 6711 RITZ WAY
Mailing City, St, Zip: BELTSVILLE, MD 207050000
Gen County: Not reported
TSD EPA ID: NJD986605186
TSD County: Not reported
Waste Category: Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: Recycler

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITZ CAMERA CENTERS #267 (Continued)

S113164608

Tons: 2.50000000000
Cat Decode: Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Method Decode: Recycler
Facility County: San Mateo

A18
< 1/8
1 ft.

EXPRESSLY PORTRAITS
5600 NORTHGATE MALL
SAN RAFAEL, CA 94903

HAZNET S113046256
N/A

Site 14 of 19 in cluster A

Relative:
Lower

HAZNET:
envid: S113046256
Year: 1993
GEPaid: CAL000063439
Contact: THE PICTURE PEOPLE INC
Telephone: 6505789291
Mailing Name: Not reported
Mailing Address: 1157 TRITON DR STE B
Mailing City,St,Zip: FOSTER CITY, CA 944041213
Gen County: Not reported
TSD EPA ID: NMD097970065
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.1042
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Recycler
Facility County: Marin

Actual:
38 ft.

A19
< 1/8
1 ft.

THE PICTURE PEOPLE INC #6
5600 NORTHGATE MALL
SAN RAPHAEL, CA 94903

HAZNET S113019418
N/A

Site 15 of 19 in cluster A

Relative:
Lower

HAZNET:
envid: S113019418
Year: 2002
GEPaid: CAD983667429
Contact: SCOTT YARDLEY
Telephone: 6505789291
Mailing Name: Not reported
Mailing Address: 1157 TRITON DRIVE SUITE B
Mailing City,St,Zip: FOSTER CITY, CA 944041213
Gen County: Not reported
TSD EPA ID: NVR000043927
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.22
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Recycler
Facility County: Marin

Actual:
38 ft.

envid: S113019418

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE PICTURE PEOPLE INC #6 (Continued)

S113019418

Year: 2002
GEPaid: CAD983667429
Contact: SCOTT YARDLEY
Telephone: 6505789291
Mailing Name: Not reported
Mailing Address: 1157 TRITON DRIVE SUITE B
Mailing City,St,Zip: FOSTER CITY, CA 944041213
Gen County: Not reported
TSD EPA ID: NVR000043927
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.22
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Recycler
Facility County: Marin

envid: S113019418
Year: 2002
GEPaid: CAD983667429
Contact: SCOTT YARDLEY
Telephone: 6505789291
Mailing Name: Not reported
Mailing Address: 1157 TRITON DRIVE SUITE B
Mailing City,St,Zip: FOSTER CITY, CA 944041213
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 4.85
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Recycler
Facility County: Marin

envid: S113019418
Year: 2002
GEPaid: CAD983667429
Contact: SCOTT YARDLEY
Telephone: 6505789291
Mailing Name: Not reported
Mailing Address: 1157 TRITON DRIVE SUITE B
Mailing City,St,Zip: FOSTER CITY, CA 944041213
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 4.85
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Recycler
Facility County: Marin

envid: S113019418
Year: 2001
GEPaid: CAD983667429
Contact: SCOTT YARDLEY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE PICTURE PEOPLE INC #6 (Continued)

S113019418

Telephone: 6505789291
Mailing Name: Not reported
Mailing Address: 1157 TRITON DRIVE SUITE B
Mailing City,St,Zip: FOSTER CITY, CA 944041213
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 3.29
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Recycler
Facility County: Marin

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

A20
< 1/8
1 ft.

MERVYN'S
5010 NORTHGATE MALL
SAN RAFAEL, CA 94903

HAZNET S112953818
N/A

Site 16 of 19 in cluster A

Relative:
Lower

HAZNET:
envid: S112953818
Year: 2006
Actual:
37 ft.
GEPaid: CAC002604151
Contact: ARMIN KOROGHLI EX 02
Telephone: 8006698862
Mailing Name: Not reported
Mailing Address: 30202 ESPERANZA
Mailing City,St,Zip: RANCHO SANTA MARGARI, CA 926882121
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.41
Cat Decode: Unspecified oil-containing waste
Method Decode: Recycler
Facility County: Marin

A21
< 1/8
1 ft.

KB TOYS
5025 N. GATE MALL
SAN RAFAEL, CA 94903

HAZNET S112905119
N/A

Site 17 of 19 in cluster A

Relative:
Lower

HAZNET:
envid: S112905119
Year: 1999
Actual:
35 ft.
GEPaid: CAC002221441
Contact: KB TOYS
Telephone: 4134963745
Mailing Name: Not reported
Mailing Address: 100 WEST ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KB TOYS (Continued)

S112905119

Mailing City,St,Zip: PITTSFEILD, MA 012010000
Gen County: Not reported
TSD EPA ID: CAD982042475
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: .8428
Cat Decode: Asbestos containing waste
Method Decode: Disposal, Land Fill
Facility County: Marin

A22

**MACY'S WEST STORES, INC
1000 NORTHGATE
SAN RAFAEL, CA 94903**

**FINDS 1016788485
N/A**

< 1/8
1 ft.

Site 18 of 19 in cluster A

**Relative:
Higher**

FINDS:

Registry ID: 110058316754

**Actual:
44 ft.**

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

A23

**KOHL'S DEPARTMENT STORES
5010 NORTHGATE MALL
SAN RAFAEL, CA 94903**

**EMI S113748831
N/A**

< 1/8
1 ft.

Site 19 of 19 in cluster A

**Relative:
Lower**

EMI:

Year: 2009
County Code: 21
Air Basin: SF
Facility ID: 20146
Air District Name: BA
SIC Code: 5651
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.001
Reactive Organic Gases Tons/Yr: 8.367000000000001E-4
Carbon Monoxide Emissions Tons/Yr: 3.000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr: 1.499999999999999E-2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.001
Part. Matter 10 Micrometers and Smlr Tons/Yr:9.759999999999998E-4

**Actual:
37 ft.**

Year: 2010
County Code: 21
Air Basin: SF
Facility ID: 20146
Air District Name: BA
SIC Code: 5651
Air District Name: BAY AREA AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KOHL'S DEPARTMENT STORES (Continued)

S113748831

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.001
Reactive Organic Gases Tons/Yr: 8.367000000000001E-4
Carbon Monoxide Emissions Tons/Yr: 3.000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr: 1.499999999999999E-2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.00102459016393442
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.001

Year: 2011
County Code: 21
Air Basin: SF
Facility ID: 20146
Air District Name: BA
SIC Code: 5651
Air District Name: BAY AREA 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: 0.001
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2012
County Code: 21
Air Basin: SF
Facility ID: 20146
Air District Name: BA
SIC Code: 5651
Air District Name: BAY AREA 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: 0.001
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

B24 **JIFFY LUBE #1590**
9000 NORTHGATE MALL
< 1/8 **SAN RAFAEL, CA 94903**
1 ft.

AST 1007676759
FINDS N/A

Site 4 of 10 in cluster B

Relative: AST:
Lower Certified Unified Program Agencies: Marin
Owner: FLAMINGO PROPERTIES/JIFFY LUBE
Actual: Total Gallons: 2,100
39 ft. CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JIFFY LUBE #1590 (Continued)

1007676759

Fax: Not reported
 Mailing Address: Not reported
 Mailing Address City: Not reported
 Mailing Address State: Not reported
 Mailing Address Zip Code: Not reported
 Operator Name: Not reported
 Operator Phone: Not reported
 Owner Phone: Not reported
 Owner Mail Address: Not reported
 Owner State: Not reported
 Owner Zip Code: Not reported
 Owner Country: Not reported
 Property Owner Name: Not reported
 Property Owner Phone: Not reported
 Property Owner Mailing Address: Not reported
 Property Owner City: Not reported
 Property Owner Stat : Not reported
 Property Owner Zip Code: Not reported
 Property Owner Country: Not reported
 EPAID: Not reported

FINDS:

Registry ID: 110017959921

Environmental Interest/Information System

UORS (California - Used Oil Recycling System). California Integrated Waste Management Board (CIWMB) helps communities establish and promote convenient collection opportunities for used oil and used oil filters.

B25

**FLAMINGO PROPERTIES/JIFFY LUBE #1590
 9000 NORTHGATE MALL
 SAN RAFAEL, CA 94903**

**HAZNET S113073177
 N/A**

**< 1/8
 1 ft.**

Site 5 of 10 in cluster B

**Relative:
 Lower**

HAZNET:

envid: S113073177
 Year: 2005
 GEPAID: CAL000129019
 Contact: ELISSA STEVENS
 Telephone: 7075425285
 Mailing Name: Not reported
 Mailing Address: 5386 BLUE RIDGE TRAIL
 Mailing City, St, Zip: SANTA ROSA, CA 954043625
 Gen County: Not reported
 TSD EPA ID: NVD980895338
 TSD County: Not reported
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 0.2
 Cat Decode: Unspecified oil-containing waste
 Method Decode: Disposal, Land Fill
 Facility County: Marin

**Actual:
 39 ft.**

envid: S113073177

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLAMINGO PROPERTIES/JIFFY LUBE #1590 (Continued)

S113073177

Year: 2005
GEPAID: CAL000129019
Contact: ELISSA STEVENS
Telephone: 7075425285
Mailing Name: Not reported
Mailing Address: 5386 BLUE RIDGE TRAIL
Mailing City,St,Zip: SANTA ROSA, CA 954043625
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Land Fill
Tons: 0.2
Cat Decode: Unspecified oil-containing waste
Method Decode: Disposal, Land Fill
Facility County: Marin

envid: S113073177
Year: 2005
GEPAID: CAL000129019
Contact: ELISSA STEVENS
Telephone: 7075425285
Mailing Name: Not reported
Mailing Address: 5386 BLUE RIDGE TRAIL
Mailing City,St,Zip: SANTA ROSA, CA 954043625
Gen County: Not reported
TSD EPA ID: WAD991281767
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: 0.5
Cat Decode: Unspecified oil-containing waste
Method Decode: Not reported
Facility County: Marin

envid: S113073177
Year: 2005
GEPAID: CAL000129019
Contact: ELISSA STEVENS
Telephone: 7075425285
Mailing Name: Not reported
Mailing Address: 5386 BLUE RIDGE TRAIL
Mailing City,St,Zip: SANTA ROSA, CA 954043625
Gen County: Not reported
TSD EPA ID: WAD991281767
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: 0.5
Cat Decode: Unspecified oil-containing waste
Method Decode: Not reported
Facility County: Marin

envid: S113073177
Year: 2004
GEPAID: CAL000129019
Contact: ELISSA STEVENS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLAMINGO PROPERTIES/JIFFY LUBE #1590 (Continued)

S113073177

Telephone: 7075425285
Mailing Name: Not reported
Mailing Address: 5386 BLUE RIDGE TRAIL
Mailing City,St,Zip: SANTA ROSA, CA 954043625
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Land Fill
Tons: 0.2
Cat Decode: Unspecified oil-containing waste
Method Decode: Disposal, Land Fill
Facility County: Marin

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

B26

< 1/8
1 ft.

**9000 NORTHGATE MALL
SAN RAFAEL, CA 94903**

**EDR Hist Auto 1015667182
N/A**

Site 6 of 10 in cluster B

**Relative:
Lower**

EDR Historical Auto Stations:

**Actual:
39 ft.**

Name: SEARS AUTO CENTER
Year: 1999
Address: 9000 NORTHGATE MALL

Name: JIFFY LUBE AT SEARS AUTO CENTER
Year: 2000
Address: 9000 NORTHGATE MALL

Name: JIFFY LUBE AT SEARS AUTO CTR
Year: 2002
Address: 9000 NORTHGATE MALL

Name: JIFFY LUBE AT SEARS AUTO CTR
Year: 2003
Address: 9000 NORTHGATE MALL

Name: JIFFY LUBE
Year: 2007
Address: 9000 NORTHGATE MALL

Name: SEARS AUTO CENTER ROBOTS INC
Year: 2009
Address: 9000 NORTHGATE MALL

Name: SEARS AUTO CTR
Year: 2010
Address: 9000 NORTHGATE MALL

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

B27 **SEARS, #1528**
9000 NORTHGATE MALL
< 1/8 **SAN RAFAEL, CA 94903**
1 ft.

HIST UST **U001600022**
EMI **N/A**

Site 7 of 10 in cluster B

Relative:
Lower

HIST UST:

Actual:
39 ft.

File Number:	00029381
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029381.pdf
Region:	STATE
Facility ID:	00000002929
Facility Type:	Other
Other Type:	GARAGE
Contact Name:	Not reported
Telephone:	4154723670
Owner Name:	SEARS ROEBUCK & CO
Owner Address:	SEARS TOWER
Owner City,St,Zip:	CHICAGO, IL 60684
Total Tanks:	0007
Tank Num:	001
Container Num:	01
Year Installed:	1972
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	02
Year Installed:	1972
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	03
Year Installed:	1972
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	04
Year Installed:	1972
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	005
Container Num:	05
Year Installed:	1972

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS, #1528 (Continued)

U00160022

Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 006
Container Num: 06
Year Installed: 1972
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 007
Container Num: 07
Year Installed: 1972
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

EMI:

Year: 2006
County Code: 21
Air Basin: SF
Facility ID: 16808
Air District Name: BA
SIC Code: 5311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .036
Reactive Organic Gases Tons/Yr: .0032904
Carbon Monoxide Emissions Tons/Yr: .011
NOX - Oxides of Nitrogen Tons/Yr: .087
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2007
County Code: 21
Air Basin: SF
Facility ID: 16808
Air District Name: BA
SIC Code: 5311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .036
Reactive Organic Gases Tons/Yr: .0032904
Carbon Monoxide Emissions Tons/Yr: .011
NOX - Oxides of Nitrogen Tons/Yr: .087

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS, #1528 (Continued)

U001600022

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2008
County Code: 21
Air Basin: SF
Facility ID: 16808
Air District Name: BA
SIC Code: 5311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .031
Reactive Organic Gases Tons/Yr: .0028334
Carbon Monoxide Emissions Tons/Yr: .005
NOX - Oxides of Nitrogen Tons/Yr: .038
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2009
County Code: 21
Air Basin: SF
Facility ID: 16808
Air District Name: BA
SIC Code: 5311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.031
Reactive Organic Gases Tons/Yr: 2.8333999999999998E-3
Carbon Monoxide Emissions Tons/Yr: 5.0000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr: 3.7999999999999999E-2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2010
County Code: 21
Air Basin: SF
Facility ID: 16808
Air District Name: BA
SIC Code: 5311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.2999999999999999E-2
Reactive Organic Gases Tons/Yr: 1.1881999999999999E-3
Carbon Monoxide Emissions Tons/Yr: 0.002
NOX - Oxides of Nitrogen Tons/Yr: 0.016
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2011
County Code: 21

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS, #1528 (Continued)

U001600022

Air Basin: SF
Facility ID: 16808
Air District Name: BA
SIC Code: 5311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.013
Reactive Organic Gases Tons/Yr: 0.0011882
Carbon Monoxide Emissions Tons/Yr: 0.002
NOX - Oxides of Nitrogen Tons/Yr: 0.016
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2012
County Code: 21
Air Basin: SF
Facility ID: 16808
Air District Name: BA
SIC Code: 5311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.013
Reactive Organic Gases Tons/Yr: 0.0011882
Carbon Monoxide Emissions Tons/Yr: 0.002
NOX - Oxides of Nitrogen Tons/Yr: 0.016
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2013
County Code: 21
Air Basin: SF
Facility ID: 16808
Air District Name: BA
SIC Code: 5311
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.013
Reactive Organic Gases Tons/Yr: 0.0011882
Carbon Monoxide Emissions Tons/Yr: 0.002
NOX - Oxides of Nitrogen Tons/Yr: 0.016
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2014
County Code: 21
Air Basin: SF
Facility ID: 16808
Air District Name: BA
SIC Code: 5311
Air District Name: BAY AREA 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

SEARS, #1528 (Continued)

U001600022

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.012854698
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0.001999499
NOX - Oxides of Nitrogen Tons/Yr: 0.015811074
SOX - Oxides of Sulphur Tons/Yr: 2.642e-006
Particulate Matter Tons/Yr: 4.65e-005
Part. Matter 10 Micrometers and Smlr Tons/Yr:4.65e-005

28

**EDR Hist Auto 1015667181
N/A**

**< 1/8
1 ft.**

**9000 NORTHGATE DR
SAN RAFAEL, CA 94903**

EDR Historical Auto Stations:

**Relative:
Higher**

Name: SEARS AUTO CENTER
Year: 2011
Address: 9000 NORTHGATE DR

**Actual:
56 ft.**

B29

**EDR Hist Cleaner 1015103696
N/A**

**< 1/8
1 ft.**

**8985 NORTHGATE MALL
SAN RAFAEL, CA 94903**

Site 8 of 10 in cluster B

**Relative:
Lower**

EDR Historical Cleaners:

Name: FAIRFAX FRENCH CLEANERS INC
Year: 2003
Address: 8985 NORTHGATE MALL

**Actual:
38 ft.**

Name: FAIRFAX FRENCH CLEANERS INC
Year: 2004
Address: 8985 NORTHGATE MALL

B30

**HAZNET S113023187
N/A**

**< 1/8
1 ft.**

**SEARS ROEBUCK & CO
9000 NORTHGATE MALL
SAN RAFAEL, CA 94903**

Site 9 of 10 in cluster B

**Relative:
Lower**

HAZNET:

envid: S113023187
Year: 1994
GEPaid: CAL000004308
Contact: SEARS ROEBUCK & CO
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 9000 NORTHGATE MALL
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Recycler
Tons: .4586

**Actual:
39 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS ROEBUCK & CO (Continued)

S113023187

Cat Decode: Off-specification, aged or surplus organics
Method Decode: Recycler
Facility County: Marin

envid: S113023187
Year: 1994
GEPaid: CAL000004308
Contact: SEARS ROEBUCK & CO
Telephone: 000000000
Mailing Name: Not reported
Mailing Address: 9000 NORTHGATE MALL
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: .6880
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Transfer Station
Facility County: Marin

envid: S113023187
Year: 1994
GEPaid: CAL000004308
Contact: SEARS ROEBUCK & CO
Telephone: 000000000
Mailing Name: Not reported
Mailing Address: 9000 NORTHGATE MALL
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Transfer Station
Tons: .6880
Cat Decode: Alkaline solution without metals pH >= 12.5
Method Decode: Transfer Station
Facility County: Marin

envid: S113023187
Year: 1994
GEPaid: CAL000004308
Contact: SEARS ROEBUCK & CO
Telephone: 000000000
Mailing Name: Not reported
Mailing Address: 9000 NORTHGATE MALL
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Latex waste
Disposal Method: Transfer Station
Tons: 4.1283
Cat Decode: Latex waste
Method Decode: Transfer Station
Facility County: Marin

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEARS ROEBUCK & CO (Continued)

S113023187

envid: S113023187
Year: 1993
GEPaid: CAL000004308
Contact: SEARS ROEBUCK & CO
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 9000 NORTHGATE MALL
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Not reported
Tons: 1.18839999999
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Not reported
Facility County: Marin

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

C31

**RITE AID NO 5958
1500 NORTHGATE MALL
SAN RAFAEL, CA 94903**

**RCRA-LQG 1000978354
FINDS CA0001007533
ECHO**

< 1/8
1 ft.

Site 1 of 5 in cluster C

**Relative:
Higher**

RCRA-LQG:

**Actual:
44 ft.**

Date form received by agency: 07/30/2014
Facility name: RITE AID NO 5958
Facility address: 1500 NORTHGATE MALL
SAN RAFAEL, CA 94903 3671
EPA ID: CA0001007533
Mailing address: 30 HUNTER LN
CAMP HILL, PA 17011
Contact: STEPHANIE A CAIATI
Contact address: 30 HUNTER LN
CAMP HILL, PA 17011
Contact country: US
Contact telephone: 717-730-8225
Contact email: SSCAIATI@RITEAID.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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 5958 (Continued)

1000978354

Owner/operator name: NORTHGATE MALL ASSOCIATES
Owner/operator address: 5800 NORTHGATE DR
SAN RAFAEL, 94903
Owner/operator country: US
Owner/operator telephone: 717-975-8643
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/13/2010
Owner/Op end date: Not reported

Owner/operator name: THRIFTY PAYLESS INC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/13/2010
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

. Waste code: 131
. Waste name: 131

. Waste code: 141
. Waste name: 141

. Waste code: 214
. Waste name: 214

. Waste code: 232
. Waste name: 232

. Waste code: 311
. Waste name: 311

. Waste code: 791
. Waste name: 791

. Waste code: D001
. Waste name: IGNITABLE WASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 5958 (Continued)

1000978354

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: D010
- . Waste name: SELENIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D024
- . Waste name: M-CRESOL

- . Waste code: D026
- . Waste name: CRESOL

- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-(S)-, & SALTS

Historical Generators:

Date form received by agency: 02/08/2006
Site name: RITE AID NO 5958
Classification: Small Quantity Generator

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D011
- . Waste name: SILVER

Date form received by agency: 02/14/2002
Site name: RITE AID CORP NO 5958
Classification: Small Quantity Generator

- . Waste code: D000
- . Waste name: Not Defined

- . Waste code: D011
- . Waste name: SILVER

Date form received by agency: 01/13/1995
Site name: RITE AID CORP NO 5958
Classification: Small Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 5958 (Continued)

1000978354

FINDS:

Registry ID: 110002623055

Environmental Interest/Information System

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.

HAZARDOUS WASTE BIENNIAL REPORTER

STATE MASTER

ECHO:

Envid: 1000978354
Registry ID: 110002623055
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002623055

C32

**RITE AID #5958
1500 NORTHGATE MALL
SAN RAFAEL, CA 94903**

**HAZNET S112836233
N/A**

**< 1/8
1 ft.**

Site 2 of 5 in cluster C

**Relative:
Higher**

HAZNET:

envid: S112836233
Year: 2014
GEPaid: CA0001007533
Contact: Stephanie A. Caiati
Telephone: 7177308225
Mailing Name: Not reported
Mailing Address: 30 HUNTER LN
Mailing City,St,Zip: CAMP HILL, PA 170112400
Gen County: Marin
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Unspecified solvent mixture
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

**Actual:
44 ft.**

Tons: 0.003
Cat Decode: Unspecified solvent mixture
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Facility County: Marin

envid: S112836233
Year: 2014
GEPaid: CA0001007533
Contact: Stephanie A. Caiati
Telephone: 7177308225
Mailing Name: Not reported
Mailing Address: 30 HUNTER LN
Mailing City,St,Zip: CAMP HILL, PA 170112400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5958 (Continued)

S112836233

Gen County: Marin
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Pharmaceutical waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0015
Cat Decode: Pharmaceutical waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

envid: S112836233
Year: 2012
GEPaid: CA0001007533
Contact: STEPHANIE A. CAIATI
Telephone: 7177308225
Mailing Name: Not reported
Mailing Address: 30 HUNTER LN
Mailing City,St,Zip: CAMP HILL, PA 170112400
Gen County: Marin
TSD EPA ID: INR000110197
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Not reported
Tons: 0.001
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Marin

envid: S112836233
Year: 2012
GEPaid: CA0001007533
Contact: STEPHANIE A. CAIATI
Telephone: 7177308225
Mailing Name: Not reported
Mailing Address: 30 HUNTER LN
Mailing City,St,Zip: CAMP HILL, PA 170112400
Gen County: Marin
TSD EPA ID: INR000110197
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0075
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

envid: S112836233
Year: 2012
GEPaid: CA0001007533
Contact: STEPHANIE A. CAIATI
Telephone: 7177308225
Mailing Name: Not reported
Mailing Address: 30 HUNTER LN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5958 (Continued)

S112836233

Mailing City,St,Zip: CAMP HILL, PA 170112400
Gen County: Marin
TSD EPA ID: INR000110197
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0065
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

[Click this hyperlink](#) while viewing on your computer to access 31 additional CA_HAZNET: record(s) in the EDR Site Report.

33

**RITE AID #5958
1500 NORTHGATE DR
SAN RAFAEL, CA 94903**

**HAZNET S113803004
N/A**

< 1/8
1 ft.

**Relative:
Higher**

**Actual:
110 ft.**

HAZNET:

envid: S113803004
Year: 2014
GEPaid: CAL000380163
Contact: STEPHANIE A. CAIATI
Telephone: 7177308225
Mailing Name: Not reported
Mailing Address: 30 HUNTER LN
Mailing City,St,Zip: CAMP HILL, PA 170112400
Gen County: Marin
TSD EPA ID: INR000110197
TSD County: Not reported
Waste Category: Pharmaceutical waste
Disposal Method: Not reported
Tons: 0.0015
Cat Decode: Pharmaceutical waste
Method Decode: Not reported
Facility County: Marin

envid: S113803004
Year: 2014
GEPaid: CAL000380163
Contact: STEPHANIE A. CAIATI
Telephone: 7177308225
Mailing Name: Not reported
Mailing Address: 30 HUNTER LN
Mailing City,St,Zip: CAMP HILL, PA 170112400
Gen County: Marin
TSD EPA ID: INR000110197
TSD County: Not reported
Waste Category: Pharmaceutical waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0005
Cat Decode: Pharmaceutical waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5958 (Continued)

S113803004

Facility County: Marin

envid: S113803004
Year: 2014
GEPaid: CAL000380163
Contact: STEPHANIE A. CAIATI
Telephone: 7177308225
Mailing Name: Not reported
Mailing Address: 30 HUNTER LN
Mailing City,St,Zip: CAMP HILL, PA 170112400
Gen County: Marin
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Unspecified solvent mixture
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01
Cat Decode: Unspecified solvent mixture
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Marin

envid: S113803004
Year: 2014
GEPaid: CAL000380163
Contact: STEPHANIE A. CAIATI
Telephone: 7177308225
Mailing Name: Not reported
Mailing Address: 30 HUNTER LN
Mailing City,St,Zip: CAMP HILL, PA 170112400
Gen County: Marin
TSD EPA ID: INR000110197
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Not reported
Tons: 0.0375
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Marin

envid: S113803004
Year: 2014
GEPaid: CAL000380163
Contact: STEPHANIE A. CAIATI
Telephone: 7177308225
Mailing Name: Not reported
Mailing Address: 30 HUNTER LN
Mailing City,St,Zip: CAMP HILL, PA 170112400
Gen County: Marin
TSD EPA ID: INR000110197
TSD County: Not reported
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.002
Cat Decode: Alkaline solution without metals pH >= 12.5
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RITE AID #5958 (Continued)

S113803004

(H010-H129) Or (H131-H135)
 Facility County: Marin

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

B34

**SEARS ROEBUCK AND CO
 9000 NORTHGATE MALL
 SAN RAFAEL, CA 94903**

**HAZNET S113022856
 N/A**

< 1/8
 1 ft.

Site 10 of 10 in cluster B

**Relative:
 Lower**

HAZNET:
 envid: S113022856
 Year: 1995
 GEPAID: CAL000003371
 Contact: M & T INC
 Telephone: 0000000000
 Mailing Name: Not reported
 Mailing Address: 9000 NORTHGATE MALL
 Mailing City,St,Zip: SAN RAFAEL, CA 949030000
 Gen County: Not reported
 TSD EPA ID: AZD009015389
 TSD County: Not reported
 Waste Category: Polychlorinated biphenyls and material containing PCBs
 Disposal Method: Recycler
 Tons: .4300
 Cat Decode: Polychlorinated biphenyls and material containing PCBs
 Method Decode: Recycler
 Facility County: Marin

**Actual:
 39 ft.**

C35

**PAYLESS DRUG #4372
 1500 NORTHGATE MALL
 SAN RAFAEL, CA 94901**

**HAZNET S113049974
 N/A**

< 1/8
 1 ft.

Site 3 of 5 in cluster C

**Relative:
 Higher**

HAZNET:
 envid: S113049974
 Year: 1995
 GEPAID: CAL000074294
 Contact: THRIFTY PAYLESS DRUG STORES
 Telephone: 5036857539
 Mailing Name: Not reported
 Mailing Address: 9275 SW PEYTON LN
 Mailing City,St,Zip: WILSONVILLE, OR 970709200
 Gen County: Not reported
 TSD EPA ID: CAD070148432
 TSD County: Not reported
 Waste Category: Photochemicals/photoprocessing waste
 Disposal Method: Treatment, Incineration
 Tons: .0417
 Cat Decode: Photochemicals/photoprocessing waste
 Method Decode: Treatment, Incineration
 Facility County: Marin

**Actual:
 44 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAYLESS DRUG #4372 (Continued)

S113049974

envid: S113049974
Year: 1994
GEPaid: CAL000074294
Contact: THRIFTY PAYLESS DRUG STORES
Telephone: 5036857539
Mailing Name: Not reported
Mailing Address: 9275 SW PEYTON LN
Mailing City,St,Zip: WILSONVILLE, OR 970709200
Gen County: Not reported
TSD EPA ID: CAD070148432
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Tons: .1511
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Treatment, Incineration
Facility County: Marin

envid: S113049974
Year: 1993
GEPaid: CAL000074294
Contact: THRIFTY PAYLESS DRUG STORES
Telephone: 5036857539
Mailing Name: Not reported
Mailing Address: 9275 SW PEYTON LN
Mailing City,St,Zip: WILSONVILLE, OR 970709200
Gen County: Not reported
TSD EPA ID: CAD070148432
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Tons: 0.1942000000
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Treatment, Incineration
Facility County: Marin

envid: S113049974
Year: 1993
GEPaid: CAL000074294
Contact: THRIFTY PAYLESS DRUG STORES
Telephone: 5036857539
Mailing Name: Not reported
Mailing Address: 9275 SW PEYTON LN
Mailing City,St,Zip: WILSONVILLE, OR 970709200
Gen County: Not reported
TSD EPA ID: CAD070148402
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: 4.1700000000
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Not reported
Facility County: Marin

envid: S113049974
Year: 1993
GEPaid: CAL000074294

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAYLESS DRUG #4372 (Continued)

S113049974

Contact: THRIFTY PAYLESS DRUG STORES
Telephone: 5036857539
Mailing Name: Not reported
Mailing Address: 9275 SW PEYTON LN
Mailing City,St,Zip: WILSONVILLE, OR 970709200
Gen County: Not reported
TSD EPA ID: CAD070148432
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: 5.0000000000
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Not reported
Facility County: Marin

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

C36

**CHMIRS S103984632
N/A**

< 1/8
1 ft.

**1500 NORTHGATE MALL
SAN RAFAEL, CA**

Site 4 of 5 in cluster C

**Relative:
Higher**

CHMIRS:

**Actual:
44 ft.**

OES Incident Number: 7-0579
OES notification: 02/08/1997
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Not reported
Cleanup By: San Rafael Fire Dept

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S103984632

Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1997
Agency:	Marin County Sheriff
Incident Date:	2/8/1997 12:00:00 AM
Admin Agency:	San Rafael Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Other
E Date:	Not reported
Substance:	Photo shop chemicals and drano
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A photo shop employee poured photo chemicals down a drain, when the drain became clogged drano was poured in to unclog the drain. A chemical reaction occurred. Cleanup completed.

C37 **RITE AID #5958**
1500 NORTHGATE MALL
SAN RAFAEL, CA 94903

RCRA-LQG **1016954842**
CAL000380163

Relative:
Higher

Site 5 of 5 in cluster C

RCRA-LQG:
 Date form received by agency: 03/01/2014
 Facility name: RITE AID #5958
 Facility address: 1500 NORTHGATE MALL
 SAN RAFAEL, CA 94903
 EPA ID: CAL000380163
 Mailing address: HUNTER LN
 CAMP HILL, PA 17011
 Contact: STEPHANIE A CAIATI
 Contact address: HUNTER LN
 CAMP HILL, PA 17011
 Contact country: Not reported
 Contact telephone: (717) 730-8225
 Contact email: SSCAIATI@RITEAID.COM
 EPA Region: 09

Actual:
44 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5958 (Continued)

1016954842

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: NORTHGATE MALL ASSOCIATES
Owner/operator address: NORTHGATE DR
SAN RAFAEL, CA 94903
Owner/operator country: Not reported
Owner/operator telephone: (415) 479-5955
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/13/2010
Owner/Op end date: Not reported

Owner/operator name: RITE AID CORP
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: 05/13/2010
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 122
. Waste name: 122
. Waste code: 131

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5958 (Continued)

1016954842

. Waste name:	131
. Waste code:	141
. Waste name:	141
. Waste code:	214
. Waste name:	214
. Waste code:	232
. Waste name:	232
. Waste code:	311
. Waste name:	311
. Waste code:	791
. Waste name:	791
. Waste code:	D001
. Waste name:	IGNITABLE WASTE
. Waste code:	D002
. Waste name:	CORROSIVE WASTE
. Waste code:	D007
. Waste name:	CHROMIUM
. Waste code:	D009
. Waste name:	MERCURY
. Waste code:	D010
. Waste name:	SELENIUM
. Waste code:	D011
. Waste name:	SILVER
. Waste code:	D024
. Waste name:	M-CRESOL
. Waste code:	D026
. Waste name:	CRESOL
. Waste code:	P001
. Waste name:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
. Waste code:	P075
. Waste name:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Violation Status:	No violations found

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

38
SSE
< 1/8
0.011 mi.
58 ft.

WOLF CAMERA NO 991
190 NORTHGATE DR
SAN RAFAEL, CA 94903

RCRA NonGen / NLR **1001231293**
FINDS **CAR000030940**
ECHO

Relative:
Higher

RCRA NonGen / NLR:

Actual:
42 ft.

Date form received by agency: 10/12/2000
Facility name: WOLF CAMERA NO 991
Site name: WOLF CAMERA STORE #991
Facility address: 190 NORTHGATE DRIVE
SAN RAFAEL, CA 94993
EPA ID: CAR000030940
Mailing address: 4955 MARCONI DRIVE
ALPHARETTA, GA 30005
Contact: JAMES LEAGAN
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (678) 297-9653
Telephone ext.: 8897
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: WOLF CAMERA AND VIDEO
Owner/operator address: 1706 CHANTILLY DR NE
ATLANTA, GA 30324
Owner/operator country: Not reported
Owner/operator telephone: (404) 633-9000
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

Historical Generators:

Date form received by agency: 09/21/1999
Site name: WOLF CAMERA NO 991
Classification: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

WOLF CAMERA NO 991 (Continued)

1001231293

. Waste code: D000
 . Waste name: Not Defined

. Waste code: D011
 . Waste name: SILVER

Violation Status: No violations found

FINDS:

Registry ID: 110002918889

Environmental Interest/Information System

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.

ECHO:

Envid: 1001231293
 Registry ID: 110002918889
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002918889

D39
East
< 1/8
0.012 mi.
63 ft.

412 LAS GALLINAS AVE
SAN RAFAEL, CA 94903

EDR Hist Cleaner 1015057344
N/A

Site 1 of 4 in cluster D

Relative: EDR Historical Cleaners:
Lower Name: KERNS & WALKER CLEANERS
 Year: 2004
Actual: Address: 412 LAS GALLINAS AVE
30 ft.

D40
ENE
< 1/8
0.012 mi.
64 ft.

CVS PHARMACY NO 9529
442 LAS GALLINAS AVE
SAN RAFAEL, CA 94903

RCRA-LQG 1001217354
FINDS CAR000032821
ECHO

Site 2 of 4 in cluster D

Relative: RCRA-LQG:
Lower Date form received by agency: 03/27/2013
 Facility name: CVS PHARMACY NO 9529
 Facility address: 442 LAS GALLINAS AVE
 SAN RAFAEL, CA 94903
 EPA ID: CAR000032821
 Mailing address: ONE CVS DR
 WOONSOCKET, RI 02895
 Contact: WENDY L BRANT
 Contact address: ONE CVS DR
 WOONSOCKET, RI 02895
 Contact country: US
 Contact telephone: 401-765-1500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY NO 9529 (Continued)

1001217354

Contact email: WENDY.BRANT@CVSCAREMARK.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: LONGS DRUG STORES CALIFORNIA LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/22/2008
Owner/Op end date: Not reported

Owner/operator name: AFC NORTHGATE LLC
Owner/operator address: 360 A JEFFERSON ST
SAN FRANCISCO, CA 94133
Owner/operator country: US
Owner/operator telephone: 415-673-8300
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/01/1998
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

CVS PHARMACY NO 9529 (Continued)

1001217354

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

- . Waste code: P042
- . Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

- . Waste code: P081
- . Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Historical Generators:

Date form received by agency: 11/17/1999
Site name: LONGS DRUGS NO 40
Classification: Not a generator, verified

- . Waste code: D000
- . Waste name: Not Defined

- . Waste code: D011
- . Waste name: SILVER

Violation Status: No violations found

FINDS:

Registry ID: 110002919619

Environmental Interest/Information System

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.

STATE MASTER

ECHO:

Envid: 1001217354
Registry ID: 110002919619
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002919619

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E41
NNW
< 1/8
0.020 mi.
105 ft.

900 NORTHGATE DR
SAN RAFAEL, CA 94903

Site 1 of 19 in cluster E

EDR Hist Auto 1015666685
N/A

Relative:
Lower

Actual:
38 ft.

EDR Historical Auto Stations:
Name: JIFFY LUBE AT SEARS AUTO CTR
Year: 2004
Address: 900 NORTHGATE DR

Name: JIFFY LUBE
Year: 2005
Address: 900 NORTHGATE DR

E42
North
< 1/8
0.028 mi.
147 ft.

TERRA LINDA CAR WASH
921 DEL PRESIDIO BLVD.
SAN RAFAEL, CA 94903

Site 2 of 19 in cluster E

UST U003942651
N/A

Relative:
Lower

Actual:
32 ft.

UST:
Facility ID: 300371
Permitting Agency: SAN RAFAEL, CITY OF
Latitude: 38.0083228
Longitude: -122.5435931

MARIN CO. UST:

Facility Id: 30-0371

Tank Number: 000001
Tank Status: Change of Information
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling
Certificate Number: 05369
Last Inspected: 08/13/2008
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000001
Tank Status: Change of Information
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000002
Tank Status: Change of Information
Tank Contents: Premium unleaded
Tank Use: Motor vehicle fueling
Certificate Number: 05369

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TERRA LINDA CAR WASH (Continued)

U003942651

Last Inspected: 08/13/2008
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000002
Tank Status: Change of Information
Tank Contents: Premium unleaded
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

E43
North
< 1/8
0.028 mi.
147 ft.

CONOCOPHILLIPS
921 DEL PRESIDIO
SAN RAFAEL, CA
Site 3 of 19 in cluster E

LUST S108935355
N/A

Relative:
Lower

LUST:

Actual:
32 ft.

Region: STATE
Global Id: T0604141609
Latitude: 38.0068530969632
Longitude: -122.54477083683
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/22/2010
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: REL
Local Agency: Not reported
RB Case Number: 21-0391
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel, Gasoline
Site History: Not reported

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

Contact:

Global Id: T0604141609
Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST. SUITE 1500
City: OAKLAND
Email: ralambert@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0604141609
Status: Completed - Case Closed
Status Date: 03/22/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONOCOPHILLIPS (Continued)

S108935355

Global Id: T0604141609
Status: Open - Case Begin Date
Status Date: 01/01/1991

Global Id: T0604141609
Status: Open - Site Assessment
Status Date: 10/24/2007

Global Id: T0604141609
Status: Open - Site Assessment
Status Date: 02/01/2008

Regulatory Activities:

Global Id: T0604141609
Action Type: ENFORCEMENT
Date: 03/22/2010
Action: Closure/No Further Action Letter

Global Id: T0604141609
Action Type: RESPONSE
Date: 02/11/2008
Action: Soil and Water Investigation Workplan

Global Id: T0604141609
Action Type: RESPONSE
Date: 05/09/2008
Action: Soil and Water Investigation Report

Global Id: T0604141609
Action Type: ENFORCEMENT
Date: 12/04/2008
Action: 13267 Requirement

Global Id: T0604141609
Action Type: RESPONSE
Date: 07/09/2008
Action: Other Report / Document

Global Id: T0604141609
Action Type: Other
Date: 04/01/1992
Action: Leak Stopped

Global Id: T0604141609
Action Type: RESPONSE
Date: 10/13/2008
Action: Other Report / Document

Global Id: T0604141609
Action Type: RESPONSE
Date: 01/12/2009
Action: Soil and Water Investigation Workplan

Global Id: T0604141609
Action Type: Other
Date: 01/01/1991
Action: Leak Began

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONOCOPHILLIPS (Continued)

S108935355

Global Id:	T0604141609
Action Type:	RESPONSE
Date:	04/30/2009
Action:	Soil and Water Investigation Report
Global Id:	T0604141609
Action Type:	ENFORCEMENT
Date:	08/21/2008
Action:	13267 Requirement
Global Id:	T0604141609
Action Type:	ENFORCEMENT
Date:	01/05/2009
Action:	13267 Requirement
Global Id:	T0604141609
Action Type:	ENFORCEMENT
Date:	05/21/2008
Action:	13267 Requirement
Global Id:	T0604141609
Action Type:	ENFORCEMENT
Date:	10/26/2007
Action:	13267 Requirement
Global Id:	T0604141609
Action Type:	ENFORCEMENT
Date:	02/07/2008
Action:	Staff Letter
Global Id:	T0604141609
Action Type:	ENFORCEMENT
Date:	07/08/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0604141609
Action Type:	Other
Date:	10/19/2007
Action:	Leak Discovery
Global Id:	T0604141609
Action Type:	Other
Date:	10/22/2007
Action:	Leak Reported
Global Id:	T0604141609
Action Type:	ENFORCEMENT
Date:	01/25/2010
Action:	Notification - Fee Title Owners Notice

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F44
North
< 1/8
0.029 mi.
152 ft.

VALERO REFINING CO CAL NO 77067
930 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903

RCRA-SQG 1004675615
CAR000075143

Site 1 of 5 in cluster F

Relative:
Lower

RCRA-SQG:

Date form received by agency: 06/09/2000

Facility name: VALERO REFINING CO CAL NO 77067

Facility address: 930 DEL PRESIDIO BLVD

SAN RAFAEL, CA 94903

EPA ID: CAR000075143

Mailing address: P O BOX 500
SAN ANTONIO, TX 782920500

Contact: RAMON ESTRADA

Contact address: 2506 CURRAN CT

PINOLE, CA 94564

Contact country: US

Contact telephone: (510) 669-0263

Contact email: Not reported

EPA Region: 09

Land type: Private

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: VALERO REFINING CO C A

Owner/operator address: P O BOX 500
SAN ANTONIO, TX 78292

Owner/operator country: Not reported

Owner/operator telephone: (210) 370-2000

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

Waste code: D000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALERO REFINING CO CAL NO 77067 (Continued)

1004675615

. Waste name: Not Defined
. Waste code: D001
. Waste name: IGNITABLE WASTE
. Waste code: D018
. Waste name: BENZENE
Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/24/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

**F45
North
< 1/8
0.029 mi.
152 ft.**

**EXXON CO. USA. # 77067
930 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903**

**RCRA-LQG 1007199308
CAD981411028**

Site 2 of 5 in cluster F

**Relative:
Lower**

RCRA-LQG:

Date form received by agency: 10/12/2000
Facility name: EXXON CO. USA. # 77067
Facility address: 930 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903
EPA ID: CAD981411028
Mailing address: P.O. BOX 4999
THE WOODLANDS, TX 773804999

**Actual:
33 ft.**

Contact: ALDA POOL
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (281) 296-3579
Contact email: Not reported
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

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

EXXON CO. USA. # 77067 (Continued)

1007199308

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 02/21/1992
Site name: EXXON CO. USA #77067
Classification: Large Quantity Generator

Violation Status: No violations found

F46
North
< 1/8
0.029 mi.
152 ft.

EXXON SERVICE STATION 7-7067
930 DEL PRESIDIO
SAN RAFAEL, CA 94903
Site 3 of 5 in cluster F

LUST **1000337848**
SWEEPS UST **N/A**
HIST UST
CA FID UST
CHMIRS
HIST CORTESE

Relative:
Lower

LUST:

Actual:
33 ft.

Region: STATE
Global Id: T0604100047
Latitude: 38.006596311
Longitude: -122.544441567
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/14/2009
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: REL
Local Agency: Not reported
RB Case Number: 21-0048
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:

Global Id: T0604100047
Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST. SUITE 1500
City: OAKLAND
Email: ralambert@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0604100047
Status: Completed - Case Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Status Date: 04/14/2009

Global Id: T0604100047
Status: Open - Case Begin Date
Status Date: 12/30/1987

Global Id: T0604100047
Status: Open - Remediation
Status Date: 06/01/2007

Global Id: T0604100047
Status: Open - Site Assessment
Status Date: 12/30/1987

Global Id: T0604100047
Status: Open - Site Assessment
Status Date: 08/30/1988

Global Id: T0604100047
Status: Open - Verification Monitoring
Status Date: 02/01/2007

Global Id: T0604100047
Status: Open - Verification Monitoring
Status Date: 12/19/2008

Regulatory Activities:

Global Id: T0604100047
Action Type: ENFORCEMENT
Date: 03/06/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/13/2007
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/14/1992
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/13/1993
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 03/15/1993
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/25/1991
Action: Correspondence

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/28/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/08/1992
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/07/1992
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/15/1991
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/31/1992
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 02/22/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 03/17/1995
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/10/1998
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/25/1998
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/02/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/19/2001
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 09/07/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/03/1993
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 02/01/2007
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/24/2007
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 03/15/2002
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/13/1994
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/08/1990
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/17/2003
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/19/1999
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/20/1993
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 02/04/2008
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/05/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/21/1998
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/16/2004
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/04/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/08/1986
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/14/1988
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/22/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/22/2006
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/25/2002
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/15/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/22/1990
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 02/12/1999
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/22/1988
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/29/2007
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/01/2008
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/13/2002
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/21/1994
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/29/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/20/1992
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/04/1993
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/19/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/29/1992
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/14/1993
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/19/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/02/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/13/1988
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 02/01/1995
Action: Well Installation Report

Global Id: T0604100047
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 08/07/1987
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 02/26/2003
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/03/2003
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/31/1994
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/20/1990
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/01/1993
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/08/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/02/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/21/1988
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/01/1989
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/01/1990
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/01/1989
Action: Monitoring Report - Quarterly

Map ID
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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/07/1988
Action: Soil and Water Investigation Report

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/10/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/31/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/16/1992
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/11/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/06/1990
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/12/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/10/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/18/1993
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/10/1990
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/19/1993
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 03/26/1999
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/01/1995
Action: Well Installation Report

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/18/2002
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/26/2003
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/24/2001
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/23/2002
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/24/2001
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/14/2003
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/11/2002
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/23/2002
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 02/20/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/10/1991
Action: Correspondence

Map ID
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Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id: T0604100047
Action Type: RESPONSE
Date: 03/11/1992
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/21/1988
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/31/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/13/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/13/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/19/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/19/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/07/2005
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/04/1991
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/18/1990
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/15/1991
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 07/11/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/17/1996
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/01/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/24/1987
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/01/1992
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/02/1996
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/14/1994
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/01/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/18/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 03/02/1992
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/07/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/05/1987
Action: Other Report / Document

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id:	T0604100047
Action Type:	RESPONSE
Date:	01/15/1990
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	10/15/1990
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	07/29/1987
Action:	Correspondence
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	08/26/1988
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	05/14/1991
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	10/09/1990
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	09/12/1990
Action:	Correspondence
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	03/31/1993
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	12/31/1993
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	10/19/1992
Action:	Correspondence
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	08/13/1991
Action:	Correspondence
Global Id:	T0604100047
Action Type:	RESPONSE

Map ID
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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 07/03/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/02/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/01/1991
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/19/1992
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/10/1992
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/09/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/09/1990
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/01/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 03/15/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/06/1987
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/12/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 02/16/2006
Action: Monitoring Report - Quarterly

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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id:	T0604100047
Action Type:	RESPONSE
Date:	03/02/2004
Action:	Monitoring Report - Other
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	11/05/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	05/24/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	11/12/1996
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	05/30/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	01/20/1990
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	06/21/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	08/22/2001
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	06/21/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	04/18/1992
Action:	Correspondence
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	07/17/1989
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 07/16/1990
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/21/2007
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/12/2001
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/12/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/29/1988
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/02/1997
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/06/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: REMEDIATION
Date: 04/05/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/31/2002
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/05/2001
Action: Correspondence

Global Id: T0604100047
Action Type: ENFORCEMENT
Date: 04/19/2009
Action: Staff Letter

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/13/2003
Action: Other Report / Document

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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id:	T0604100047
Action Type:	RESPONSE
Date:	06/26/2003
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	05/13/2003
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	05/20/2003
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	10/26/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	10/17/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	03/04/1992
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	06/22/1991
Action:	Correspondence
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	11/15/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	08/20/1999
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	04/06/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	09/28/1999
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 06/19/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/10/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/10/2002
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/12/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/03/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: ENFORCEMENT
Date: 03/17/2009
Action: Staff Letter

Global Id: T0604100047
Action Type: Other
Date: 06/16/1988
Action: Leak Stopped

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/14/1992
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/05/2007
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/03/2008
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/29/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 03/27/2001
Action: Monitoring Report - Quarterly

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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/29/1999
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/22/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/24/1994
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/20/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/10/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/22/1995
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/12/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/27/2008
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/10/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/10/1987
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/14/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 02/16/1993
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/16/1992
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/10/2002
Action: Correspondence

Global Id: T0604100047
Action Type: ENFORCEMENT
Date: 02/02/2007
Action: File review

Global Id: T0604100047
Action Type: ENFORCEMENT
Date: 12/20/2007
Action: Letter - Notice

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/13/1995
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/23/1988
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/10/2001
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/14/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/05/2002
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 02/19/1998
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/17/1991
Action: Other Report / Document

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id:	T0604100047
Action Type:	RESPONSE
Date:	08/27/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	04/18/1991
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	02/28/2003
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	09/13/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	07/08/1989
Action:	Monitoring Report - Other
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	09/26/1990
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	03/13/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	08/20/2008
Action:	Monitoring Report - Annually
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	12/14/1992
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	06/16/1988
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	07/14/1990
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE

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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 01/07/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/03/1990
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/19/1996
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/09/2004
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/07/2000
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/05/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/30/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/23/1993
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/17/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/30/1987
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/03/1988
Action: Monitoring Report - Other

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/02/1989
Action: Monitoring Report - Quarterly

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id:	T0604100047
Action Type:	RESPONSE
Date:	05/16/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	12/05/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	ENFORCEMENT
Date:	03/17/2009
Action:	Notification - Fee Title Owners Notice
Global Id:	T0604100047
Action Type:	ENFORCEMENT
Date:	10/10/2007
Action:	13267 Requirement
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	03/08/1997
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	08/02/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	04/01/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	07/10/1990
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	07/10/1990
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	06/05/1996
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	07/31/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE

Map ID
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Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 05/29/2001
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/05/1992
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/23/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/15/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/01/2006
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/05/2004
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/27/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/12/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/07/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/21/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 02/22/2000
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/10/1990
Action: Correspondence

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id:	T0604100047
Action Type:	RESPONSE
Date:	04/10/1996
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	11/10/1997
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	06/16/1988
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	12/30/1998
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	12/09/2008
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	08/17/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	01/05/1995
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	01/18/1993
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	01/05/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	ENFORCEMENT
Date:	04/14/2009
Action:	Closure/No Further Action Letter
Global Id:	T0604100047
Action Type:	Other
Date:	06/16/1988
Action:	Leak Discovery
Global Id:	T0604100047
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 06/25/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/22/2007
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 03/12/1992
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/15/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/15/1989
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/08/2005
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/05/1989
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/16/1990
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 12/17/1992
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/05/1988
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/13/1988
Action: Monitoring Report - Other

Global Id: T0604100047
Action Type: RESPONSE
Date: 01/14/1988
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id:	T0604100047
Action Type:	RESPONSE
Date:	12/12/1994
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	07/11/1997
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	04/20/1999
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	09/08/1990
Action:	Correspondence
Global Id:	T0604100047
Action Type:	Other
Date:	06/16/1988
Action:	Leak Reported
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	11/16/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	07/31/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	11/18/1990
Action:	Correspondence
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	08/27/2002
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	10/12/1991
Action:	Correspondence
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	06/23/1988
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 08/28/1988
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 06/07/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/23/2008
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 09/24/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/14/1990
Action: Monitoring Report - Other

Global Id: T0604100047
Action Type: RESPONSE
Date: 05/02/1989
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/28/1991
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/29/1987
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 08/14/1991
Action: Correspondence

Global Id: T0604100047
Action Type: RESPONSE
Date: 03/16/1993
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 03/28/1994
Action: Other Report / Document

Global Id: T0604100047
Action Type: RESPONSE
Date: 04/12/1992
Action: Correspondence

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Global Id:	T0604100047
Action Type:	RESPONSE
Date:	11/08/1990
Action:	Correspondence
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	04/26/1991
Action:	Correspondence
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	03/05/2001
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	06/01/1995
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	03/16/2009
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	05/20/1991
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	09/15/2003
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	07/05/1992
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	08/27/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	03/09/2009
Action:	Other Report / Document
Global Id:	T0604100047
Action Type:	RESPONSE
Date:	06/13/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0604100047
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Date: 09/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/31/2003
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 07/24/2007
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 10/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0604100047
Action Type: RESPONSE
Date: 11/21/2007
Action: Other Report / Document

LUST REG 2:

Region: 2
Facility Id: 21-0048
Facility Status: Pollution Characterization
Case Number: 21-0048
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: 12/30/1987
Pollution Characterization Began: 8/30/1988
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:

Status: Active
Comp Number: 24159
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-06-91
Action Date: 03-06-91
Created Date: 12-31-88
Owner Tank Id: 1
SWRCB Tank Id: 21-028-024159-000001
Tank Status: A
Capacity: 12000
Active Date: 09-26-91
Tank Use: M.V. FUEL
STG: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Content: REG UNLEADED
Number Of Tanks: 5

Status: Active
Comp Number: 24159
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-06-91
Action Date: 03-06-91
Created Date: 12-31-88
Owner Tank Id: 2
SWRCB Tank Id: 21-028-024159-000002
Tank Status: A
Capacity: 10000
Active Date: 09-26-91
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 24159
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-06-91
Action Date: 03-06-91
Created Date: 12-31-88
Owner Tank Id: 4
SWRCB Tank Id: 21-028-024159-000003
Tank Status: A
Capacity: 10000
Active Date: 09-26-91
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 24159
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-06-91
Action Date: 03-06-91
Created Date: 12-31-88
Owner Tank Id: 3
SWRCB Tank Id: 21-028-024159-000004
Tank Status: A
Capacity: 8000
Active Date: 09-26-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 24159
Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Board Of Equalization: Not reported
Referral Date: 03-06-91
Action Date: 03-06-91
Created Date: 12-31-88
Owner Tank Id: 5
SWRCB Tank Id: 21-028-024159-000005
Tank Status: A
Capacity: 1000
Active Date: 09-26-91
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:

File Number: 000291FC
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000291FC.pdf>
Region: STATE
Facility ID: 00000024159
Facility Type: Gas Station
Other Type: Not reported
Contact Name: ED BRENDDEL
Telephone: 4154721744
Owner Name: EXXON COMPANY U.S.A
Owner Address: 16945 NORTHCHASE BLVD
Owner City,St,Zip: HOUSTON, TX 77210
Total Tanks: 0005

Tank Num: 001
Container Num: 1
Year Installed: 1984
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1984
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 4
Year Installed: 1984
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Year Installed: 1983
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: 1984
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

CA FID UST:

Facility ID: 21000052
Regulated By: UTNKA
Regulated ID: 00024159
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154721744
Mail To: Not reported
Mailing Address: 4550 DACOMA
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CHMIRS:

OES Incident Number: 3-2175
OES notification: 04/25/2003
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON SERVICE STATION 7-7067 (Continued)

1000337848

Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm Drain/ San Francisco Bay
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	San Rafael Fire Dept
Incident Date:	4/25/200312:00:00 AM
Admin Agency:	San Rafael Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Service Station
E Date:	Not reported
Substance:	Diesel
Gallons:	100-200
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Substance was released from a diesel fuel delivery tanker. Substance went into storm drain.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	21
Reg By:	LTNKA
Reg Id:	21-0048

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F47
North
< 1/8
0.029 mi.
152 ft.

**930 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903**

Site 4 of 5 in cluster F

**EDR Hist Auto 1015677999
N/A**

**Relative:
Lower
Actual:
33 ft.**

EDR Historical Auto Stations:

Name: BRENDALS EXXON SERVICE
Year: 1999
Address: 930 DEL PRESIDIO BLVD

Name: NORTHGATE EXXON
Year: 2000
Address: 930 DEL PRESIDIO BLVD

Name: NORTHGATE EXXON
Year: 2005
Address: 930 DEL PRESIDIO BLVD

Name: NORTHGATE EXXON
Year: 2008
Address: 930 DEL PRESIDIO BLVD

Name: NORTHGATE EXXON
Year: 2009
Address: 930 DEL PRESIDIO BLVD

Name: NORTHGATE VALERO & FOOD MART
Year: 2010
Address: 930 DEL PRESIDIO BLVD

Name: NORTHGATE EXXON
Year: 2011
Address: 930 DEL PRESIDIO BLVD

Name: NORTHGATE EXXON
Year: 2012
Address: 930 DEL PRESIDIO BLVD

F48
North
< 1/8
0.029 mi.
152 ft.

**EXXON STATION #7-7067
930 DEL PRESIDIO BLVD.
SAN RAFAEL, CA 94903**

Site 5 of 5 in cluster F

**UST U003782117
N/A**

**Relative:
Lower
Actual:
33 ft.**

UST:

Facility ID: 300083
Permitting Agency: SAN RAFAEL, CITY OF
Latitude: 38.0079359
Longitude: -122.5427187

MARIN CO. UST:

Facility Id: 30-0083

Tank Number: 000001
Tank Status: Change of Information
Tank Contents: Premium unleaded
Tank Use: Motor vehicle fueling
Certificate Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION #7-7067 (Continued)

U003782117

Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000001
Tank Status: Change of Information
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling
Certificate Number: 05382
Last Inspected: 03/06/2009
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000002
Tank Status: Change of Information
Tank Contents: Not reported
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000002
Tank Status: Change of Information
Tank Contents: Midgrade unleaded
Tank Use: Motor vehicle fueling
Certificate Number: 05382
Last Inspected: 03/06/2009
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000003
Tank Status: Change of Information
Tank Contents: Not reported
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000003
Tank Status: Change of Information

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON STATION #7-7067 (Continued)

U003782117

Tank Contents: Premium unleaded
Tank Use: Motor vehicle fueling
Certificate Number: 05382
Last Inspected: 03/06/2009
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000004
Tank Status: Change of Information
Tank Contents: Not reported
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000004
Tank Status: Change of Information
Tank Contents: Diesel
Tank Use: Motor vehicle fueling
Certificate Number: 05382
Last Inspected: 03/06/2009
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000005
Tank Status: Change of Information
Tank Contents: Not reported
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

E49
North
< 1/8
0.030 mi.
158 ft.

SHELL
950 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94901
Site 4 of 19 in cluster E

LUST 1000288577
HIST CORTESE N/A

Relative:
Lower

LUST:
Region: STATE
Global Id: T0604100126
Latitude: 38.0069587674879
Longitude: -122.543950080872
Case Type: LUST Cleanup Site
Status: Completed - Case Closed

Actual:
34 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

Status Date: 05/29/2014
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: REL
Local Agency: Not reported
RB Case Number: 21-0133
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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

Contact:

Global Id: T0604100126
Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST. SUITE 1500
City: OAKLAND
Email: ralambert@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0604100126
Status: Completed - Case Closed
Status Date: 05/29/2014

Global Id: T0604100126
Status: Completed - Case Closed
Status Date: 05/29/2014

Global Id: T0604100126
Status: Open - Case Begin Date
Status Date: 11/05/1987

Global Id: T0604100126
Status: Open - Eligible for Closure
Status Date: 04/12/2013

Global Id: T0604100126
Status: Open - Eligible for Closure
Status Date: 05/29/2014

Global Id: T0604100126
Status: Open - Site Assessment
Status Date: 12/12/1989

Global Id: T0604100126
Status: Open - Site Assessment
Status Date: 02/02/2007

Regulatory Activities:

Global Id: T0604100126
Action Type: ENFORCEMENT
Date: 04/30/2013
Action: Notification - Public Notice of Case Closure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

Global Id:	T0604100126
Action Type:	RESPONSE
Date:	07/08/1998
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	04/20/1995
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	12/31/2001
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	09/29/1998
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	08/21/1997
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	04/22/1997
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	03/30/1998
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	06/30/1997
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	07/17/1990
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	07/22/1992
Action:	Monitoring Report - Quarterly
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	03/30/1997
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

Date: 03/31/1999
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 06/30/1998
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 08/03/1999
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 09/30/1999
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 12/31/1996
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 10/11/1991
Action: Monitoring Report - Quarterly

Global Id: T0604100126
Action Type: RESPONSE
Date: 04/02/1991
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 01/17/1997
Action: Tank Removal Report / UST Sampling Report

Global Id: T0604100126
Action Type: RESPONSE
Date: 04/28/1998
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 02/13/1998
Action: Tank Removal Report / UST Sampling Report

Global Id: T0604100126
Action Type: RESPONSE
Date: 09/14/1998
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 08/30/1998
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

Global Id:	T0604100126
Action Type:	RESPONSE
Date:	01/16/1998
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	05/21/1998
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	07/30/1997
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	08/06/1997
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	07/31/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	03/08/2013
Action:	Request for Closure - Regulator Responded
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	04/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	06/29/2007
Action:	Soil and Water Investigation Report
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	01/30/2007
Action:	Soil and Water Investigation Workplan
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	02/16/2007
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	01/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0604100126
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

Date: 07/03/2013
Action: Staff Letter

Global Id: T0604100126
Action Type: RESPONSE
Date: 12/02/1998
Action: Soil and Water Investigation Report

Global Id: T0604100126
Action Type: RESPONSE
Date: 03/03/1997
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 03/17/1997
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 09/01/1998
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 09/02/1998
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 09/18/1998
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 06/15/1999
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 12/30/1997
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 09/30/1998
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 11/20/1987
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 04/10/1990
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

Global Id:	T0604100126
Action Type:	RESPONSE
Date:	07/21/1997
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	09/30/1997
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	12/30/1999
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	07/12/1990
Action:	Monitoring Report - Quarterly
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	08/21/1998
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	08/05/1990
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	01/15/1997
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	06/07/1990
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	10/12/1990
Action:	Monitoring Report - Quarterly
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	11/05/1987
Action:	Monitoring Report - Quarterly
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	12/09/1987
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

Date: 06/03/1997
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 07/24/1998
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 05/11/2000
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 05/11/1990
Action: Correspondence

Global Id: T0604100126
Action Type: RESPONSE
Date: 12/28/1989
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 04/16/1990
Action: Preliminary Site Assessment Report

Global Id: T0604100126
Action Type: RESPONSE
Date: 01/12/1990
Action: Monitoring Report - Quarterly

Global Id: T0604100126
Action Type: RESPONSE
Date: 04/09/1991
Action: Monitoring Report - Quarterly

Global Id: T0604100126
Action Type: RESPONSE
Date: 11/07/2003
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 09/17/1990
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 04/21/1997
Action: Other Report / Document

Global Id: T0604100126
Action Type: RESPONSE
Date: 01/11/1991
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

Global Id:	T0604100126
Action Type:	RESPONSE
Date:	11/07/1990
Action:	Monitoring Report - Quarterly
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	10/23/1989
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	07/01/1988
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	07/12/1989
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	04/13/1990
Action:	Monitoring Report - Quarterly
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	09/22/1997
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	12/03/1997
Action:	Other Report / Document
Global Id:	T0604100126
Action Type:	Other
Date:	11/05/1987
Action:	Leak Stopped
Global Id:	T0604100126
Action Type:	RESPONSE
Date:	08/14/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0604100126
Action Type:	ENFORCEMENT
Date:	03/16/2007
Action:	13267 Requirement
Global Id:	T0604100126
Action Type:	ENFORCEMENT
Date:	03/06/2007
Action:	Site Visit / Inspection / Sampling
Global Id:	T0604100126
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

Date: 02/02/2010
Action: File review

Global Id: T0604100126
Action Type: ENFORCEMENT
Date: 08/22/2012
Action: Staff Letter

Global Id: T0604100126
Action Type: RESPONSE
Date: 07/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0604100126
Action Type: ENFORCEMENT
Date: 03/28/2011
Action: Staff Letter

Global Id: T0604100126
Action Type: ENFORCEMENT
Date: 01/28/2013
Action: Staff Letter

Global Id: T0604100126
Action Type: ENFORCEMENT
Date: 07/12/2007
Action: Notice of Violation

Global Id: T0604100126
Action Type: ENFORCEMENT
Date: 04/12/2013
Action: File Review - Closure

Global Id: T0604100126
Action Type: ENFORCEMENT
Date: 12/08/2006
Action: 13267 Requirement

Global Id: T0604100126
Action Type: ENFORCEMENT
Date: 12/11/2006
Action: 13267 Requirement

Global Id: T0604100126
Action Type: ENFORCEMENT
Date: 05/07/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0604100126
Action Type: ENFORCEMENT
Date: 01/21/2009
Action: 13267 Monitoring Program

Global Id: T0604100126
Action Type: Other
Date: 11/05/1987
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288577

Global Id: T0604100126
Action Type: Other
Date: 12/11/1987
Action: Leak Reported

Global Id: T0604100126
Action Type: ENFORCEMENT
Date: 05/29/2014
Action: Closure/No Further Action Letter

Global Id: T0604100126
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

LUST REG 2:

Region: 2
Facility Id: 21-0133
Facility Status: Preliminary site assessment underway
Case Number: 21-0133
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 12/12/1989
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0133

E50
North
< 1/8
0.030 mi.
158 ft.

NORTHGATE SHELL
950 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94901
Site 5 of 19 in cluster E

SWEEPS UST S101588473
CA FID UST N/A

Relative:
Lower

SWEEPS UST:
Status: Active
Comp Number: 10499
Number: 2
Board Of Equalization: Not reported
Referral Date: 06-20-91
Action Date: 06-20-91
Created Date: 12-31-88
Owner Tank Id: 1
SWRCB Tank Id: 21-028-010499-000001
Tank Status: A
Capacity: 550

Actual:
34 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE SHELL (Continued)

S101588473

Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 4

Status: Active
Comp Number: 10499
Number: 2
Board Of Equalization: Not reported
Referral Date: 06-20-91
Action Date: 06-20-91
Created Date: 12-31-88
Owner Tank Id: 6918-08041-RU1
SWRCB Tank Id: 21-028-010499-000002
Tank Status: A
Capacity: 10000
Active Date: 06-20-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 10499
Number: 2
Board Of Equalization: Not reported
Referral Date: 06-20-91
Action Date: 06-20-91
Created Date: 12-31-88
Owner Tank Id: 6918-08043-REG
SWRCB Tank Id: 21-028-010499-000003
Tank Status: A
Capacity: 10000
Active Date: 06-20-91
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 10499
Number: 2
Board Of Equalization: Not reported
Referral Date: 06-20-91
Action Date: 06-20-91
Created Date: 12-31-88
Owner Tank Id: 691808042-SU1
SWRCB Tank Id: 21-028-010499-000004
Tank Status: A
Capacity: 10000
Active Date: 06-20-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE SHELL (Continued)

S101588473

CA FID UST:
Facility ID: 21000139
Regulated By: UTNKA
Regulated ID: 00010499
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154991809
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94901
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

**E51
North
< 1/8
0.030 mi.
158 ft.**

**SHELL OIL PRDOUCTS SAP 136047
950 DEL PRESIDIO
SAN RAFAEL, CA 94901
Site 6 of 19 in cluster E**

**RCRA-SQG 1010562026
CAR000185892**

**Relative:
Lower
Actual:
34 ft.**

RCRA-SQG:
Date form received by agency: 07/18/2007
Facility name: SHELL OIL PRDOUCTS SAP 136047
Facility address: 950 DEL PRESIDIO
SAN RAFAEL, CA 94901
EPA ID: CAR000185892
Mailing address: 12700 NORTHBOROUGH
RM 300 F07
HOUSTON, TX 77067
Contact: DON F WISDOM
Contact address: 12700 NORTHBOROUGH RM 300 F07
HOUSTON, TX 77067
Contact country: US
Contact telephone: 281-874-2238
Telephone ext.: 2238
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: SHELL OIL PRODUCTS US
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL PRDOUCTS SAP 136047 (Continued)

1010562026

Owner/Op start date: 08/01/1998
Owner/Op end date: Not reported

Owner/operator name: SHELL OIL PRODUCTS US
Owner/operator address: PO BOX 2099
HOUSTON, TX 77252

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/01/1998
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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

E52
North
< 1/8
0.030 mi.
158 ft.

WILLIAM BAUGH/NORTHGATE SHELL
950 DEL PRESIDIO BL
SAN RAFAEL, CA 94901
Site 7 of 19 in cluster E

HIST UST **U001599992**
N/A

Relative:
Lower

HIST UST:
File Number: 0002939E
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002939E.pdf>
Region: STATE
Facility ID: 00000010499
Facility Type: Gas Station
Other Type: Not reported
Contact Name: WILLIAM BAUGH
Telephone: 4154796222
Owner Name: SHELL OIL COMPANY
Owner Address: P.O. BOX 4848
Owner City,St,Zip: ANAHEIM, CA 92803
Total Tanks: 0004

Actual:
34 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAM BAUGH/NORTHGATE SHELL (Continued)

U001599992

Tank Num: 001
Container Num: 1
Year Installed: 1966
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: 12
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 2
Year Installed: 83
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 003
Container Num: 3
Year Installed: 83
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 004
Container Num: 4
Year Installed: 83
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

[Click here for Geo Tracker PDF:](#)

E53
North
< 1/8
0.030 mi.
158 ft.

NORTHGATE SHELL
950 DEL PRESIDIO
SAN RAFAEL, CA 94903

Site 8 of 19 in cluster E

UST U003782112
N/A

Relative:
Lower

UST:
Facility ID: 300024
Permitting Agency: SAN RAFAEL, CITY OF
Latitude: 38.0081544
Longitude: -122.542451

Actual:
34 ft.

MARIN CO. UST:
Facility Id: 30-0024

Tank Number: 000001
Tank Status: Change of Information
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE SHELL (Continued)

U003782112

Certificate Number: 05353
Last Inspected: 02/10/2009
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000001
Tank Status: UST Removal
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000002
Tank Status: UST Removal
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000003
Tank Status: Change of Information
Tank Contents: Premium unleaded
Tank Use: Motor vehicle fueling
Certificate Number: 05353
Last Inspected: 02/10/2009
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000003
Tank Status: UST Removal
Tank Contents: Premium unleaded
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE SHELL (Continued)

U003782112

Tank Status: Change of Information
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000004
Tank Status: Change of Information
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling
Certificate Number: 05353
Last Inspected: 02/10/2009
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000005
Tank Status: Change of Information
Tank Contents: Premium unleaded
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000006
Tank Status: Change of Information
Tank Contents: Diesel
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

E54
North
< 1/8
0.035 mi.
187 ft.

UNOCAL SERVICE STATION #4774
929 DEL PRESIDIO BOULEVARD
SAN RAFAEL, CA 94903
Site 9 of 19 in cluster E

RCRA-LQG 1007199789
CAD982056343

Relative:
Lower

RCRA-LQG:
Date form received by agency: 03/16/1992
Facility name: UNOCAL SERVICE STATION #4774
Facility address: 929 DEL PRESIDIO BOULEVARD
SAN RAFAEL, CA 94903
EPA ID: CAD982056343

Actual:
33 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

UNOCAL SERVICE STATION #4774 (Continued)

1007199789

Contact: MARC LALLANILLA
 Contact address: Not reported
 Contact country: US
 Contact telephone: (213) 977-6596
 Contact email: Not reported
 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

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

Violation Status: No violations found

E55
North
< 1/8
0.035 mi.
187 ft.

UNOCAL
929 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94901

Site 10 of 19 in cluster E

LUST S103991783
HIST CORTESE N/A

Relative:
Lower

LUST:

Region: STATE
 Global Id: T0604100148
 Latitude: 38.0072274
 Longitude: -122.5440519
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 04/11/1996
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Worker: JMJ
 Local Agency: Not reported
 RB Case Number: 21-0157

Actual:
33 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL (Continued)

S103991783

LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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

Contact:

Global Id: T0604100148
Contact Type: Regional Board Caseworker
Contact Name: JOHN JANG
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: jjang@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0604100148
Contact Type: Local Agency Caseworker
Contact Name: BRADLEY R. MARK
Organization Name: SAN RAFAEL, CITY OF
Address: 1039 C STREET
City: SAN RAFAEL
Email: brad.mark@ci.san-rafael.ca.us
Phone Number: Not reported

Status History:

Global Id: T0604100148
Status: Completed - Case Closed
Status Date: 04/11/1996

Global Id: T0604100148
Status: Open - Case Begin Date
Status Date: 02/14/1991

Global Id: T0604100148
Status: Open - Site Assessment
Status Date: 04/29/1991

Global Id: T0604100148
Status: Open - Site Assessment
Status Date: 03/02/1992

Global Id: T0604100148
Status: Open - Site Assessment
Status Date: 12/14/1992

Regulatory Activities:

Global Id: T0604100148
Action Type: Other
Date: 02/14/1991
Action: Leak Stopped

Global Id: T0604100148
Action Type: Other
Date: 02/14/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL (Continued)

S103991783

Action: Leak Discovery
Global Id: T0604100148
Action Type: Other
Date: 02/14/1991
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: 21-0157
Facility Status: Case Closed
Case Number: 8
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 4/29/1991
Preliminary Site Assesment Began: 3/2/1992
Pollution Characterization Began: 12/14/1992
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0157

E56
North
< 1/8
0.035 mi.
187 ft.

UNION OIL SS 4774
929 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903
Site 11 of 19 in cluster E

HIST UST **U001600026**
N/A

Relative:
Lower

HIST UST:
File Number: 00029425
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029425.pdf>
Region: STATE
Facility ID: 00000030699
Facility Type: Gas Station
Other Type: Not reported
Contact Name: JEROME V. NAWROCKI
Telephone: 4154790296
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111
Total Tanks: 0008

Actual:
33 ft.

Tank Num: 001
Container Num: 4774-1-1
Year Installed: 1961
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS 4774 (Continued)

U001600026

Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 4774-1-2
Year Installed: 1961
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 4774-2-1
Year Installed: 1961
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4774-4-1
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 4774-1-1
Year Installed: 1961
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: 4774-1-2
Year Installed: 1961
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 007
Container Num: 4774-2-1
Year Installed: 1961
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS 4774 (Continued)

U001600026

Tank Num: 008
Container Num: 4774-4-1
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

E57
North
< 1/8
0.035 mi.
187 ft.

UNION OIL SS# 4774
929 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903

SWEEPS UST **S101624701**
HIST UST **N/A**
CA FID UST

Site 12 of 19 in cluster E

Relative:
Lower

SWEEPS UST:
Status: Active
Comp Number: 30699
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-21-91
Action Date: 06-21-91
Created Date: 12-31-88
Owner Tank Id: 4774-1-1
SWRCB Tank Id: 21-028-030699-000001
Tank Status: A
Capacity: 4000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Actual:
33 ft.

Status: Active
Comp Number: 30699
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-21-91
Action Date: 06-21-91
Created Date: 12-31-88
Owner Tank Id: 4774-1-2
SWRCB Tank Id: 21-028-030699-000002
Tank Status: A
Capacity: 5000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 30699
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-21-91
Action Date: 06-21-91

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS# 4774 (Continued)

S101624701

Created Date: 12-31-88
Owner Tank Id: 4774-2-1
SWRCB Tank Id: 21-028-030699-000003
Tank Status: A
Capacity: 6000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 30699
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-21-91
Action Date: 06-21-91
Created Date: 12-31-88
Owner Tank Id: 4774-4-1
SWRCB Tank Id: 21-028-030699-000004
Tank Status: A
Capacity: 280
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:

File Number: 00029432
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029432.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 21000163
Regulated By: UTNKA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS# 4774 (Continued)

S101624701

Regulated ID: 00030699
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154790296
Mail To: Not reported
Mailing Address: 929 DEL PRESIDIO BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

D58
East
< 1/8
0.037 mi.
194 ft.

496 LAS GALLINAS AVE
SAN RAFAEL, CA 94903
Site 3 of 4 in cluster D

EDR Hist Auto 1015519585
N/A

Relative:
Lower

EDR Historical Auto Stations:

Name: TOSCALITO TIRE & AUTOMOTIVE
Year: 2009
Address: 496 LAS GALLINAS AVE

Actual:
29 ft.

Name: TOSCALITO TIRE & AUTOMOTIVE
Year: 2011
Address: 496 LAS GALLINAS AVE

Name: TERRA LINDA TIRE & BRAKE
Year: 2012
Address: 496 LAS GALLINAS AVE

D59
East
< 1/8
0.037 mi.
194 ft.

GOODYEAR TIRE AND RUBBER CO
496 LAS GALLINAS
SAN RAFAEL, CA 95403
Site 4 of 4 in cluster D

HIST UST U001609370
N/A

Relative:
Lower

HIST UST:

File Number: 00029248
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029248.pdf>
Region: STATE
Facility ID: 00000021799
Facility Type: Other
Other Type: SERVICE STONE
Contact Name: WILLIAM R. FERGUSON
Telephone: 4154793300
Owner Name: GOODYEAR TIRE & RUBBER CO.
Owner Address: 496 LAS GALLINAS
Owner City,St,Zip: SAN RAFAEL, CA 95403
Total Tanks: 0001

Actual:
29 ft.

Tank Num: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODYEAR TIRE AND RUBBER CO (Continued)

U001609370

Container Num: 8748
Year Installed: 1973
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

[Click here for Geo Tracker PDF:](#)

E60
North
< 1/8
0.058 mi.
308 ft.

949 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903
Site 13 of 19 in cluster E

EDR Hist Auto 1015682130
N/A

Relative:
Lower

EDR Historical Auto Stations:

Actual:
30 ft.

Name: CHEVRON STATIONS
Year: 1999
Address: 949 DEL PRESIDIO BLVD

Name: CHEVRON STATIONS
Year: 2000
Address: 949 DEL PRESIDIO BLVD

Name: SABACA CHEVRON
Year: 2001
Address: 949 DEL PRESIDIO BLVD

Name: SABACA CHEVRON
Year: 2002
Address: 949 DEL PRESIDIO BLVD

Name: PARKWAY CHEVRON
Year: 2003
Address: 949 DEL PRESIDIO BLVD

Name: PARKWAY CHEVRON FOOD MART
Year: 2004
Address: 949 DEL PRESIDIO BLVD

Name: RON SABACA CHEVRON SERVICE 2
Year: 2005
Address: 949 DEL PRESIDIO BLVD

Name: RON SABACA CHEVRON SERVICE 2
Year: 2006
Address: 949 DEL PRESIDIO BLVD

Name: CHEVRON
Year: 2010
Address: 949 DEL PRESIDIO BLVD

Name: CHEVRON
Year: 2011
Address: 949 DEL PRESIDIO BLVD

Name: CHEVRON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015682130

Year: 2012
Address: 949 DEL PRESIDIO BLVD

E61
North
< 1/8
0.058 mi.
308 ft.

CHEVRON
949 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94901

LUST S110060612
HIST CORTESE N/A

Site 14 of 19 in cluster E

Relative:
Lower

LUST:

Actual:
30 ft.

Region: STATE
Global Id: T0604100157
Latitude: 38.007217455
Longitude: -122.544517967
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/20/2014
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: REL
Local Agency: Not reported
RB Case Number: 21-0166
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:

Global Id: T0604100157
Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST. SUITE 1500
City: OAKLAND
Email: ralambert@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0604100157
Status: Completed - Case Closed
Status Date: 02/20/2014

Global Id: T0604100157
Status: Open - Assessment & Interim Remedial Action
Status Date: 11/01/2010

Global Id: T0604100157
Status: Open - Case Begin Date
Status Date: 08/17/1987

Global Id: T0604100157
Status: Open - Eligible for Closure
Status Date: 04/09/2013

Global Id: T0604100157
Status: Open - Site Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S110060612

Status Date: 08/17/1987

Global Id: T0604100157
Status: Open - Site Assessment
Status Date: 03/29/2007

Regulatory Activities:

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 02/27/2007
Action: File review

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 03/05/2013
Action: File Review - Closure

Global Id: T0604100157
Action Type: RESPONSE
Date: 05/19/2008
Action: Soil and Water Investigation Report

Global Id: T0604100157
Action Type: RESPONSE
Date: 07/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0604100157
Action Type: RESPONSE
Date: 03/05/2013
Action: Request for Closure - Regulator Responded

Global Id: T0604100157
Action Type: RESPONSE
Date: 04/06/2007
Action: Soil and Water Investigation Workplan

Global Id: T0604100157
Action Type: RESPONSE
Date: 07/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0604100157
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0604100157
Action Type: RESPONSE
Date: 09/14/2007
Action: Other Report / Document

Global Id: T0604100157
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S110060612

Global Id: T0604100157
Action Type: RESPONSE
Date: 12/10/2007
Action: Monitoring Report - Quarterly

Global Id: T0604100157
Action Type: RESPONSE
Date: 01/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 03/23/2009
Action: 13267 Requirement

Global Id: T0604100157
Action Type: RESPONSE
Date: 11/19/2010
Action: Interim Remedial Action Report

Global Id: T0604100157
Action Type: RESPONSE
Date: 11/19/2007
Action: Other Report / Document

Global Id: T0604100157
Action Type: RESPONSE
Date: 05/01/2008
Action: Monitoring Report - Quarterly

Global Id: T0604100157
Action Type: Other
Date: 08/17/1987
Action: Leak Stopped

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 08/15/2003
Action: Staff Letter

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 05/21/2007
Action: 13267 Requirement

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 10/04/2007
Action: Staff Letter

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 04/28/2011
Action: Site Visit / Inspection / Sampling

Global Id: T0604100157
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S110060612

Date: 01/24/2007
Action: Staff Letter

Global Id: T0604100157
Action Type: RESPONSE
Date: 05/29/2009
Action: Soil and Water Investigation Workplan

Global Id: T0604100157
Action Type: RESPONSE
Date: 07/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0604100157
Action Type: RESPONSE
Date: 07/01/2011
Action: Soil and Water Investigation Workplan

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 08/09/2010
Action: 13267 Requirement

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 09/19/2008
Action: Notice of Violation

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 03/06/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 12/20/2007
Action: 13267 Requirement

Global Id: T0604100157
Action Type: REMEDIATION
Date: 11/09/2010
Action: Excavation

Global Id: T0604100157
Action Type: RESPONSE
Date: 11/14/2011
Action: Soil and Water Investigation Report

Global Id: T0604100157
Action Type: RESPONSE
Date: 03/15/2010
Action: CAP/RAP - Feasibility Study Report

Global Id: T0604100157
Action Type: RESPONSE
Date: 05/19/2008
Action: Well Installation Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S110060612

Global Id:	T0604100157
Action Type:	ENFORCEMENT
Date:	01/12/2010
Action:	13267 Requirement
Global Id:	T0604100157
Action Type:	ENFORCEMENT
Date:	01/11/2010
Action:	13267 Requirement
Global Id:	T0604100157
Action Type:	ENFORCEMENT
Date:	07/07/2011
Action:	13267 Requirement
Global Id:	T0604100157
Action Type:	ENFORCEMENT
Date:	04/09/2013
Action:	Notification - Public Notice of Case Closure
Global Id:	T0604100157
Action Type:	ENFORCEMENT
Date:	06/04/2009
Action:	13267 Requirement
Global Id:	T0604100157
Action Type:	ENFORCEMENT
Date:	10/07/2009
Action:	13267 Requirement
Global Id:	T0604100157
Action Type:	Other
Date:	08/17/1987
Action:	Leak Discovery
Global Id:	T0604100157
Action Type:	Other
Date:	08/17/1987
Action:	Leak Reported
Global Id:	T0604100157
Action Type:	RESPONSE
Date:	09/11/2009
Action:	Soil and Water Investigation Report
Global Id:	T0604100157
Action Type:	RESPONSE
Date:	03/17/2010
Action:	Fact Sheets - Public Participation
Global Id:	T0604100157
Action Type:	ENFORCEMENT
Date:	04/27/2011
Action:	13267 Requirement
Global Id:	T0604100157
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON (Continued)

S110060612

Date: 11/14/2012
Action: Staff Letter

Global Id: T0604100157
Action Type: ENFORCEMENT
Date: 02/20/2014
Action: Closure/No Further Action Letter

Global Id: T0604100157
Action Type: RESPONSE
Date: 08/01/2003
Action: Monitoring Report - Quarterly

HIST CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0166

E62
North
< 1/8
0.058 mi.
308 ft.

CHEVRON #3553
949 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903
Site 15 of 19 in cluster E

LUST **S105030649**
SWEEPS UST **N/A**

Relative:
Lower

LUST REG 2:

Actual:
30 ft.

Region: 2
Facility Id: 21-0166
Facility Status: Leak being confirmed
Case Number: 3
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 8/17/1987
Oversight Program: LUST
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:

Status: Active
Comp Number: 62466
Number: 2
Board Of Equalization: 44-031913
Referral Date: 12-29-92
Action Date: 05-24-94
Created Date: 12-31-88
Owner Tank Id: 1
SWRCB Tank Id: 21-028-062466-000001
Tank Status: A
Capacity: 10000
Active Date: 12-29-92
Tank Use: M.V. FUEL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #3553 (Continued)

S105030649

STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 62466
Number: 2
Board Of Equalization: 44-031913
Referral Date: 12-29-92
Action Date: 05-24-94
Created Date: 12-31-88
Owner Tank Id: 2
SWRCB Tank Id: 21-028-062466-000002
Tank Status: A
Capacity: 10000
Active Date: 12-29-92
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 62466
Number: 2
Board Of Equalization: 44-031913
Referral Date: 12-29-92
Action Date: 05-24-94
Created Date: 12-31-88
Owner Tank Id: 3
SWRCB Tank Id: 21-028-062466-000003
Tank Status: A
Capacity: 10000
Active Date: 12-29-92
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 62466
Number: 2
Board Of Equalization: 44-031913
Referral Date: 12-29-92
Action Date: 05-24-94
Created Date: 12-31-88
Owner Tank Id: 4
SWRCB Tank Id: 21-028-062466-000004
Tank Status: A
Capacity: 10000
Active Date: 12-29-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E63
North
< 1/8
0.058 mi.
308 ft.

CHEVRON #93553
949 DEL PRESIDIO BLVD.
SAN RAFAEL, CA 94903

RCRA-LQG **1006804949**
CAR000118695

Site 16 of 19 in cluster E

Relative:
Lower

RCRA-LQG:

Date form received by agency: 06/25/2010
Facility name: CHEVRON #93553
Facility address: 949 DEL PRESIDIO BLVD.
SAN RAFAEL, CA 94903
EPA ID: CAR000118695
Mailing address: PO BOX 6004
SAN RAMON, CA 94583
Contact: BEVERLY STRIPLIN
Contact address: PO BOX 6004
SAN RAMON, CA 94583
Contact country: US
Contact telephone: (925) 842-2150
Contact email: NAWTDESK@CHEVRON.COM
EPA Region: 09

Actual:
30 ft.

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: CHEVRON PRODUCTS CO.
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: 09/13/1961
Owner/Op end date: Not reported

Owner/operator name: CHEVRON PRODUCTS CO
Owner/operator address: P O BOX 6004
SAN RAMON, CA 94583
Owner/operator country: Not reported
Owner/operator telephone: (925) 842-5931
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CHEVRON PRODUCTS CO.
Owner/operator address: PO BOX 6004
SAN RAMON, CA 94583

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #93553 (Continued)

1006804949

Owner/operator country: US
Owner/operator telephone: (925) 842-2150
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/13/1961
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

. Waste code: 134
. Waste name: 134

. Waste code: 213
. Waste name: 213

. Waste code: 223
. Waste name: 223

. Waste code: 343
. Waste name: 343

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Historical Generators:

Date form received by agency: 05/16/2002
Site name: CHEVRON STATION NO 93553
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

E64
North
< 1/8
0.058 mi.
308 ft.

93553
949 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903

Site 17 of 19 in cluster E

HIST UST **U001599998**
 N/A

Relative:
Lower

HIST UST:

File Number: 00029166
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029166.pdf>
 Region: STATE
 Facility ID: 00000062466
 Facility Type: Gas Station
 Other Type: Not reported
 Contact Name: SABACA,HARRY
 Telephone: 4154999950
 Owner Name: CHEVRON U.S.A. INC.
 Owner Address: 575 MARKET
 Owner City,St,Zip: SAN FRANCISCO, CA 94105
 Total Tanks: 0003

Actual:
30 ft.

Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 0000370
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: Not reported
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 0000370
 Leak Detection: Stock Inventor

Tank Num: 003
 Container Num: 3
 Year Installed: Not reported
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 0000370
 Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

E65
North
< 1/8
0.058 mi.
308 ft.

93553 CHEVRON
949 DEL PRESIDIO BLVD
SAN RAFAEL, CA 94903

Site 18 of 19 in cluster E

CA FID UST **S101588454**
 N/A

Relative:
Lower

CA FID UST:

Facility ID: 21000033
 Regulated By: UTNKA
 Regulated ID: 00062466
 Cortese Code: Not reported

Actual:
30 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

93553 CHEVRON (Continued)

S101588454

SIC Code: Not reported
Facility Phone: 4154999950
Mail To: Not reported
Mailing Address: 949 DEL PRESIDIO BLVD
Mailing Address 2: Not reported
Mailing City, St, Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

E66
North
< 1/8
0.058 mi.
308 ft.

CHEVRON STATION #93553
949 DEL PRESIDIO BLVD.
SAN RAFAEL, CA 94903

UST U003804959
N/A

Site 19 of 19 in cluster E

Relative:
Lower

UST:
Facility ID: 300036
Permitting Agency: SAN RAFAEL, CITY OF
Latitude: 38.0086119
Longitude: -122.5432917

Actual:
30 ft.

MARIN CO. UST:

Facility Id: 30-0036

Tank Number: 000001
Tank Status: Change of Information
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling
Certificate Number: 05360
Last Inspected: 01/16/2009
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000002
Tank Status: Change of Information
Tank Contents: Diesel
Tank Use: Motor vehicle fueling
Certificate Number: 05360
Last Inspected: 01/16/2009
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000003
Tank Status: Change of Information
Tank Contents: Premium unleaded
Tank Use: Motor vehicle fueling

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION #93553 (Continued)

U003804959

Certificate Number: 05360
Last Inspected: 01/16/2009
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000004
Tank Status: Change of Information
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling
Certificate Number: 05360
Last Inspected: 01/16/2009
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

G67
NNW
< 1/8
0.067 mi.
353 ft.

PAUL O SATHER RADIOLOGY OFFICE
750 LAS GALLINAS NO 101
SAN RAFAEL, CA 94903

RCRA-SQG 1000685832
FINDS CAD983624941
ECHO

Site 1 of 2 in cluster G

Relative:
Lower

RCRA-SQG:

Date form received by agency: 03/24/1992
Facility name: PAUL O SATHER RADIOLOGY OFFICE

Actual:
34 ft.

Facility address: 750 LAS GALLINAS NO 101
SAN RAFAEL, CA 94903

EPA ID: CAD983624941

Contact: PAUL SATHER

Contact address: 750 LAS GALLINAS NO 101
SAN RAFAEL, CA 94903

Contact country: US

Contact telephone: (415) 879-8211

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: PAUL SATHER MD
Owner/operator address: 750 LAS GALLINAS NO 101
SAN RAFAEL, CA 94903

Owner/operator country: Not reported

Owner/operator telephone: (415) 479-8211

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PAUL O SATHER RADIOLOGY OFFICE (Continued)

1000685832

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

Violation Status: No violations found

FINDS:

Registry ID: 110002872044

Environmental Interest/Information System

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.

ECHO:

Envid: 1000685832
 Registry ID: 110002872044
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002872044

**G68
 NNW
 < 1/8
 0.099 mi.
 523 ft.**

**WALGREENS #13584
 155 NORTHGATE ONE
 SAN RAFAEL, CA 94903**

**RCRA-CESQG 1016954610
 CAL000354746**

Site 2 of 2 in cluster G

**Relative:
 Lower**

RCRA-CESQG:

Date form received by agency: 06/09/2014
 Facility name: WALGREENS #13584
 Facility address: 155 NORTHGATE ONE
 SAN RAFAEL, CA 94903
 EPA ID: CAL000354746
 Mailing address: GREY HAWK CT, STE 200
 CARLSBAD, CA 92010
 Contact: KARINA E ROMERO
 Contact address: N LAKE AVE
 PASADENA, CA 91101
 Contact country: Not reported
 Contact telephone: (760) 602-8887
 Contact email: KROMERO@3ECOMPANY.COM

**Actual:
 26 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #13584 (Continued)

1016954610

EPA Region: 09
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 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; 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 at any time: 1 kg or less of acutely hazardous waste; or 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

Owner/Operator Summary:

Owner/operator name: WALGREEN CO
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: 06/25/2010
Owner/Op end date: Not reported

Owner/operator name: WALGREEN CO
Owner/operator address: WILMOT RD
DEERFIELD, IL 60015
Owner/operator country: Not reported
Owner/operator telephone: (847) 914-2264
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/25/2010
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

. Waste code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #13584 (Continued)

1016954610

- . Waste name: IGNITABLE WASTE
 - . Waste code: D002
 - . Waste name: CORROSIVE WASTE
 - . Waste code: D007
 - . Waste name: CHROMIUM
 - . Waste code: D009
 - . Waste name: MERCURY
 - . Waste code: D010
 - . Waste name: SELENIUM
 - . Waste code: D024
 - . Waste name: M-CRESOL
 - . Waste code: P001
 - . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
 - . Waste code: P075
 - . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
 - . Waste code: U034
 - . Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
 - . Waste code: U165
 - . Waste name: NAPHTHALENE
- Violation Status: No violations found

69
WSW
< 1/8
0.114 mi.
600 ft.

VILLA MARIN HOMEOWNERS ASSOCIATION
100 THORNDALE DRIVE
SAN RAFAEL, CA 94903

UST U003782243
N/A

Relative:
Higher

UST:
Facility ID: 300478
Permitting Agency: SAN RAFAEL, CITY OF
Latitude: 38.0053351
Longitude: -122.5480784

Actual:
197 ft.

MARIN CO. UST:
Facility Id: 30-0478

Tank Number: 000001
Tank Status: UST Removal
Tank Contents: Petroleum blend fuel
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA MARIN HOMEOWNERS ASSOCIATION (Continued)

U003782243

Reason: Not reported

H70
NNW
< 1/8
0.120 mi.
636 ft.

206 NORTHGATE ONE
SAN RAFAEL, CA 94903

EDR Hist Cleaner 1015015315
N/A

Site 1 of 2 in cluster H

Relative:
Lower

EDR Historical Cleaners:

Name: NORTHGATE CLEANERS
Year: 2008

Actual:
22 ft.

Address: 206 NORTHGATE ONE

Name: NORTHGATE CLEANERS
Year: 2010
Address: 206 NORTHGATE ONE

Name: NORTHGATE CLEANERS
Year: 2012
Address: 206 NORTHGATE ONE

H71
NW
1/8-1/4
0.126 mi.
667 ft.

PACIFIC BELL
820 LAS GALLINAS AVENUE
SAN RAFAEL, CA 94903

RCRA NonGen / NLR 1000250852
FINDS CAT080015779
ECHO

Site 2 of 2 in cluster H

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 09/02/1997

Facility name: PACIFIC BELL
Facility address: 820 LAS GALLINAS AVENUE
SAN RAFAEL, CA 94903

Actual:
26 ft.

EPA ID: CAT080015779
Mailing address: 220 MONTGOMERY STREET RM 1051
SAN FRANCISCO, CA 94104

Contact: ENVIRONMENTAL MANAGER
Contact address: 820 LAS GALLINAS AVENUE
SAN RAFAEL, CA 94903

Contact country: US
Contact telephone: (415) 954-9836

Contact email: Not reported
EPA Region: 09

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: RAWSON KELHAM TRUST OF 1965
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250852

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: 09/01/1996
Site name: PACIFIC BELL
Classification: Small Quantity Generator

Date form received by agency: 01/09/1981
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002947447

Environmental Interest/Information System

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.

ECHO:

Envid: 1000250852
Registry ID: 110002947447
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002947447

172
SE
1/8-1/4
0.138 mi.
728 ft.

GUIDE DOGS FOR THE BLIND, INC.
350 LOS RANCHITOS RD
SAN RAFAEL, CA 94903
Site 1 of 2 in cluster I

SWEEPS UST S101624707
HIST UST N/A
CA FID UST
EMI

Relative:
Lower

SWEEPS UST:
Status: Active
Comp Number: 7193
Number: 1
Board Of Equalization: Not reported

Actual:
37 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUIDE DOGS FOR THE BLIND, INC. (Continued)

S101624707

Referral Date: 06-20-91
Action Date: 06-20-91
Created Date: 12-31-88
Owner Tank Id: 1
SWRCB Tank Id: 21-028-007193-000001
Tank Status: A
Capacity: 1000
Active Date: 06-18-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 1

HIST UST:

File Number: 0002924C
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002924C.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 21001771
Regulated By: UTNKA
Regulated ID: 00007193
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154994000
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GUIDE DOGS FOR THE BLIND, INC. (Continued)

S101624707

EMI:

Year: 2013
 County Code: 21
 Air Basin: SF
 Facility ID: 21646
 Air District Name: BA
 SIC Code: 8322
 Air District Name: BAY AREA 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: 0.001
 NOX - Oxides of Nitrogen Tons/Yr: 0.003
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2014
 County Code: 21
 Air Basin: SF
 Facility ID: 21646
 Air District Name: BA
 SIC Code: 8322
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0.00018959
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0.001381718
 NOX - Oxides of Nitrogen Tons/Yr: 0.003170352
 SOX - Oxides of Sulphur Tons/Yr: 5.601e-006
 Particulate Matter Tons/Yr: 0.000178666
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0.000171519

I73
SE
1/8-1/4
0.138 mi.
728 ft.

GUIDE DOGS FOR THE BLIND
350 LOS RANCHITOS
SAN RAFAEL, CA 94903
Site 2 of 2 in cluster I

UST 1006839206
FINDS N/A
EMI
NPDES

Relative:
Lower

Actual:
37 ft.

UST:
 Facility ID: 300184
 Permitting Agency: SAN RAFAEL, CITY OF
 Latitude: 38.001821
 Longitude: -122.53912

MARIN CO. UST:
 Facility Id: 30-0184

 Tank Number: 000001
 Tank Status: UST Removal
 Tank Contents: Premium unleaded
 Tank Use: Motor vehicle fueling
 Certificate Number: 05385
 Last Inspected: 07/27/2007
 Program: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUIDE DOGS FOR THE BLIND (Continued)

1006839206

Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000002
Tank Status: UST Removal
Tank Contents: Not reported
Tank Use: Motor vehicle fueling
Certificate Number: 05385
Last Inspected: 07/27/2007
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

FINDS:

Registry ID: 110014002186

Environmental Interest/Information System
HAZARDOUS AIR POLLUTANT MAJOR

EMI:

Year: 2002
County Code: 21
Air Basin: SF
Facility ID: 5533
Air District Name: BA
SIC Code: 8322
Air District Name: BAY AREA 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: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2003
County Code: 21
Air Basin: SF
Facility ID: 5533
Air District Name: BA
SIC Code: 8322
Air District Name: BAY AREA 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: 0
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUIDE DOGS FOR THE BLIND (Continued)

1006839206

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

Year: 2004
County Code: 21
Air Basin: SF
Facility ID: 5533
Air District Name: BA
SIC Code: 8322
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.001
Reactive Organic Gases Tons/Yr: 0.0001643
Carbon Monoxide Emissions Tons/Yr: 0.005
NOX - Oxides of Nitrogen Tons/Yr: 0.015
SOX - Oxides of Sulphur Tons/Yr: 0.001
Particulate Matter Tons/Yr: 0.003
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.0029475

Year: 2005
County Code: 21
Air Basin: SF
Facility ID: 5533
Air District Name: BA
SIC Code: 8322
Air District Name: BAY AREA 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: .003
NOX - Oxides of Nitrogen Tons/Yr: .01
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .001
Part. Matter 10 Micrometers and Smlr Tons/Yr:.0009825

Year: 2006
County Code: 21
Air Basin: SF
Facility ID: 5533
Air District Name: BA
SIC Code: 8322
Air District Name: BAY AREA 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: .003
NOX - Oxides of Nitrogen Tons/Yr: .009
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .001
Part. Matter 10 Micrometers and Smlr Tons/Yr:.0009825

Year: 2007
County Code: 21
Air Basin: SF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUIDE DOGS FOR THE BLIND (Continued)

1006839206

Facility ID: 5533
Air District Name: BA
SIC Code: 8322
Air District Name: BAY AREA 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: .003
NOX - Oxides of Nitrogen Tons/Yr: .009
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .001
Part. Matter 10 Micrometers and Smlr Tons/Yr:.0009825

Year: 2008
County Code: 21
Air Basin: SF
Facility ID: 5533
Air District Name: BA
SIC Code: 8322
Air District Name: BAY AREA 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: .003
NOX - Oxides of Nitrogen Tons/Yr: .009
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .001
Part. Matter 10 Micrometers and Smlr Tons/Yr:.0009825

NPDES:

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 2
Regulatory Measure Id: 421726
Order No: Not reported
Regulatory Measure Type: Construction
Place Id: Not reported
WDID: 2 21C362408
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 11/8/2011
PROCESSED DATE: 11/14/2011
STATUS CODE NAME: Active
STATUS DATE: 11/14/2011
PLACE SIZE: 2.25
PLACE SIZE UNIT: 52

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUIDE DOGS FOR THE BLIND (Continued)

1006839206

FACILITY CONTACT NAME: Rebecca Rothman
FACILITY CONTACT TITLE: Project Engineer
FACILITY CONTACT PHONE: 510-873-8866
FACILITY CONTACT PHONE EXT: 414
FACILITY CONTACT EMAIL: rrothman@sandis.net
OPERATOR NAME: Guide Dogs for the Blind Inc
OPERATOR ADDRESS: 350 Los Ranchitos Rd
OPERATOR CITY: San Rafael
OPERATOR STATE: California
OPERATOR ZIP: 94903
OPERATOR CONTACT NAME: Michael Fryer
OPERATOR CONTACT TITLE: Facilities and Projects Manager
OPERATOR CONTACT PHONE: 415-499-4037
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: mfryer@guidedogs.com
OPERATOR TYPE: Private Business
DEVELOPER NAME: SANDIS
DEVELOPER ADDRESS: 1721 Broadway Suite 201
DEVELOPER CITY: Oakland
DEVELOPER STATE: California
DEVELOPER ZIP: 94612
DEVELOPER CONTACT NAME: Rebecca Rothman
DEVELOPER CONTACT TITLE: Project Engineer
CONSTYPE LINEAR UTILITY IND: N
EMERGENCY PHONE NO: Not reported
EMERGENCY PHONE EXT: Not reported
CONSTYPE ABOVE GROUND IND: Not reported
CONSTYPE BELOW GROUND IND: Not reported
CONSTYPE CABLE LINE IND: Not reported
CONSTYPE COMM LINE IND: Not reported
CONSTYPE COMMERTIAL IND: Y
CONSTYPE ELECTRICAL LINE IND: Not reported
CONSTYPE GAS LINE IND: Not reported
CONSTYPE INDUSTRIAL IND: Not reported
CONSTYPE OTHER DESRIPTION: Not reported
CONSTYPE OTHER IND: Not reported
CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: Y
RECEIVING WATER NAME: Gallinas Creek
CERTIFIER NAME: Michael Fryer
CERTIFIER TITLE: Facilities and Projects Manager
CERTIFICATION DATE: 08-NOV-11
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

Npdes Number: CAS000002
Facility Status: Terminated
Agency Id: 0
Region: 2
Regulatory Measure Id: 421726
Order No: 2009-0009-DWQ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUIDE DOGS FOR THE BLIND (Continued)

1006839206

Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	2 21C362408
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/14/2011
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	06/25/2013
Discharge Name:	Guide Dogs for the Blind Inc
Discharge Address:	350 Los Ranchitos Rd
Discharge City:	San Rafael
Discharge State:	California
Discharge Zip:	94903
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERCIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUIDE DOGS FOR THE BLIND (Continued)

1006839206

CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: Not reported
RECEIVING WATER NAME: Not reported
CERTIFIER NAME: Not reported
CERTIFIER TITLE: Not reported
CERTIFICATION DATE: Not reported
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

J74
North
1/8-1/4
0.143 mi.
754 ft.

ART'S AUTO CARE
1005 NORTHGATE DR
SAN RAFAEL, CA 94901

LUST S102424670
HIST CORTESE N/A

Site 1 of 3 in cluster J

Relative:
Lower

LUST:

Actual:
39 ft.

Region: STATE
Global Id: T0604100257
Latitude: 38.0085733941626
Longitude: -122.545130252838
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/01/2010
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: REL
Local Agency: Not reported
RB Case Number: 21-0275
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:

Global Id: T0604100257
Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST. SUITE 1500
City: OAKLAND
Email: ralambert@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0604100257
Status: Completed - Case Closed
Status Date: 07/01/2010

Global Id: T0604100257
Status: Open - Case Begin Date
Status Date: 11/17/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ART'S AUTO CARE (Continued)

S102424670

Global Id: T0604100257
Status: Open - Site Assessment
Status Date: 01/19/1995

Global Id: T0604100257
Status: Open - Site Assessment
Status Date: 04/24/2007

Global Id: T0604100257
Status: Open - Site Assessment
Status Date: 09/20/2007

Global Id: T0604100257
Status: Open - Verification Monitoring
Status Date: 01/10/2008

Regulatory Activities:

Global Id: T0604100257
Action Type: ENFORCEMENT
Date: 06/18/2007
Action: 13267 Requirement

Global Id: T0604100257
Action Type: RESPONSE
Date: 11/09/1998
Action: Other Report / Document

Global Id: T0604100257
Action Type: RESPONSE
Date: 08/07/1996
Action: Tank Removal Report / UST Sampling Report

Global Id: T0604100257
Action Type: RESPONSE
Date: 01/15/1993
Action: Correspondence

Global Id: T0604100257
Action Type: RESPONSE
Date: 07/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0604100257
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0604100257
Action Type: RESPONSE
Date: 07/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0604100257
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ART'S AUTO CARE (Continued)

S102424670

Global Id:	T0604100257
Action Type:	RESPONSE
Date:	06/08/2007
Action:	Other Workplan
Global Id:	T0604100257
Action Type:	RESPONSE
Date:	05/19/2008
Action:	Sensitive Receptor Survey Report
Global Id:	T0604100257
Action Type:	RESPONSE
Date:	11/19/2007
Action:	Other Report / Document
Global Id:	T0604100257
Action Type:	RESPONSE
Date:	09/21/2007
Action:	Soil and Water Investigation Report
Global Id:	T0604100257
Action Type:	RESPONSE
Date:	08/29/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0604100257
Action Type:	RESPONSE
Date:	04/13/1993
Action:	Other Report / Document
Global Id:	T0604100257
Action Type:	RESPONSE
Date:	03/23/1992
Action:	Monitoring Report - Quarterly
Global Id:	T0604100257
Action Type:	RESPONSE
Date:	08/15/2000
Action:	Monitoring Report - Quarterly
Global Id:	T0604100257
Action Type:	RESPONSE
Date:	08/15/2000
Action:	Monitoring Report - Quarterly
Global Id:	T0604100257
Action Type:	RESPONSE
Date:	07/08/1991
Action:	Other Report / Document
Global Id:	T0604100257
Action Type:	RESPONSE
Date:	07/08/1991
Action:	Other Report / Document
Global Id:	T0604100257
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ART'S AUTO CARE (Continued)

S102424670

Date: 07/08/1991
Action: Other Report / Document

Global Id: T0604100257
Action Type: RESPONSE
Date: 01/27/2005
Action: Monitoring Report - Quarterly

Global Id: T0604100257
Action Type: RESPONSE
Date: 01/26/1993
Action: Other Report / Document

Global Id: T0604100257
Action Type: RESPONSE
Date: 01/05/2004
Action: Site Assessment Report

Global Id: T0604100257
Action Type: RESPONSE
Date: 01/01/2008
Action: Monitoring Report - Quarterly

Global Id: T0604100257
Action Type: Other
Date: 11/17/1989
Action: Leak Stopped

Global Id: T0604100257
Action Type: ENFORCEMENT
Date: 08/15/2003
Action: Staff Letter

Global Id: T0604100257
Action Type: ENFORCEMENT
Date: 02/08/2007
Action: File review

Global Id: T0604100257
Action Type: ENFORCEMENT
Date: 02/19/2008
Action: Staff Letter

Global Id: T0604100257
Action Type: ENFORCEMENT
Date: 04/20/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0604100257
Action Type: ENFORCEMENT
Date: 04/24/2007
Action: 13267 Requirement

Global Id: T0604100257
Action Type: ENFORCEMENT
Date: 10/04/2007
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ART'S AUTO CARE (Continued)

S102424670

Global Id: T0604100257
Action Type: ENFORCEMENT
Date: 07/01/2010
Action: Closure/No Further Action Letter

Global Id: T0604100257
Action Type: Other
Date: 11/17/1989
Action: Leak Discovery

Global Id: T0604100257
Action Type: Other
Date: 01/26/1993
Action: Leak Reported

Global Id: T0604100257
Action Type: RESPONSE
Date: 12/16/2009
Action: Correspondence

Global Id: T0604100257
Action Type: ENFORCEMENT
Date: 02/08/2007
Action: * Verbal Communication

Global Id: T0604100257
Action Type: RESPONSE
Date: 08/04/2003
Action: Monitoring Report - Quarterly

LUST REG 2:

Region: 2
Facility Id: 21-0275
Facility Status: Leak being confirmed
Case Number: 21-39
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 1/19/1995
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0275

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J75
North
1/8-1/4
0.143 mi.
754 ft.

GATEWAY GAS
1005 NORTHGATE DRIVE
SAN RAFAEL, CA 94903

UST **U003782222**
N/A

Site 2 of 3 in cluster J

Relative:
Lower

UST:
Facility ID: 300370
Permitting Agency: SAN RAFAEL, CITY OF
Latitude: 38.00987
Longitude: -122.5439332

Actual:
39 ft.

MARIN CO. UST:

Facility Id: 60-0992

Tank Number: 000001
Tank Status: New Permit
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000001
Tank Status: Change of Information
Tank Contents: Regular unleaded
Tank Use: Motor vehicle fueling
Certificate Number: 05370
Last Inspected: 08/17/2008
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000002
Tank Status: New Permit
Tank Contents: Premium unleaded
Tank Use: Motor vehicle fueling
Certificate Number: Not reported
Last Inspected: Not reported
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000002
Tank Status: Change of Information
Tank Contents: Premium unleaded
Tank Use: Motor vehicle fueling
Certificate Number: 05370
Last Inspected: 08/17/2008
Program: Not reported
Location: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATEWAY GAS (Continued)

U003782222

Pulled Date: Not reported
Reason: Not reported

J76
North
1/8-1/4
0.143 mi.
754 ft.

ARTS AUTO CARE
1005 NORTHGATE DR
SAN RAFAEL, CA 94903

Site 3 of 3 in cluster J

SWEEPS UST
HIST UST
CA FID UST

S101588498
N/A

Relative:
Lower

SWEEPS UST:

Actual:
39 ft.

Status: Active
Comp Number: 16020
Number: 9
Board Of Equalization: Not reported
Referral Date: 02-07-92
Action Date: 02-07-92
Created Date: 12-31-88
Owner Tank Id: 1
SWRCB Tank Id: 21-028-016020-000001
Tank Status: A
Capacity: 6000
Active Date: 02-07-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 5

Status: Active
Comp Number: 16020
Number: 9
Board Of Equalization: Not reported
Referral Date: 02-07-92
Action Date: 02-07-92
Created Date: 12-31-88
Owner Tank Id: 2
SWRCB Tank Id: 21-028-016020-000002
Tank Status: A
Capacity: 6000
Active Date: 02-07-92
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 16020
Number: 9
Board Of Equalization: Not reported
Referral Date: 02-07-92
Action Date: 02-07-92
Created Date: 12-31-88
Owner Tank Id: 3
SWRCB Tank Id: 21-028-016020-000003
Tank Status: A
Capacity: 6000
Active Date: 02-07-92
Tank Use: M.V. FUEL
STG: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARTS AUTO CARE (Continued)

S101588498

Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 16020
Number: 9
Board Of Equalization: Not reported
Referral Date: 02-07-92
Action Date: 02-07-92
Created Date: 12-31-88
Owner Tank Id: 4
SWRCB Tank Id: 21-028-016020-000004
Tank Status: A
Capacity: 6000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 16020
Number: 9
Board Of Equalization: Not reported
Referral Date: 02-07-92
Action Date: 02-07-92
Created Date: 12-31-88
Owner Tank Id: 5
SWRCB Tank Id: 21-028-016020-000005
Tank Status: A
Capacity: 550
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:

File Number: 000293E1
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000293E1.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ARTS AUTO CARE (Continued)

S101588498

Container Construction Thickness: Not reported
 Leak Detection: Not reported

Tank Num: Not reported
 Container Num: Not reported
 Year Installed: Not reported
 Tank Capacity: Not reported
 Tank Used for: Not reported
 Type of Fuel: Not reported
 Container Construction Thickness: Not reported
 Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

CA FID UST:

Facility ID: 21001170
 Regulated By: UTNKA
 Regulated ID: 00016020
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 4154796400
 Mail To: Not reported
 Mailing Address: 1005 NORTHGATE DR
 Mailing Address 2: Not reported
 Mailing City,St,Zip: SAN RAFAEL 94903
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

77
NNW
1/8-1/4
0.204 mi.
1076 ft.

NORTHGATE CLEANERS
270 NORTHGATE ONE
SAN RAFAEL, CA 94903

RCRA-SQG 1000409458
FINDS CAD981650211
EMI
HAZNET
ECHO

Relative:
Lower

RCRA-SQG:

Date form received by agency: 09/01/1996
 Facility name: NORTHGATE CLEANERS
 Facility address: 270 NORTHGATE
 SAN RAFAEL, CA 94903
 EPA ID: CAD981650211
 Contact: Not reported
 Contact address: Not reported
 Contact country: US
 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

Actual:
22 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE CLEANERS (Continued)

1000409458

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: TURNAGE KEN
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
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: 01/07/1987
Site name: NORTHGATE CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110001168548

Environmental Interest/Information System
HAZARDOUS AIR POLLUTANT MAJOR

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE CLEANERS (Continued)

1000409458

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.

EMI:

Year: 1990
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1995
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1996
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE CLEANERS (Continued)

1000409458

Year: 1997
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1998
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE CLEANERS (Continued)

1000409458

Air District Name: BAY AREA 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: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2002
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2003
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE CLEANERS (Continued)

1000409458

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2004
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.13
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2005
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2006
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE CLEANERS (Continued)

1000409458

County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2009
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.13
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2010
County Code: 21
Air Basin: SF
Facility ID: 5114
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.13
Reactive Organic Gases Tons/Yr: 9.0817999999999996E-2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

HAZNET:

envid: 1000409458
Year: 2000
GEPaid: CAD981650211
Contact: YONG-KI YI
Telephone: --
Mailing Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE CLEANERS (Continued)

1000409458

Mailing Address: 270 NORTHGATE
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Not reported
Tons: 0.1
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Not reported
Facility County: Marin

envid: 1000409458
Year: 2000
GEPaid: CAD981650211
Contact: YONG-KI YI
Telephone: --
Mailing Name: Not reported
Mailing Address: 270 NORTHGATE
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: 0.08
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Recycler
Facility County: Marin

envid: 1000409458
Year: 1999
GEPaid: CAD981650211
Contact: YONG-KI YI
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 270 NORTHGATE
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Recycler
Tons: .0000
Cat Decode: Not reported
Method Decode: Recycler
Facility County: Marin

envid: 1000409458
Year: 1999
GEPaid: CAD981650211
Contact: YONG-KI YI
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 270 NORTHGATE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHGATE CLEANERS (Continued)

1000409458

Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: .4503
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Recycler
Facility County: Marin

envid: 1000409458
Year: 1998
GEPaid: CAD981650211
Contact: YONG-KI YI
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 270 NORTHGATE
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: .0792
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Recycler
Facility County: Marin

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

ECHO:
Envid: 1000409458
Registry ID: 110001168548
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110001168548

K78
NNE
1/8-1/4
0.248 mi.
1308 ft.

MARIN DIRT BUSTERS
4140 REDWOOD HWY
SAN RAFAEL, CA 94903

Site 1 of 2 in cluster K

RCRA-SQG 1000255202
FINDS CAD981967896
HAZNET
ECHO

Relative:
Lower

RCRA-SQG:
Date form received by agency:09/01/1996
Facility name: MARIN DIRT BUSTERS
Facility address: 4140 REDWOOD HWY
SAN RAFAEL, CA 94903
EPA ID: CAD981967896
Mailing address: REDWOOD HWY
SAN RAFAEL, CA 94903
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US

Actual:
25 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARIN DIRT BUSTERS (Continued)

1000255202

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

Violation Status: No violations found

FINDS:

Registry ID: 110002759033

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARIN DIRT BUSTERS (Continued)

1000255202

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.

HAZNET:

envid: 1000255202
Year: 2000
GEPaid: CAD981967896
Contact: NONDELIV. 11/94 SURVEY - P.H.
Telephone: --
Mailing Name: Not reported
Mailing Address: 4140 REDWOOD HWY
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Recycler
Tons: 0
Cat Decode: Not reported
Method Decode: Recycler
Facility County: Marin

envid: 1000255202
Year: 2000
GEPaid: CAD981967896
Contact: NONDELIV. 11/94 SURVEY - P.H.
Telephone: --
Mailing Name: Not reported
Mailing Address: 4140 REDWOOD HWY
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: 0.16
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Recycler
Facility County: Marin

envid: 1000255202
Year: 1999
GEPaid: CAD981967896
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 4140 REDWOOD HWY
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARIN DIRT BUSTERS (Continued)

1000255202

Disposal Method: Recycler
Tons: .3126
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Recycler
Facility County: Marin

envid: 1000255202
Year: 1999
GEPaid: CAD981967896
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 4140 REDWOOD HWY
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Recycler
Tons: .0000
Cat Decode: Not reported
Method Decode: Recycler
Facility County: Marin

envid: 1000255202
Year: 1998
GEPaid: CAD981967896
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 4140 REDWOOD HWY
Mailing City,St,Zip: SAN RAFAEL, CA 949030000
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: .5128
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Recycler
Facility County: Marin

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

ECHO:

Envid: 1000255202
Registry ID: 110002759033
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002759033

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

K79
NNE
1/4-1/2
0.287 mi.
1513 ft.

PACIFIC BELL
7 PROFESSIONAL CENTER PARKWAY
SAN RAFAEL, CA 94903
Site 2 of 2 in cluster K

RCRA-SQG 1000250851
LUST CAT080015761
SWEEPS UST
CA FID UST
FINDS
HIST CORTESE
ECHO

Relative:
Lower

Actual:
34 ft.

RCRA-SQG:

Date form received by agency: 09/01/1996
 Facility name: PACIFIC BELL
 Facility address: 7 PROFESSIONAL CENTER PARKWAY
 SAN RAFAEL, CA 94903
 EPA ID: CAT080015761
 Mailing address: 220 MONTGOMERY STREET RM 1051
 SAN FRANCISCO, CA 94104
 Contact: Not reported
 Contact address: Not reported
 Not reported
 Contact country: US
 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: THE PACIFIC TEL & TEL COMPANY
 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
 Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250851

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: 01/09/1981
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

LUST:

Region: STATE
Global Id: T0604100162
Latitude: 38.010062
Longitude: -122.54085
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/20/2007
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: REL
Local Agency: Not reported
RB Case Number: 21-0171
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Kerosene
Site History: Not reported

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

Contact:

Global Id: T0604100162
Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST. SUITE 1500
City: OAKLAND
Email: ralambert@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0604100162
Contact Type: Local Agency Caseworker
Contact Name: BRADLEY R. MARK
Organization Name: SAN RAFAEL, CITY OF
Address: 1039 C STREET
City: SAN RAFAEL
Email: brad.mark@ci.san-rafael.ca.us
Phone Number: Not reported

Status History:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250851

Global Id: T0604100162
Status: Completed - Case Closed
Status Date: 02/20/2007

Global Id: T0604100162
Status: Open - Case Begin Date
Status Date: 09/28/1990

Global Id: T0604100162
Status: Open - Site Assessment
Status Date: 11/05/1992

Regulatory Activities:

Global Id: T0604100162
Action Type: RESPONSE
Date: 10/08/1990
Action: Other Report / Document

Global Id: T0604100162
Action Type: RESPONSE
Date: 10/16/1990
Action: Correspondence

Global Id: T0604100162
Action Type: RESPONSE
Date: 09/30/1991
Action: Other Report / Document

Global Id: T0604100162
Action Type: RESPONSE
Date: 01/22/1990
Action: Other Report / Document

Global Id: T0604100162
Action Type: RESPONSE
Date: 12/08/1995
Action: Other Workplan

Global Id: T0604100162
Action Type: RESPONSE
Date: 11/02/1989
Action: Other Report / Document

Global Id: T0604100162
Action Type: RESPONSE
Date: 06/29/1990
Action: Correspondence

Global Id: T0604100162
Action Type: RESPONSE
Date: 04/17/1996
Action: Correspondence

Global Id: T0604100162
Action Type: RESPONSE
Date: 09/10/1991
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250851

Global Id:	T0604100162
Action Type:	RESPONSE
Date:	10/01/1992
Action:	Monitoring Report - Quarterly
Global Id:	T0604100162
Action Type:	RESPONSE
Date:	07/18/2006
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0604100162
Action Type:	RESPONSE
Date:	09/10/1991
Action:	Correspondence
Global Id:	T0604100162
Action Type:	RESPONSE
Date:	07/14/2005
Action:	Correspondence
Global Id:	T0604100162
Action Type:	RESPONSE
Date:	01/31/1991
Action:	Other Workplan
Global Id:	T0604100162
Action Type:	RESPONSE
Date:	01/01/1951
Action:	Other Report / Document
Global Id:	T0604100162
Action Type:	RESPONSE
Date:	01/01/1993
Action:	Monitoring Report - Quarterly
Global Id:	T0604100162
Action Type:	RESPONSE
Date:	06/01/1992
Action:	Monitoring Report - Quarterly
Global Id:	T0604100162
Action Type:	RESPONSE
Date:	06/01/1993
Action:	Other Report / Document
Global Id:	T0604100162
Action Type:	RESPONSE
Date:	10/07/1991
Action:	Correspondence
Global Id:	T0604100162
Action Type:	RESPONSE
Date:	04/01/1993
Action:	Monitoring Report - Quarterly
Global Id:	T0604100162
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250851

Date: 04/17/1996
Action: Correspondence

Global Id: T0604100162
Action Type: RESPONSE
Date: 04/27/1993
Action: Monitoring Report - Quarterly

Global Id: T0604100162
Action Type: RESPONSE
Date: 11/05/1992
Action: Monitoring Report - Quarterly

Global Id: T0604100162
Action Type: RESPONSE
Date: 10/11/1991
Action: Correspondence

Global Id: T0604100162
Action Type: RESPONSE
Date: 12/03/1992
Action: Other Report / Document

Global Id: T0604100162
Action Type: RESPONSE
Date: 06/01/1993
Action: Other Report / Document

Global Id: T0604100162
Action Type: Other
Date: 10/22/1990
Action: Leak Stopped

Global Id: T0604100162
Action Type: RESPONSE
Date: 07/18/2006
Action: Tank Removal Report / UST Sampling Report

Global Id: T0604100162
Action Type: RESPONSE
Date: 07/03/1991
Action: Site Assessment Report

Global Id: T0604100162
Action Type: RESPONSE
Date: 10/22/1990
Action: Well Installation Workplan

Global Id: T0604100162
Action Type: ENFORCEMENT
Date: 04/11/1996
Action: Staff Letter

Global Id: T0604100162
Action Type: RESPONSE
Date: 03/03/1993
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250851

Global Id: T0604100162
Action Type: RESPONSE
Date: 02/21/2007
Action: Request for Closure

Global Id: T0604100162
Action Type: RESPONSE
Date: 06/15/2007
Action: Well Destruction Report

Global Id: T0604100162
Action Type: ENFORCEMENT
Date: 07/27/2006
Action: 13267 Requirement

Global Id: T0604100162
Action Type: ENFORCEMENT
Date: 02/20/2007
Action: Closure/No Further Action Letter

Global Id: T0604100162
Action Type: ENFORCEMENT
Date: 06/23/2010
Action: Referral to Other State Agency

Global Id: T0604100162
Action Type: Other
Date: 09/28/1990
Action: Leak Discovery

Global Id: T0604100162
Action Type: Other
Date: 10/22/1990
Action: Leak Reported

Global Id: T0604100162
Action Type: ENFORCEMENT
Date: 02/20/2007
Action: Closure/No Further Action Letter

LUST REG 2:

Region: 2
Facility Id: 21-0171
Facility Status: Pollution Characterization
Case Number: 57
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 11/5/1992
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250851

SWEEPS UST:

Status: Active
Comp Number: 57735
Number: 9
Board Of Equalization: Not reported
Referral Date: 03-06-91
Action Date: 03-06-91
Created Date: 12-31-88
Owner Tank Id: 1
SWRCB Tank Id: 21-028-057735-000001
Tank Status: A
Capacity: 6000
Active Date: 09-27-91
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

CA FID UST:

Facility ID: 21001560
Regulated By: UTNKA
Regulated ID: 00057735
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155426758
Mail To: Not reported
Mailing Address: 370 003RD ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:

Registry ID: 110002947438

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.

STATE MASTER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250851

HIST CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0171

ECHO:

Envid: 1000250851
Registry ID: 110002947438
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002947438

80
SSW
1/4-1/2
0.349 mi.
1845 ft.

**CA AUTISM FOUND. - A BETTER CHANCE
371 DEVON DRIVE
SAN RAFAEL, CA 94903**

**ENVIROSTOR S118756628
N/A**

**Relative:
Higher**

ENVIROSTOR:

Facility ID: 21830001
Status: No Action Required
Status Date: 06/16/1995
Site Code: 200620
Site Type: Calmortgage
Site Type Detailed: Calmortgage
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Sandra Karinen
Supervisor: William Beckman
Division Branch: Cleanup Sacramento
Assembly: 10
Senate: 02
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: CalMortgage
Latitude: 37.99703
Longitude: -122.5491
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: 200620
Alias Type: Project Code (Site Code)
Alias Name: 21830001
Alias Type: Envirostor ID Number

**Actual:
82 ft.**

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/16/1995
Comments: Pursuant to the MOU, DTSC has prepared a Phase I Environmental Assessment for the California Autism Foundation, A Better Chance facility. The property is an existing adult group home. A Phase I

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CA AUTISM FOUND.- A BETTER CHANCE (Continued)

S118756628

Report was prepared by DTSC and concluded that no action was needed for this property; there is no contamination on the property.

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

L81
West
1/4-1/2
0.415 mi.
2189 ft.

KAISER MEDICAL CENTER
99 MONTECILLO
SAN RAFAEL, CA 94903

Site 1 of 2 in cluster L

LUST
HIST CORTESE
NPDES

S102432102
N/A

Relative:
Higher

LUST:

Actual:
72 ft.

Region: STATE
Global Id: T0604100190
Latitude: 38.005851
Longitude: -122.554915
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/27/1999
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: JMJ
Local Agency: Not reported
RB Case Number: 21-0199
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

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

Contact:

Global Id: T0604100190
Contact Type: Regional Board Caseworker
Contact Name: JOHN JANG
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: jjang@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0604100190
Contact Type: Local Agency Caseworker
Contact Name: BRADLEY R. MARK
Organization Name: SAN RAFAEL, CITY OF
Address: 1039 C STREET
City: SAN RAFAEL
Email: brad.mark@ci.san-rafael.ca.us
Phone Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER MEDICAL CENTER (Continued)

S102432102

Status History:

Global Id: T0604100190
Status: Completed - Case Closed
Status Date: 08/27/1999

Global Id: T0604100190
Status: Open - Case Begin Date
Status Date: 06/17/1993

Global Id: T0604100190
Status: Open - Site Assessment
Status Date: 01/05/1995

Regulatory Activities:

Global Id: T0604100190
Action Type: Other
Date: 06/17/1993
Action: Leak Stopped

Global Id: T0604100190
Action Type: Other
Date: 06/17/1993
Action: Leak Discovery

Global Id: T0604100190
Action Type: Other
Date: 06/18/1993
Action: Leak Reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0199

NPDES:

Npdes Number: CAS000002
Facility Status: Terminated
Agency Id: 0
Region: 2
Regulatory Measure Id: 413288
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 2 21C361456
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 07/19/2011
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 08/30/2013
Discharge Name: Kaiser Foundation Hospitals
Discharge Address: 111 Smith Ranch Road
Discharge City: San Rafael
Discharge State: California

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER MEDICAL CENTER (Continued)

S102432102

Discharge Zip:	94903
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERCIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER MEDICAL CENTER (Continued)

S102432102

Npdes Number:	CAS000002
Facility Status:	Terminated
Agency Id:	0
Region:	2
Regulatory Measure Id:	431208
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	2 07C364992
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/09/2012
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	09/01/2015
Discharge Name:	Kaiser National Facilities Services
Discharge Address:	111 Smith Ranch Road
Discharge City:	San Rafael
Discharge State:	California
Discharge Zip:	94903
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER MEDICAL CENTER (Continued)

S102432102

CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	2
Regulatory Measure Id:	413288
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	2 21C361456
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	7/15/2011
PROCESSED DATE:	7/19/2011
STATUS CODE NAME:	Active
STATUS DATE:	7/19/2011
PLACE SIZE:	2.3
PLACE SIZE UNIT:	52
FACILITY CONTACT NAME:	David Reyes
FACILITY CONTACT TITLE:	Kaiser Staff Project Manager
FACILITY CONTACT PHONE:	415-491-3053
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	daivd.reyes@kp.org
OPERATOR NAME:	Kasier Foundation Hospitals
OPERATOR ADDRESS:	111 Smith Ranch Road
OPERATOR CITY:	San Rafael
OPERATOR STATE:	California
OPERATOR ZIP:	94903
OPERATOR CONTACT NAME:	David Reyes
OPERATOR CONTACT TITLE:	Kaiser Staff Project Manager
OPERATOR CONTACT PHONE:	415-491-3053

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER MEDICAL CENTER (Continued)

S102432102

OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: david.reyes@kp.org
OPERATOR TYPE: Private Business
DEVELOPER NAME: Overaa Construction
DEVELOPER ADDRESS: 200 Parr Boulevard
DEVELOPER CITY: Richmond
DEVELOPER STATE: California
DEVELOPER ZIP: 94801
DEVELOPER CONTACT NAME: Zac Lucas
DEVELOPER CONTACT TITLE: Project Engineer
CONSTYPE LINEAR UTILITY IND: N
EMERGENCY PHONE NO: Not reported
EMERGENCY PHONE EXT: Not reported
CONSTYPE ABOVE GROUND IND: Not reported
CONSTYPE BELOW GROUND IND: Not reported
CONSTYPE CABLE LINE IND: Not reported
CONSTYPE COMM LINE IND: Not reported
CONSTYPE COMMERTIAL IND: Not reported
CONSTYPE ELECTRICAL LINE IND: Not reported
CONSTYPE GAS LINE IND: Not reported
CONSTYPE INDUSTRIAL IND: Not reported
CONSTYPE OTHER DESRIPTION: Not reported
CONSTYPE OTHER IND: Not reported
CONSTYPE RECONS IND: Y
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Reconstruction of Parking Structure
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: North Fork Gallinas Creek
CERTIFIER NAME: David Reyes
CERTIFIER TITLE: Not reported
CERTIFICATION DATE: 15-JUL-11
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

L82
West
1/4-1/2
0.415 mi.
2189 ft.

KAISER PERMANENTE MEDICAL CENTER
99 MONTECILLO ROAD
SAN RAFAEL, CA 94903

Site 2 of 2 in cluster L

Relative:
Higher

Actual:
72 ft.

RCRA-LQG:
Date form received by agency: 02/28/2008
Facility name: KAISER PERMANENTE MEDICAL CENTER
Facility address: 99 MONTECILLO ROAD
SAN RAFAEL, CA 94903
EPA ID: CAD981427495
Contact: SHARON FOLEY
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (415) 444-2021

RCRA-LQG **1000380355**
LUST **CAD981427495**
UST
SWEEPS UST
HIST UST
CA FID UST
FINDS
ECHO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Contact email: SHARON.FOLEY@KP.ORG
EPA Region: 09
Land type: Private
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: KAISER PERMANENTE
Owner/operator address: 1950 FRANKLIN STREET
OAKLAND, CA 94612

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/12/1979
Owner/Op end date: Not reported

Owner/operator name: SHARON FOLEY
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/15/2004
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

. Waste code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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.

Historical Generators:

Date form received by agency: 02/28/2006
Site name: KAISER PERMANENTE SAN RAFAEL
Classification: Large Quantity Generator

- . Waste code: 134
- . Waste name: 134
- . Waste code: 141
- . Waste name: 141
- . Waste code: 181
- . Waste name: 181
- . Waste code: 213
- . Waste name: 213
- . Waste code: 261
- . Waste name: 261
- . Waste code: 343
- . Waste name: 343
- . Waste code: 352
- . Waste name: 352
- . Waste code: 512
- . Waste name: 512
- . Waste code: 541
- . Waste name: 541
- . Waste code: 551
- . Waste name: 551
- . Waste code: D001
- . Waste name: IGNITABLE WASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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.

- Date form received by agency: 03/30/2004
- Site name: KAISER PERMANENTE MEDICAL CENTER
- Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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: U122
- . Waste name: FORMALDEHYDE

- . Waste code: U188
- . Waste name: PHENOL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Date form received by agency: 02/25/2002

Site name: KAISER PERMANENTE MEDICAL CENTER

Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D006

. Waste name: CADMIUM

. Waste code: D008

. Waste name: LEAD

. Waste code: D009

. Waste name: MERCURY

. Waste code: D011

. Waste name: SILVER

. Waste code: D035

. Waste name: METHYL ETHYL KETONE

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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: U010

. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET OXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

. Waste code: U035

. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U058

. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059

. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL]OXY]-,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U150

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

- . Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
- . Waste code: U206
- . Waste name: D-GLUCOSE, 2-DEOXY-2-[[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN
- . Waste code: U237
- . Waste name: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

Date form received by agency: 10/12/2000
Site name: KAISER PERMANENTE MED CENTER
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: KAISER PERMANENTE
Classification: Large Quantity Generator

Date form received by agency: 03/28/1996
Site name: KAISER PERMANENTE MEDICAL CENTER
Classification: Large Quantity Generator

Date form received by agency: 02/14/1996
Site name: KAISER PERMANENTE
Classification: Large Quantity Generator

Date form received by agency: 04/29/1994
Site name: KAISER PERMANENTE
Classification: Large Quantity Generator

Date form received by agency: 04/06/1992
Site name: KAISER PERMANENTE
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/12/2003
Date achieved compliance: 12/12/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/12/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/12/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/12/2003
Evaluation lead agency: State Contractor/Grantee

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Evaluation date: 06/27/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/02/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

LUST REG 2:

Region: 2
Facility Id: 21-0199
Facility Status: Case Closed
Case Number: 82
How Discovered: Subsurface Monitoring
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 1/5/1995
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

UST:

Facility ID: 300181
Permitting Agency: SAN RAFAEL, CITY OF
Latitude: 38.005314
Longitude: -122.553939

MARIN CO. UST:

Facility Id: 30-0181

Tank Number: 000001
Tank Status: Change of Information
Tank Contents: Diesel
Tank Use: Other generator fuel
Certificate Number: 05376
Last Inspected: 12/12/2008
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000002
Tank Status: Change of Information
Tank Contents: Diesel
Tank Use: Other generator fuel
Certificate Number: 05376
Last Inspected: 12/12/2008
Program: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000003
Tank Status: UST Removal
Tank Contents: Not reported
Tank Use: Motor vehicle fueling
Certificate Number: 05376
Last Inspected: 12/12/2008
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000004
Tank Status: UST Removal
Tank Contents: Not reported
Tank Use: Hazardous waste (includes used oil)
Certificate Number: 05376
Last Inspected: 12/12/2008
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

Tank Number: 000005
Tank Status: Change of Information
Tank Contents: Diesel
Tank Use: Emergency generator fuel
Certificate Number: 05376
Last Inspected: 12/12/2008
Program: Not reported
Location: Not reported
Pulled Date: Not reported
Reason: Not reported

SWEEPS UST:

Status: Active
Comp Number: 10182
Number: 1
Board Of Equalization: Not reported
Referral Date: 06-20-91
Action Date: 06-20-91
Created Date: 12-31-88
Owner Tank Id: B-1
SWRCB Tank Id: 21-028-010182-000001
Tank Status: A
Capacity: 1500
Active Date: 06-20-91
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Status: Active
Comp Number: 10182
Number: 1
Board Of Equalization: Not reported
Referral Date: 06-20-91
Action Date: 06-20-91
Created Date: 12-31-88
Owner Tank Id: B-1
SWRCB Tank Id: 21-028-010182-000002
Tank Status: A
Capacity: 7637
Active Date: 06-20-91
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 10182
Number: 1
Board Of Equalization: Not reported
Referral Date: 06-20-91
Action Date: 06-20-91
Created Date: 12-31-88
Owner Tank Id: B-2
SWRCB Tank Id: 21-028-010182-000003
Tank Status: A
Capacity: 7637
Active Date: 06-20-91
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

HIST UST:

File Number: 0002927D
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002927D.pdf>
Region: STATE
Facility ID: 00000010182
Facility Type: Other
Other Type: MEDICAL CENTER
Contact Name: Not reported
Telephone: 4154992000
Owner Name: KAISER FOUNDATION HOSPITAL
Owner Address: 1924 BROADWAY
Owner City,St,Zip: OAKLAND, CA 94612
Total Tanks: 0003

Tank Num: 001
Container Num: B-1
Year Installed: 1975
Tank Capacity: 00007637
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

Tank Num: 002
Container Num: B-2
Year Installed: 1975
Tank Capacity: 00007637
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: E-1
Year Installed: 1975
Tank Capacity: 00007637
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

CA FID UST:

Facility ID: 21001773
Regulated By: UTNKA
Regulated ID: 00010182
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154992130
Mail To: Not reported
Mailing Address: 99 MONTICELLO RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN RAFAEL 94903
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:

Registry ID: 110000783929

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE MEDICAL CENTER (Continued)

1000380355

HAZARDOUS AIR POLLUTANT MAJOR
HAZARDOUS WASTE BIENNIAL REPORTER
STATE MASTER

ECHO:

Envid: 1000380355
Registry ID: 110000783929
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110000783929

83
NNE
1/4-1/2
0.489 mi.
2581 ft.

TESTA PLUMBING
4244 REDWOOD
SAN RAFAEL, CA 94903

LUST **S104162588**
HIST CORTESE **N/A**

Relative:
Lower

LUST:

Region: STATE
Global Id: T0604100294
Latitude: 38.012945
Longitude: -122.541148
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/18/1996
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: JMJ
Local Agency: Not reported
RB Case Number: 21-0312
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Actual:
22 ft.

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

Contact:

Global Id: T0604100294
Contact Type: Regional Board Caseworker
Contact Name: JOHN JANG
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: jjang@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0604100294
Contact Type: Local Agency Caseworker
Contact Name: BRADLEY R. MARK
Organization Name: SAN RAFAEL, CITY OF
Address: 1039 C STREET
City: SAN RAFAEL
Email: brad.mark@ci.san-rafael.ca.us
Phone Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TESTA PLUMBING (Continued)

S104162588

Status History:

Global Id: T0604100294
Status: Completed - Case Closed
Status Date: 10/18/1996

Global Id: T0604100294
Status: Open - Case Begin Date
Status Date: 09/26/1995

Regulatory Activities:

Global Id: T0604100294
Action Type: REMEDIATION
Date: 03/01/2002
Action: Not reported

Global Id: T0604100294
Action Type: Other
Date: 09/26/1995
Action: Leak Stopped

Global Id: T0604100294
Action Type: Other
Date: 09/26/1995
Action: Leak Discovery

Global Id: T0604100294
Action Type: Other
Date: 09/26/1995
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: 21-0312
Facility Status: Case Closed
Case Number: 21-0312
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0312

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

M84 **FAIRCHILD SEMICONDUCTOR CORP**
NNE **4300 REDWOOD HWY**
1/2-1 **SAN RAFAEL, CA 94903**
0.572 mi.
3022 ft. **Site 1 of 2 in cluster M**

ENVIROSTOR **S101481138**
SLIC **N/A**
HIST UST
DEED
Cortese
ENF
HIST CORTESE

Relative:
Lower

Actual:
24 ft.

ENVIROSTOR:
 Facility ID: 80001607
 Status: Refer: RWQCB
 Status Date: 05/10/2011
 Site Code: 600236
 Site Type: Corrective Action
 Site Type Detailed: Corrective Action
 Acres: 10
 NPL: NO
 Regulatory Agencies: RWQCB 2 - San Francisco Bay
 Lead Agency: RWQCB 2 - San Francisco Bay
 Program Manager: Not reported
 Supervisor: Denise Tsuji
 Division Branch: Cleanup Berkeley
 Assembly: 10
 Senate: 02
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 38.01407
 Longitude: -122.5407
 APN: 15551024
 Past Use: MANUFACTURING - ELECTRONIC
 Potential COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA
 Trichloroethylene (TCE Vinyl chloride Chloroform 1,1-Dichloroethylene
 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Xylenes
 Confirmed COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA
 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Xylenes
 Trichloroethylene (TCE Chloroform 1,1-Dichloroethylene Vinyl chloride
 Potential Description: **AQUI, CSS, SOIL**
 Alias Name: Diamond ShamRock Corp.
 Alias Type: Alternate Name
 Alias Name: 15551024
 Alias Type: APN
 Alias Name: CAD009144619
 Alias Type: EPA Identification Number
 Alias Name: 110000609333
 Alias Type: EPA (FRS #)
 Alias Name: SL20232850
 Alias Type: GeoTracker Global ID
 Alias Name: 600236
 Alias Type: Project Code (Site Code)
 Alias Name: 80001607
 Alias Type: Envirostor ID Number

Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: RCRA Facility Assessment Report
 Completed Date: 04/23/1997
 Comments: RCRA Facility Assessment Completed 4/30/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/13/2001
Comments: Received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Action Completion Determination
Completed Date: 08/11/1988
Comments: Received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/12/2001
Comments: Send.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 04/16/2001
Comments: Received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/01/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/17/1984
Comments: Received.

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

Facility ID: 21360001
Status: Refer: RWQCB
Status Date: 11/09/1989
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: * Rural County Survey Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.01406
Longitude: -122.5407
APN: 15551024
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 15551024
Alias Type: APN
Alias Name: 21360001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/01/1987
Comments: FACILITY IDENTIFIED RWQCB FILE: 5/7/82 LETTER - GROUNDWATER
CONTAMINATION / WASTE PLUME ON SITE

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 12/15/1989
Comments: SITE SCREENING DONE ACTION STATUS RATIONALE: SITE IS PENDING RWQCB
ACTION RELATIVE TO THE WASTE PLUME IDENTIFIED ON 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

SLIC:

Region: STATE
Facility Status: Open - Verification Monitoring
Status Date: 03/01/2005
Global Id: SL20232850
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 38.0147441527282
Longitude: -122.539744377136
Case Type: Cleanup Program Site
Case Worker: JMJ
Local Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

RB Case Number: 21S0001
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil, Soil Vapor, Surface water
Potential Contaminants of Concern: Not reported
Site History: In 1960, Fairchild Semiconductor Corporation (Fairchild) constructed a semiconductor manufacturing facility at the Site. Fairchild occupied the property until 1988 when manufacturing operations at the Site were discontinued. In 1995, the facility was demolished and the Site remained unoccupied until 2004. In 2001, 4300 Redwood Road Venture, LLC (Redwood Venture) purchased the property. Redwood Venture began construction of new commercial buildings at the Site in 2003 and completed the redevelopment in 2005. The Site currently contains 16 commercial buildings for offices and warehouses. In 1982, Fairchild began soil and groundwater investigations at the Site and discovered that soil and groundwater at the Site were impacted by volatile organic compounds (VOCs). The primary VOCs found were trichloroethene, 1,2-dichloroethene, and vinyl chloride. In 1984, an underground slurry wall was constructed around the perimeter of the Site to contain the groundwater. Approximately 1,500 cubic yards of soil were excavated from the Site. In 1985, a groundwater extraction and treatment system (GWETS) was installed. In 1989, two groundwater extraction trenches and a new treatment system consisting of six granular activated carbon (GAC) vessels were installed. The new GWETS was put into operation in 1989 and has been in operation since then. A final remedial action plan (FRAP) for the Site was submitted to the Water Board in 2000. The Water Board approved the FRAP and issued Final Site Cleanup Requirements Order 00-122 in November 2000. Implementation of the final cleanup plan commenced in 2001 and was completed in March 2005 when the redevelopment of the Site was completed. Additional remedial measures that were implemented included shallow soil excavation and removal to a landfill, installation of drainage layers, installation of vapor barriers beneath all buildings, institutional control of property use (including land use restriction), installation of a sub-slab depressurization system and soil venting pipelines. Groundwater and air quality at the Site are monitored regularly. Based on these monitoring data, the Site cleanup programs are performing as designed. Human health and nearby Gallinas Creek the Site are not at risk.

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

HIST UST:

File Number: 00029207
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029207.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

DEED:

Envirostor ID: SL20232850
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - VERIFICATION MONITORING
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 07/10/2001

CORTESE:

Region: CORTESE
Envirostor Id: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 2
WID Id: 2 215121N01
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

Region: CORTESE
Envirostor Id: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

Effective Date: Not reported
Region 2: 2
WID Id: 2 215121N01
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

ENF:

Region: 2
Facility Id: 225646
Agency Name: RMT Inc
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
Of Programs: 1
WDID: 2 21S0001
Reg Measure Id: 169414
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	238104
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	08/06/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	9/7/2001
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 21S0001
Description:	Time Extension for Payment
Program:	UST
Latest Milestone Completion Date:	9/7/2001
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	2
Facility Id:	225646
Agency Name:	RMT Inc
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	2 21S0001
Reg Measure Id:	169414
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	237068
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	06/05/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 21S0001
Description:	Not reported
Program:	UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	2
Facility Id:	224071
Agency Name:	Schlumberger Technology Corporation
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 215121N01
Reg Measure Id:	162047
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	225663
Region:	2
Order / Resolution Number:	R2-2000-0122
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	11/29/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 215121N01
Description:	Not reported
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	2
Facility Id:	224071
Agency Name:	Schlumberger Technology Corporation
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 215121N01
Reg Measure Id:	162047
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	222151
Region:	2
Order / Resolution Number:	97-115
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	09/17/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

Title:	Enforcement - 2 215121N01
Description:	CAO-
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	2
Facility Id:	224071
Agency Name:	Schlumberger Technology Corporation
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 215121N01
Reg Measure Id:	162047
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD SEMICONDUCTOR CORP (Continued)

S101481138

Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/21/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 219415
Region: 2
Order / Resolution Number: 84-075
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 10/17/1984
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 215121N01
Description: SCR-
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: WBC&D
Reg Id: 2 215121N01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M85
NNE
1/2-1
0.572 mi.
3022 ft.

FAIRCHILD CAMERA & INSTRUMENT
4300 REDWOOD HWY
SAN RAFAEL, CA 94903
Site 2 of 2 in cluster M

SEMS-ARCHIVE
CORRACTS
RCRA-TSDF
RCRA NonGen / NLR
FINDS
HWP
ECHO

1000354465
CAD009144619

Relative:
Lower

Actual:
24 ft.

SEMS-ARCHIVE:
Site ID: 903275
EPA ID: CAD009144619
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0903275
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13290366.00000
Person ID: 13003854.00000

Contact Sequence ID: 13295961.00000
Person ID: 13003858.00000

Contact Sequence ID: 13301819.00000
Person ID: 13004003.00000

Program Priority:
Description: RCRA Deferral - Lead Confirmed

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 06/01/90
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/23/96
Priority Level: Not reported

Action: DISCOVERY
Date Started: / /
Date Completed: 07/28/89
Priority Level: Not reported

CORRACTS:

EPA ID: CAD009144619
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900601
Action: CA029WQ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

NAICS Code(s): 334413
Semiconductor and Related Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009144619
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900601
Action: CA049PA
NAICS Code(s): 334413
Semiconductor and Related Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009144619
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900601
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 334413
Semiconductor and Related Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009144619
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900601
Action: CA074ME
NAICS Code(s): 334413
Semiconductor and Related Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009144619
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900430
Action: CA036WQ
NAICS Code(s): 334413
Semiconductor and Related Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 08/06/1992
Facility name: FAIRCHILD CAMERA & INSTRUMENT
Facility address: 4300 REDWOOD HWY
SAN RAFAEL, CA 94903
EPA ID: CAD009144619
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSD
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: FAIRCHILD, A SCHLUMBERGER CO
Owner/operator address: 4300 REDWOOD HWY
SAN RAFAEL, CA 94903
Owner/operator country: Not reported
Owner/operator telephone: (415) 479-8000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: FAIRCHILD, A SCHLUMBERGER CO
Owner/operator address: 4300 REDWOOD HWY
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 479-8000
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
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 07/25/1980
Site name: FAIRCHILD CAMERA & INSTRUMENT
Classification: Not a generator, verified

Corrective Action Summary:

Event date: 04/30/1990
Event: CA036WQ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

Event date: 06/01/1990
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 06/01/1990
Event: CA029WQ

Event date: 06/01/1990
Event: CA049PA

Event date: 06/01/1990
Event: CA074ME

Event date: 04/23/1997
Event: RFA Completed, Assessment was an RFA.

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 01/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/22/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 01/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/27/1988
Date achieved compliance: 06/14/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 02/27/1988
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: LDR - General
Date achieved compliance: 06/14/1989
Evaluation lead agency: State

Evaluation date: 02/02/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

Evaluation date: 01/27/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 06/14/1989
Evaluation lead agency: State

Evaluation date: 01/27/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/14/1989
Evaluation lead agency: State

FINDS:

Registry ID: 110000609333

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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.

HWP:

EPA Id: CAD009144619
Cleanup Status: CLOSED
Latitude: 38.01425
Longitude: -122.5410
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 10
Senate District: 02
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:

EPA Id: CAD009144619
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/19/1980

EPA Id: CAD009144619
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA & INSTRUMENT (Continued)

1000354465

Actual Date: 07/19/1983

EPA Id: CAD009144619
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 03/01/1983

EPA Id: CAD009144619
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 07/19/1988

EPA Id: CAD009144619
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 08/02/1982

EPA Id: CAD009144619
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 02/09/1983

EPA Id: CAD009144619
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 07/19/1983

Closure:
EPA Id: CAD009144619
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 08/03/1988

EPA Id: CAD009144619
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 02/14/1989

Alias:
EPA Id: CAD009144619
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110000609333

ECHO:
Envid: 1000354465
Registry ID: 110000609333
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110000609333

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

86
East
1/2-1
0.812 mi.
4286 ft.

MARINE CORPS RESERVE TRAINING CENTER
153 MADISON AVE.
SAN RAFAEL, CA 94903

ENVIROSTOR S100179433
LUST N/A
Notify 65

Relative:
Lower

ENVIROSTOR:

Actual:
34 ft.

Facility ID: 21920002
Status: Refer: Other Agency
Status Date: 06/23/1994
Site Code: 200331
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.00136
Longitude: -122.5276
APN: 17927014
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA NATIONAL GUARD
Alias Type: Alternate Name
Alias Name: CALIFORNIA NATIONAL GUARD
Alias Type: Alternate Name
Alias Name: NAVY RADIO TRAINING CENTER
Alias Type: Alternate Name
Alias Name: US MARINE TRAINING CENTER
Alias Type: Alternate Name
Alias Name: 17927014
Alias Type: APN
Alias Name: T0604100072
Alias Type: GeoTracker Global ID
Alias Name: 200331
Alias Type: Project Code (Site Code)
Alias Name: 21920002
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/10/1992
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS RESERVE TRAINING CENTER (Continued)

S100179433

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

LUST:

Region: STATE
Global Id: T0604100072
Latitude: 38.001334
Longitude: -122.527652
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/20/2009
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: REL
Local Agency: Not reported
RB Case Number: 21-0075
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

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

Contact:

Global Id: T0604100072
Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST. SUITE 1500
City: OAKLAND
Email: ralambert@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0604100072
Status: Completed - Case Closed
Status Date: 03/20/2009

Global Id: T0604100072
Status: Open - Case Begin Date
Status Date: 07/14/1989

Global Id: T0604100072
Status: Open - Site Assessment
Status Date: 01/03/1995

Regulatory Activities:

Global Id: T0604100072
Action Type: RESPONSE
Date: 02/28/1990
Action: Unauthorized Release Form

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS RESERVE TRAINING CENTER (Continued)

S100179433

Global Id: T0604100072
Action Type: RESPONSE
Date: 12/01/1990
Action: Tank Removal Report / UST Sampling Report

Global Id: T0604100072
Action Type: RESPONSE
Date: 05/20/1991
Action: Tank Removal Workplan

Global Id: T0604100072
Action Type: RESPONSE
Date: 02/13/1991
Action: Preliminary Site Assessment Report

Global Id: T0604100072
Action Type: RESPONSE
Date: 01/28/1991
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 03/18/1991
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 01/25/1990
Action: Unauthorized Release Form

Global Id: T0604100072
Action Type: RESPONSE
Date: 12/18/1991
Action: Soil and Water Investigation Report

Global Id: T0604100072
Action Type: REMEDIATION
Date: 01/09/1991
Action: Excavation

Global Id: T0604100072
Action Type: ENFORCEMENT
Date: 03/20/2009
Action: Closure/No Further Action Letter

Global Id: T0604100072
Action Type: RESPONSE
Date: 03/11/1991
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 11/15/1990
Action: Tank Removal Report / UST Sampling Report

Global Id: T0604100072
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS RESERVE TRAINING CENTER (Continued)

S100179433

Date: 01/10/1991
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 01/09/1991
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 01/21/1991
Action: Tank Removal Report / UST Sampling Report

Global Id: T0604100072
Action Type: RESPONSE
Date: 07/02/1990
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 12/01/1990
Action: Tank Removal Report / UST Sampling Report

Global Id: T0604100072
Action Type: RESPONSE
Date: 11/13/1990
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 06/03/1991
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 05/28/1991
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 11/13/1990
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 04/06/1990
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 01/02/1992
Action: Conceptual Site Model

Global Id: T0604100072
Action Type: RESPONSE
Date: 11/16/1990
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS RESERVE TRAINING CENTER (Continued)

S100179433

Global Id: T0604100072
Action Type: RESPONSE
Date: 12/19/1999
Action: Other Report / Document

Global Id: T0604100072
Action Type: RESPONSE
Date: 03/18/1991
Action: Other Report / Document

Global Id: T0604100072
Action Type: Other
Date: 01/09/1991
Action: Leak Stopped

Global Id: T0604100072
Action Type: ENFORCEMENT
Date: 03/26/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0604100072
Action Type: Other
Date: 07/14/1989
Action: Leak Discovery

Global Id: T0604100072
Action Type: Other
Date: 07/14/1989
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: 21-0075
Facility Status: Preliminary site assessment underway
Case Number: 59
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 1/3/1995
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

87
NNE
1/2-1
0.834 mi.
4406 ft.

RICH ELECTRIC
110 CARLOS
SAN RAFAEL, CA 92691

LUST
HIST UST
HIST CORTESE
Notify 65

U000058140
N/A

Relative:
Lower

LUST:

Actual:
17 ft.

Region: STATE
Global Id: T0604100172
Latitude: 38.0164537
Longitude: -122.5356127
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/03/1995
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: JMJ
Local Agency: Not reported
RB Case Number: 21-0181
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:

Global Id: T0604100172
Contact Type: Regional Board Caseworker
Contact Name: JOHN JANG
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: jjang@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0604100172
Contact Type: Local Agency Caseworker
Contact Name: BRADLEY R. MARK
Organization Name: SAN RAFAEL, CITY OF
Address: 1039 C STREET
City: SAN RAFAEL
Email: brad.mark@ci.san-rafael.ca.us
Phone Number: Not reported

Status History:

Global Id: T0604100172
Status: Completed - Case Closed
Status Date: 11/03/1995

Global Id: T0604100172
Status: Open - Case Begin Date
Status Date: 05/25/1989

Global Id: T0604100172
Status: Open - Site Assessment
Status Date: 04/09/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICH ELECTRIC (Continued)

U000058140

Regulatory Activities:

Global Id: T0604100172
Action Type: ENFORCEMENT
Date: 11/01/1995
Action: Closure/No Further Action Letter

Global Id: T0604100172
Action Type: Other
Date: 08/15/1989
Action: Leak Stopped

Global Id: T0604100172
Action Type: Other
Date: 08/15/1989
Action: Leak Discovery

Global Id: T0604100172
Action Type: Other
Date: 05/25/1989
Action: Leak Reported

LUST REG 2:

Region: 2
Facility Id: 21-0181
Facility Status: Case Closed
Case Number: 56
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 4/9/1993
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST UST:

File Number: 00029356
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029356.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICH ELECTRIC (Continued)

U000058140

Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

HIST CORTESE:

Region: CORTESE
Facility County Code: 21
Reg By: LTNKA
Reg Id: 21-0181

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

Count: 1 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
SAN RAFAEL	S113101873	MACY'S WEST INC NORTHGATE	1000 NORTHGATE SHOPPING CENTER	94903	HAZNET

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/27/2016	Source: EPA
Date Data Arrived at EDR: 06/30/2016	Telephone: 800-424-9346
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 11/18/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/31/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/31/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/01/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/01/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 08/15/2016
Date Data Arrived at EDR: 08/16/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 50

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/15/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: see region list
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/26/2016
	Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/26/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/11/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 11/21/2016
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/26/2016
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 08/01/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/02/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/05/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/20/2016
Date Data Arrived at EDR: 09/21/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 51

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/21/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 08/26/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 49

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/04/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/01/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 05/10/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 10/20/2016
Number of Days to Update: 23

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 09/06/2016	Source: DTSC and SWRCB
Date Data Arrived at EDR: 09/07/2016	Telephone: 916-323-3400
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 09/07/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/27/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 09/27/2016
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 06/03/2016	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/26/2016	Telephone: 916-845-8400
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 10/26/2016
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/26/2016
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/13/2016	Telephone: 866-480-1028
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 11/01/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/26/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 09/09/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/17/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 07/12/2016
Date Data Arrived at EDR: 08/17/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/23/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 11/18/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/07/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 10/14/2016
Number of Days to Update: 127	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/27/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/05/2016	Telephone: 202-564-5088
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Quarterly

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 11/07/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/09/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/28/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 10/03/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2016	Telephone: 202-343-9775
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 03/31/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/26/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/07/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 148

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/20/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 08/05/2016
Date Data Arrived at EDR: 09/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/01/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 65

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/07/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/27/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 37

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 09/23/2016
Date Made Active in Reports: 10/24/2016
Number of Days to Update: 31

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/23/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 42

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 11/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/10/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 51

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 10/14/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 58

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/11/2016
Date Data Arrived at EDR: 07/13/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/07/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2016
Date Data Arrived at EDR: 05/18/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/15/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/07/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/23/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 59

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/20/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Quarterly

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/07/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/21/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 23

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/10/2016
Number of Days to Update: 47

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List

Cupa Facility list

Date of Government Version: 11/01/2016
Date Data Arrived at EDR: 11/03/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 19

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/24/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

FRESNO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Resources List

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

Date of Government Version: 10/11/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 10/24/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 22

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 08/04/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 71

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

KINGS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/25/2016
Date Data Arrived at EDR: 05/27/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 26

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 09/08/2016
Date Data Arrived at EDR: 09/09/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 35

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

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

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/05/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 37

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 07/19/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 78

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/18/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation List

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

Date of Government Version: 03/29/2016	Source: Community Health Services
Date Data Arrived at EDR: 04/06/2016	Telephone: 323-890-7806
Date Made Active in Reports: 06/13/2016	Last EDR Contact: 10/17/2016
Number of Days to Update: 68	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 310-524-2236
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 10/17/2016
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 11/04/2015	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 11/13/2015	Telephone: 562-570-2563
Date Made Active in Reports: 12/17/2015	Last EDR Contact: 10/24/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/23/2016	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 07/12/2016	Telephone: 310-618-2973
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 10/07/2016
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/18/2016	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/22/2016	Telephone: 559-675-7823
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 11/16/2016
Number of Days to Update: 32	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 04/07/2016	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 04/26/2016	Telephone: 415-499-6647
Date Made Active in Reports: 06/01/2016	Last EDR Contact: 09/29/2016
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 32

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 08/29/2016
Date Data Arrived at EDR: 08/31/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 44

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016
Date Data Arrived at EDR: 06/27/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 43

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

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

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/25/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 51

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 53

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/09/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/13/2016
Date Data Arrived at EDR: 07/18/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 81

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/13/2016	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/18/2016	Telephone: 951-358-5055
Date Made Active in Reports: 08/08/2016	Last EDR Contact: 09/19/2016
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/02/2017
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

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

Date of Government Version: 08/22/2016	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/04/2016	Telephone: 916-875-8406
Date Made Active in Reports: 11/18/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

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

Date of Government Version: 05/02/2016	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 07/06/2016	Telephone: 916-875-8406
Date Made Active in Reports: 08/18/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 09/06/2016	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 09/07/2016	Telephone: 909-387-3041
Date Made Active in Reports: 10/19/2016	Last EDR Contact: 11/07/2016
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 09/23/2013	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 09/24/2013	Telephone: 619-338-2268
Date Made Active in Reports: 10/17/2013	Last EDR Contact: 06/02/2016
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/19/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Environmental Case Listing

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

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

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

Date of Government Version: 09/21/2016
Date Data Arrived at EDR: 09/22/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 26

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/18/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

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

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 43

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

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

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

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

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 60

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/17/2016
Date Data Arrived at EDR: 08/22/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 33

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/15/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 29

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 19

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/27/2016
Date Data Arrived at EDR: 09/28/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 55

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

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

Date of Government Version: 07/01/2016
Date Data Arrived at EDR: 07/05/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 44

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 16

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 08/12/2016
Date Data Arrived at EDR: 08/16/2016
Date Made Active in Reports: 10/04/2016
Number of Days to Update: 49

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 06/28/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/14/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/28/2016	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 08/01/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/07/2016	Last EDR Contact: 10/24/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

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

Date of Government Version: 08/29/2016	Source: Environmental Health Division
Date Data Arrived at EDR: 09/14/2016	Telephone: 805-654-2813
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 09/14/2016
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2016
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2016	Source: Yolo County Department of Health
Date Data Arrived at EDR: 08/24/2016	Telephone: 530-666-8646
Date Made Active in Reports: 10/11/2016	Last EDR Contact: 11/14/2016
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/03/2016	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 08/05/2016	Telephone: 530-749-7523
Date Made Active in Reports: 10/05/2016	Last EDR Contact: 10/31/2016
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

OTHER DATABASE(S)

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/03/2016
Date Made Active in Reports: 09/09/2016
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NORTHGATE MALL
5800 NORTHGATE DR
SAN RAFAEL, CA 94903

TARGET PROPERTY COORDINATES

Latitude (North):	38.003884 - 38° 0' 13.98"
Longitude (West):	122.544308 - 122° 32' 39.51"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	540007.6
UTM Y (Meters):	4206138.0
Elevation:	42 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5602156 NOVATO, CA
Version Date:	2012
South Map:	5640194 SAN RAFAEL, CA
Version Date:	2012

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

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

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

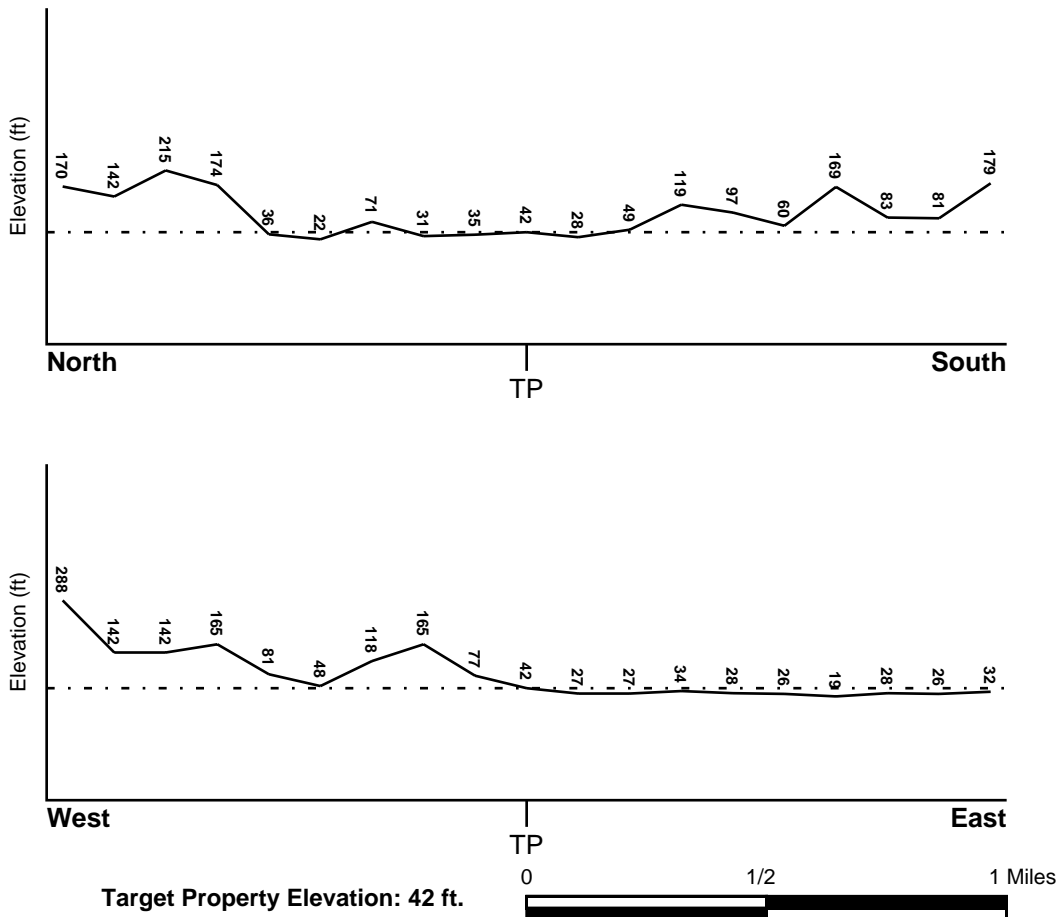
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06041C0293D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06041C0294D	FEMA FIRM Flood data
06041C0289D	FEMA FIRM Flood data
06041C0457D	FEMA FIRM Flood data
06041C0456E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> NOVATO	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
--	---

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	1/4 - 1/2 Mile North	SW
A2	1/4 - 1/2 Mile North	Varies
A3	1/4 - 1/2 Mile North	NW
5	1/4 - 1/2 Mile North	Not Reported
6	1/4 - 1/2 Mile WNW	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
7	1/2 - 1 Mile ESE	E
8	1/2 - 1 Mile NNE	W
9	1/2 - 1 Mile NNE	Not Reported
10	1/2 - 1 Mile NNE	NE
11	1/2 - 1 Mile ESE	W
B12	1/2 - 1 Mile NNE	NW
B13	1/2 - 1 Mile NNE	Not Reported

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

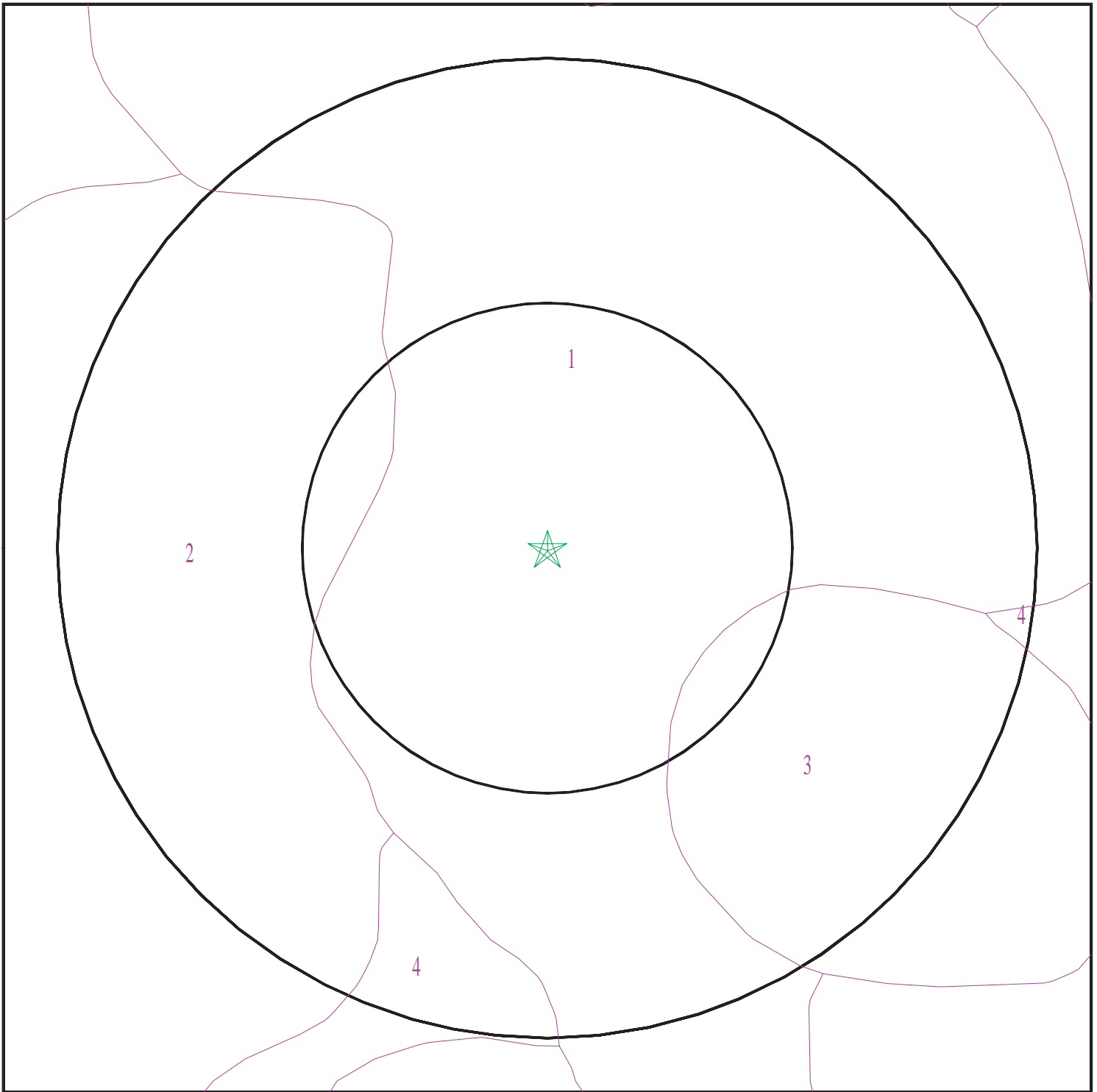
Era: Cenozoic
System: Tertiary
Series: Pliocene
Code: Tp (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 4789862.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: Northgate Mall
ADDRESS: 5800 NORTHGATE DR
SAN RAFAEL CA 94903
LAT/LONG: 38.003884 / 122.544308

CLIENT: Tor Environmental, Inc.
CONTACT: Mary Litzenberg
INQUIRY #: 4789862.2s
DATE: November 28, 2016 9:18 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: URBAN LAND

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: SAURIN

Soil Surface Texture: clay loam

Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
2	9 inches	33 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
3	33 inches	37 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: SAURIN

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	9 inches	33 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
3	33 inches	37 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: XERORTHENTS

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

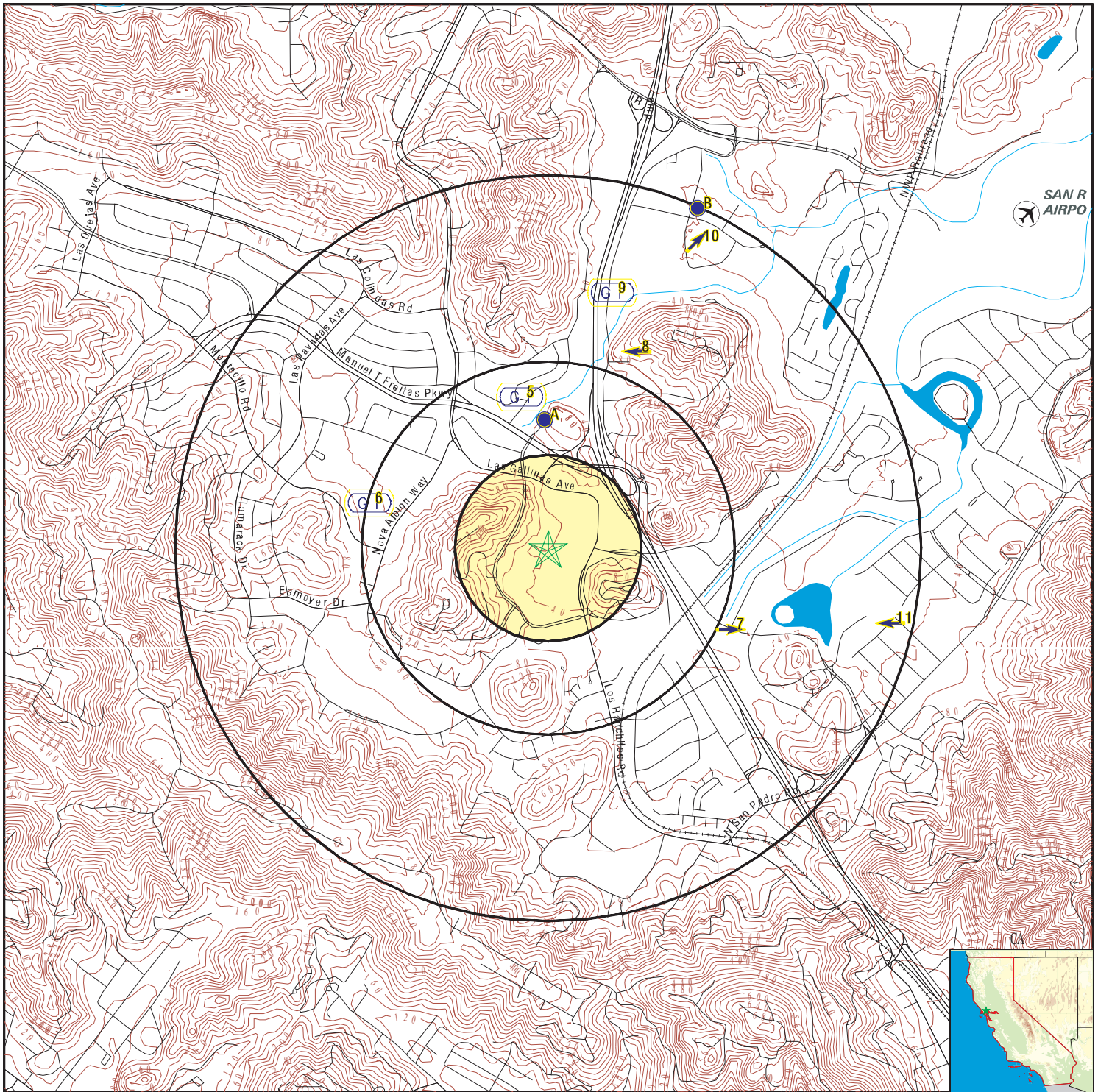
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

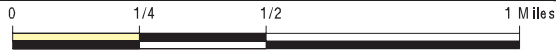
STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 4789862.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Northgate Mall
 ADDRESS: 5800 NORTHGATE DR
 SAN RAFAEL CA 94903
 LAT/LONG: 38.003884 / 122.544308

CLIENT: Tor Environmental, Inc.
 CONTACT: Mary Litzenberg
 INQUIRY #: 4789862.2s
 DATE: November 28, 2016 9:18 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A1 North 1/4 - 1/2 Mile Higher	Site ID:	Not Reported	AQUIFLOW	52886
	Groundwater Flow:	SW		
	Shallow Water Depth:	7.21		
	Deep Water Depth:	12.89		
	Average Water Depth:	Not Reported		
	Date:	02/20/1996		
A2 North 1/4 - 1/2 Mile Higher	Site ID:	Not Reported	AQUIFLOW	52885
	Groundwater Flow:	Varies		
	Shallow Water Depth:	0.16		
	Deep Water Depth:	15.10		
	Average Water Depth:	Not Reported		
	Date:	07/30/1999		
A3 North 1/4 - 1/2 Mile Higher	Site ID:	Not Reported	AQUIFLOW	52895
	Groundwater Flow:	NW		
	Shallow Water Depth:	4.5		
	Deep Water Depth:	14		
	Average Water Depth:	Not Reported		
	Date:	08/06/1998		
A4 North 1/4 - 1/2 Mile Higher	Site ID:	Not Reported	AQUIFLOW	52892
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	10.5		
	Deep Water Depth:	19		
	Average Water Depth:	Not Reported		
	Date:	04/16/1990		
5 North 1/4 - 1/2 Mile Lower	Site ID:	Not Reported	AQUIFLOW	50393
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	5.00		
	Deep Water Depth:	12.50		
	Average Water Depth:	Not Reported		
	Date:	04/28/1999		
6 WNW 1/4 - 1/2 Mile Higher	Site ID:	Not Reported	AQUIFLOW	52891
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	7		
	Date:	10/01/1993		
7 ESE 1/2 - 1 Mile Lower	Site ID:	21-0071	AQUIFLOW	39101
	Groundwater Flow:	E		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	8.20		
	Date:	12/19/1991		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
8					
NNE					
1/2 - 1 Mile					
Higher					
Site ID:		Not Reported		AQUIFLOW	52834
Groundwater Flow:		W			
Shallow Water Depth:		Not Reported			
Deep Water Depth:		Not Reported			
Average Water Depth:		5			
Date:		06/1991			
<hr/>					
9					
NNE					
1/2 - 1 Mile					
Lower					
Site ID:		Not Reported		AQUIFLOW	52872
Groundwater Flow:		Not Reported			
Shallow Water Depth:		6.5			
Deep Water Depth:		7.5			
Average Water Depth:		Not Reported			
Date:		04/15/1996			
<hr/>					
10					
NNE					
1/2 - 1 Mile					
Lower					
Site ID:		Not Reported		AQUIFLOW	50365
Groundwater Flow:		NE			
Shallow Water Depth:		6.92			
Deep Water Depth:		7.62			
Average Water Depth:		Not Reported			
Date:		11/21/1994			
<hr/>					
11					
ESE					
1/2 - 1 Mile					
Lower					
Site ID:		Not Reported		AQUIFLOW	50357
Groundwater Flow:		W			
Shallow Water Depth:		Not Reported			
Deep Water Depth:		Not Reported			
Average Water Depth:		13.5			
Date:		12/18/1991			
<hr/>					
B12					
NNE					
1/2 - 1 Mile					
Lower					
Site ID:		Not Reported		AQUIFLOW	52867
Groundwater Flow:		NW			
Shallow Water Depth:		4			
Deep Water Depth:		9			
Average Water Depth:		Not Reported			
Date:		04/29/1995			
<hr/>					
B13					
NNE					
1/2 - 1 Mile					
Lower					
Site ID:		Not Reported		AQUIFLOW	52951
Groundwater Flow:		Not Reported			
Shallow Water Depth:		7.31			
Deep Water Depth:		11.07			
Average Water Depth:		Not Reported			
Date:		01/05/1990			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94903	31	3

Federal EPA Radon Zone for MARIN County: 3

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

Federal Area Radon Information for Zip Code: 94903

Number of sites tested: 10

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.930 pCi/L	80%	20%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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Appendix B

EDR Historical Aerial Photo Decade Package



Northgate Mall

5800 NORTHGATE DR

SAN RAFAEL, CA 94903

Inquiry Number: 4789862.12

November 28, 2016

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Site Name:

Northgate Mall
 5800 NORTHGATE DR
 SAN RAFAEL, CA 94903
 EDR Inquiry # 4789862.12

Client Name:

Tor Environmental, Inc.
 2631 Canto Rompeolas
 San Clemente, CA 92673
 Contact: Mary Litzenberg



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1993	1"=500'	Acquisition Date: August 25, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: July 08, 1982	USDA
1974	1"=500'	Flight Date: June 24, 1974	USGS
1968	1"=500'	Flight Date: April 16, 1968	USGS
1963	1"=500'	Flight Date: June 03, 1963	USGS
1952	1"=500'	Flight Date: June 12, 1952	USGS
1946	1"=500'	Flight Date: July 22, 1946	USGS

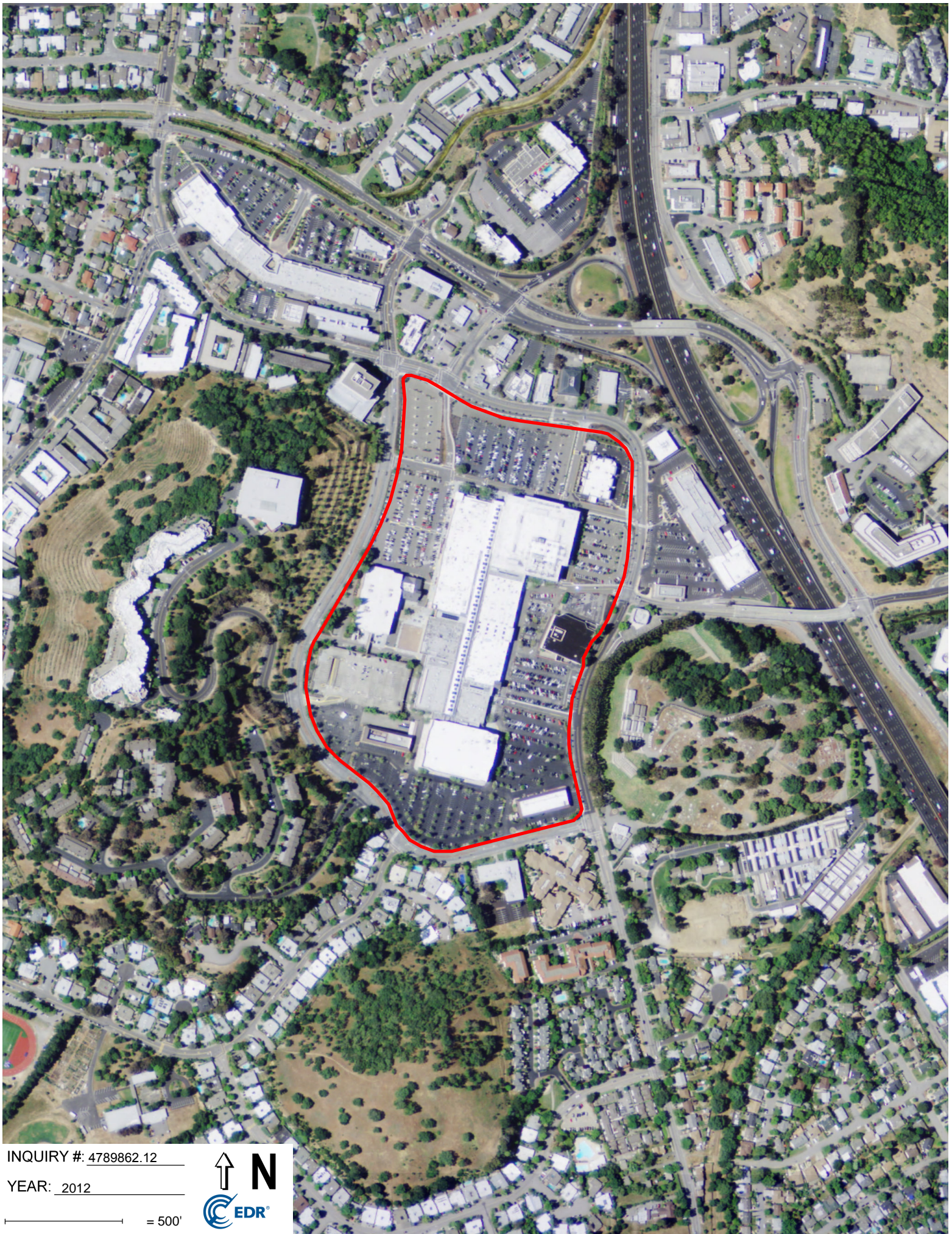
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INQUIRY #: 4789862.12

YEAR: 2012

— = 500'





INQUIRY #: 4789862.12

YEAR: 2010

— = 500'





INQUIRY #: 4789862.12

YEAR: 2009

— = 500'





INQUIRY #: 4789862.12

YEAR: 2006

— = 500'



Property Not Mapped



INQUIRY #: 4789862.12

YEAR: 2005

— = 500'





INQUIRY #: 4789862.12

YEAR: 1993

— = 500'





INQUIRY #: 4789862.12

YEAR: 1982

— = 500'





INQUIRY #: 4789862.12

YEAR: 1974

— = 500'





INQUIRY #: 4789862.12

YEAR: 1968

— = 500'

