



Matthew Rodriguez
Secretary for
Environmental Protection

Department of Toxic Substances Control

Barbara A. Lee , Director
1001 I Street
P.O. Box 806
Sacramento , CA 958120806



Edmund G. Brown Jr.
Governor

EPA ID PROFILE

<u>Map</u>			
ID Number:	CAL000050356	Status:	INACTIVE
Name:	MAJOR DIESEL	Inactive Date:	12/14/2004 12:00:00 AM
County:	SONOMA	Record Entered:	10/5/1994 12:00:00 AM
NAICS:	811111	Last Updated:	12/21/2004 4:41:26 PM

	Name	Address	City	State	Zip Code	Phone
Location	MAJOR DIESEL	325 YOLANDA AVE	SANTA ROSA	CA	954040000	
Mailing		PO BOX 1403	SEBASTOPOL	CA	954731403	
Owner	GARY W HOPPE	111 MORRIS ST	SEBASTOPOL	CA	954720000	7078299518
Operator/Contact	GARY W HOPPE- OWNER	111 MORRIS ST	SEBASTOPOL	CA	95472	7078299518

Based Only Upon ID Number: CAL000050356

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	N/A

**California and Non California Manifest Tonnage Total and Waste Code by Year
Matrix by Entity Type (if available) are on the next page**

Calif. Manifest Counts and Total Tonnage

Top line represents Manifest Count and Bottom line represents Total Tonnage

Year	Generator	Trans. 1	Trans. 2	TSDf	ALT. TSDf
2000	1 0.43780	0 0.00000	0 0.00000	0 0.00000	0 0.00000

Non California Manifest Total Tonnage
--

**No Records
Found**

Waste Code Matrix					
California	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF
RCRA	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF

[Waste Code Matrix as a spreadsheet](#)

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.

Report Generation Date: 07/23/2018

Results for California Waste Codes, as a Generator, for EPA-ID: CAL000050356

Calif. Waste Code	Description	2000
223	UNSPECIFIED OIL-CONTAINING WASTE	0.4378
	Grand Total	0.4378

No results for California Waste Codes, as a Transporter 1, for EPA-ID: CAL000050356

No results for California Waste Codes, as a Transporter 2, for EPA-ID: CAL000050356

No results for California Waste Codes, as a TSDf, for EPA-ID: CAL000050356

No results for California Waste Codes, as a Alternate TSDf, for EPA-ID: CAL000050356

Results for RCRA, as a Generator, for EPA-ID: CAL000050356

RCRA	Description	2000
	Blank/Unknown	0.4378
	Grand Total	0.4378

No results for RCRA, as a Transporter 1, for EPA-ID: CAL000050356

No results for RCRA, as a Transporter 2, for EPA-ID: CAL000050356

No results for RCRA, as a TSDf, for EPA-ID: CAL000050356

No results for RCRA, as a Alternate TSDf, for EPA-ID: CAL000050356



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EPA ID PROFILE

<u>Map</u>			
ID Number:	CAL000277184	Status:	INACTIVE
Name:	CHAIN ENTERPRISES	Inactive Date:	6/30/2012 12:00:00 AM
County:	SONOMA	Record Entered:	12/11/2003 3:17:19 PM
NAICS:	23332	Last Updated:	4/2/2013 5:41:35 PM

	Name	Address	City	State	Zip Code	Phone
Location	CHAIN ENTERPRISES	325 YOLANDA AVE	SANTA ROSA	CA	95404	
Mailing		19812 FRESHWATER DR	COTTONWOOD	CA	960220000	
Owner	STEVEN R CHAIN	19812 FRESHWATER DR	COTTONWOOD	CA	960220000	5303476122
Operator/Contact	STEVEN CHAIN	19812 FRESH WATER DR	COTTONWOOD	CA	960220000	7074311402

Based Only Upon ID Number: CAL000277184

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

Top line represents Manifest Count and Bottom line represents Total Tonnage

Year	Generator	Trans. 1	Trans. 2	TSDf	ALT. TSDf
2004	17 38.65360	17 38.65360	0 0.00000	0 0.00000	0 0.00000

Non California Manifest Total Tonnage
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**No Records
Found**

Waste Code Matrix					
California	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF
RCRA	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF

[Waste Code Matrix as a spreadsheet](#)

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Report Generation Date: 07/23/2018

Results for California Waste Codes, as a Generator, for EPA-ID: CAL000277184

Calif. Waste Code	Description	2004
221	WASTE OIL AND MIXED OIL	38.6536
	Grand Total	38.6536

Results for California Waste Codes, as a Transporter 1, for EPA-ID: CAL000277184

Calif. Waste Code	Description	2004
221	WASTE OIL AND MIXED OIL	38.6536
	Grand Total	38.6536

No results for California Waste Codes, as a Transporter 2, for EPA-ID: CAL000277184

No results for California Waste Codes, as a TSDF, for EPA-ID: CAL000277184

No results for California Waste Codes, as a Alternate TSDF, for EPA-ID: CAL000277184

Results for RCRA, as a Generator, for EPA-ID: CAL000277184

RCRA	Description	2004
	Blank/Unknown	38.6536
	Grand Total	38.6536

Results for RCRA, as a Transporter 1, for EPA-ID: CAL000277184

RCRA	Description	2004
	Blank/Unknown	38.6536
	Grand Total	38.6536

No results for RCRA, as a Transporter 2, for EPA-ID: CAL000277184

No results for RCRA, as a TSDF, for EPA-ID: CAL000277184

No results for RCRA, as a Alternate TSDF, for EPA-ID: CAL000277184



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EPA ID PROFILE

<u>Map</u>			
ID Number:	CAL000321721	Status:	INACTIVE
Name:	MATHESON FREIGHT INC	Inactive Date:	4/16/2009 12:00:00 AM
County:	SONOMA	Record Entered:	7/3/2007 12:51:15 PM
NAICS:	48423	Last Updated:	2/2/2010 10:04:23 AM

	Name	Address	City	State	Zip Code	Phone
Location	MATHESON FREIGHT INC	325 YOLANDA AVE	SANTA ROSA	CA	954046320	
Mailing		9785 GOETHE RD	SACRAMENTO	CA	958273559	
Owner	MATHESON FREIGHT INC	9785 GOETHE RD	SACRAMENTO	CA	958273559	7075730622
Operator/Contact	PAUL BIONDI-OPS MGR	9785 GOETHE RD	SACRAMENTO	CA	958273559	7075730622

Based Only Upon ID Number: CAL000321721

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

Top line represents Manifest Count and Bottom line represents Total Tonnage

Year	Generator	Trans. 1	Trans. 2	TSDf	ALT. TSDf
2007	3 1.78800	0 0.00000	0 0.00000	0 0.00000	0 0.00000
2008	1 0.14370	0 0.00000	0 0.00000	0 0.00000	0 0.00000

Non California Manifest Total Tonnage
--

**No Records
Found**

Waste Code Matrix					
California	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF
RCRA	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF

[Waste Code Matrix as a spreadsheet](#)

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.

Report Generation Date: 07/23/2018

Results for California Waste Codes, as a Generator, for EPA-ID: CAL000321721

Calif. Waste Code	Description	2007	2008
212	OXYGENATED SOLVENTS	0.76	0
221	WASTE OIL AND MIXED OIL	0.115	0
291	LATEX WASTE	0.458	0
331	OFF-SPEC, AGED, OR SURPLUS ORGANICS	0.455	0
343	UNSPECIFIED ORGANIC LIQUID MIXTURE	0	0.102
791	LIQUIDS W PH<=2	0	0.0417
	Grand Totals	1.788	0.1437

No results for California Waste Codes, as a Transporter 1, for EPA-ID: CAL000321721

No results for California Waste Codes, as a Transporter 2, for EPA-ID: CAL000321721

No results for California Waste Codes, as a TSDf, for EPA-ID: CAL000321721

No results for California Waste Codes, as a Alternate TSDf, for EPA-ID: CAL000321721

Results for RCRA, as a Generator, for EPA-ID: CAL000321721

RCRA	Description	2007	2008
	Blank/Unknown	0.573	0
D001	Ignitable	0.455	0.102
D002	Corrosives	0	0.0417
F005	Non-halogenated solvents	0.76	0
	Grand Totals	1.788	0.1437

No results for RCRA, as a Transporter 1, for EPA-ID: CAL000321721

No results for RCRA, as a Transporter 2, for EPA-ID: CAL000321721

No results for RCRA, as a TSDf, for EPA-ID: CAL000321721

No results for RCRA, as a Alternate TSDf, for EPA-ID: CAL000321721

7/10/2018 10:50:03 AM

County Assessor Information

Address: 2532 SANTA ROSA AVE
 SANTA ROSA, CA 95407

Land Use: USED CAR LOT

Tax Area: 004137

Jurisdiction: SANTA ROSA

Recording#: 1975R2021418

Rec Date: 01/01/1975

Lot Acres: 5.00

Land Value: \$202,780

Bldg Value: \$0

Bldg Sqft: 0

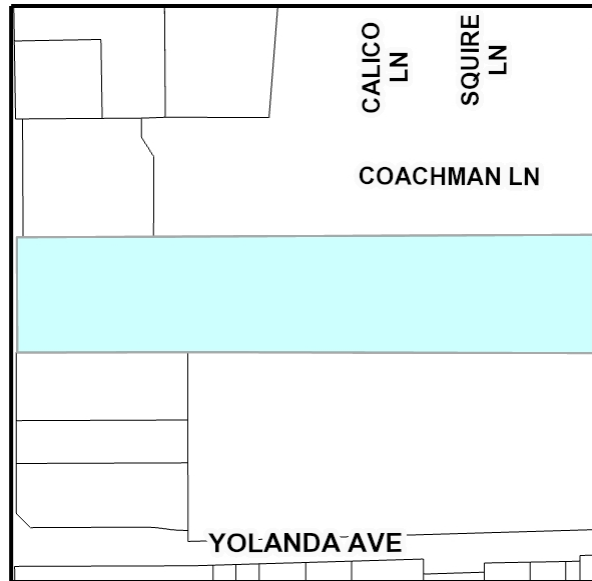
Built:

Res Units:

Bedrooms: 0

Bathrooms: 0

Com Units:



Santa Rosa Only Information

General Plan: Multiple - Please See General Plan Layer

Area Plan:

Zoning Code: CG

Identifier:

Planned Dev:

Historic Dist:

Fault km: 5

Wind Zone: Exposure C

Fire Zone:

Park Fee: Service Area No. 4 - Southeast

Fire District: 1

GIS Calculated Information

Lot Acres: 4.68

Latitude: 38.414424

Longitude: -122.711586

Census Tract: 151402

Census Block: 5000

Street Sweep: 3rd Monday

Elem School: MEADOWVIEW, KAWANA, TAYLOR MOUNTAIN & BELLEVUE

RELEAS

7/10/2018 11:02:29 AM

County Assessor Information

Address: 325 YOLANDA AVE
SANTA ROSA, CA 95404

Land Use: TRUCK TERMINAL

Tax Area: 004137

Jurisdiction: SANTA ROSA

Recording#: 2014R055194

Rec Date: 08/08/2014

Lot Acres: 5.46

Land Value: \$212,477

Bldg Value: \$149,040

Bldg Sqft: 17,360

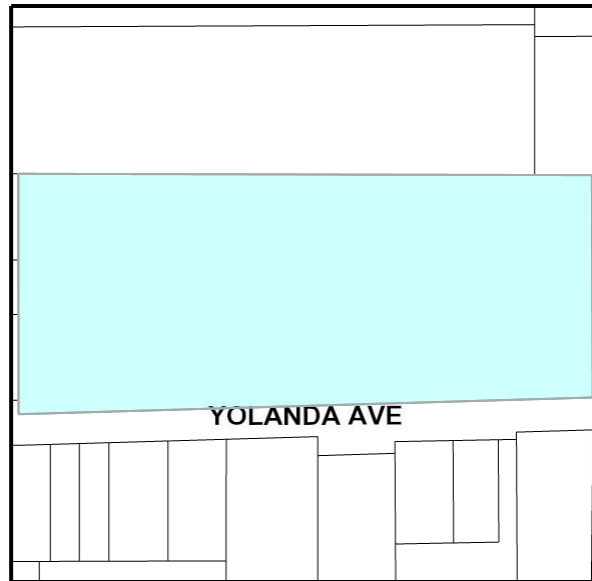
Built: 1947

Res Units:

Bedrooms:

Bathrooms:

Com Units:



Santa Rosa Only Information

General Plan: Retail and Business Service

Area Plan:

Zoning Code: CG

Identifier:

Planned Dev:

Historic Dist:

Fault km: 5

Wind Zone: Exposure C

Fire Zone:

Park Fee: Service Area No. 4 - Southeast

Fire District: 1

GIS Calculated Information

Lot Acres: 5.72

Latitude: 38.413712

Longitude: -122.710949

Census Tract: 151402

Census Block: 5000

Street Sweep: 3rd Monday

Elem School: MEADOWVIEW, KAWANA,
TAYLOR MOUNTAIN &
BELLEVUE



**California Regional Water Quality Control Board
North Coast Region
Geoffrey M. Hales, Chairman**



Matt Rodriguez
Secretary for
Environmental Protection

www.waterboards.ca.gov/northcoast
5550 Skylane Boulevard, Suite A, Santa Rosa, California 95403
Phone: (877) 721-9203 (toll free) • Office: (707) 576-2220 • FAX: (707) 523-0135

Edmund G. Brown Jr.
Governor

January 4, 2012

Mr. Jerry Swift
4428 West 15th Place
Yuma, AZ 85364

Mr. Basil Christopolous
43 Panoramic Way
Walnut Creek, CA 94595

Gentlemen:

Subject: No Further Action

File: Auto Life Center, 2698 Santa Rosa Avenue, Santa Rosa
Case No. 1NSR256

This letter confirms the completion of a site investigation and remedial action at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the former Auto Life Center business at 2698 Santa Rosa Avenue in Santa Rosa is required.

Please contact Joan Fleck at (707) 576-2675 or jfleck@waterboards.ca.gov if you have any questions regarding this matter.

Sincerely,

Original signed by

Catherine Kuhlman
Executive Officer

120104_JEF_AutoLifeCenterNFA

cc: Santa Rosa Fire Department Gbuckheit@srcity.org
Mr. John Calomiris, Edd Clark & Associates jcalomiris@ecaenviron.com

California Environmental Protection Agency

Recycled Paper

Notice of Proposed No Further Action

For

Auto Life Center
2698 Santa Rosa Avenue
Santa Rosa
Case No. 1NSR256

Internet Posting Date: November 15, 2011
End of Comment Period: December 15, 2011

Problem Description:

A discharge of petroleum and chlorinated hydrocarbons was discovered in the vicinity of the former engine/parts washing area. Low levels of total petroleum hydrocarbons as diesel, chlorobenzenes, and chlorotoluenes were detected in soil and groundwater.

Extent of Contamination:

The extent of soil and groundwater contamination was defined via exploratory trenching, the drilling of soil borings and the installation of groundwater monitoring wells. The area of impact was limited to the concrete slab adjacent to the former Auto Life Center building.

Corrective Action:

Impacted soil was removed at the time of land development in 2002. Post excavation groundwater testing revealed the absence of groundwater contaminants.

Unless significant comments are received or new information is presented, Regional Water Board staff plan to close the case file.

The case file is available for review Monday through Friday from 8:00 a.m. to 5:00 p.m. Appointments may be made by calling (707) 576-2220. Please contact Joan Fleck at (707) 576-2675 or e-mail at JFleck@waterboards.ca.gov. Written comments may be sent to: North Coast Regional Water Quality Control Board: Attention: Joan Fleck, 5550 Skylane Blvd., Suite A, Santa Rosa, CA 95403

May 2, 2016
Job No.: 0266,002.96

Mr. Jerry Swift
2132 S 36th Drive
Yuma, Arizona 85364

Site Conceptual Model/Low-Treat Closure Policy Evaluation/Closure Request
2640 Santa Rosa Avenue
Santa Rosa, California
NCRWQCB Case No. 1TSR256
WDID No. 1B08114RSON

Dear Mr. Swift:

Edd Clark & Associates, Inc. (EC&A) is pleased to present this *Site Conceptual Model/Low-Treat Closure Policy Evaluation/Closure Request* for the former underground storage tank (UST) site at 2640 Santa Rosa Avenue in Santa Rosa, California (Figure 1). The North Coast Regional Water Quality Control Board (NCRWQCB) in their letter dated July 23, 2015, requested a comprehensive document in order to evaluate the site for closure under the State Water Resources Control Board's Low Threat UST Closure Policy (LTCP). The NCRWQCB asked that the document contain the following information:

- Complete site history;
- Identification of source areas;
- Remediation history;
- Monitoring, extraction and injection well construction table and boring logs;
- Comprehensive and up-to-date groundwater and soil data tables;
- Site Conceptual Model;
- Sensitive Receptor Survey;
- A discussion of the relationship between the Hulsman Transportation site groundwater plume and the 2640 Malm Metal groundwater plume;
- A site map that clearly differentiates the Malm Metal groundwater monitoring wells from the Hulsman site groundwater monitoring wells;
- Comparison of site specific groundwater, soil and soil vapor results to criteria in the LTCP; and
- Identification of specific criteria for the site that meets or does not meet in the LTCP, and/or data gaps that prevent evaluation of specific criteria under the LTCP.

A copy of this report will be submitted to the NCRWQCB for their review and approval and will be electronically uploaded to the State GeoTracker Internet Database (GeoTracker).

1.0 BACKGROUND

Site Description

The site is comprised of a one-acre lot on the southeast corner of the intersection of Yolanda and Santa Rosa Avenues. Land use in the vicinity of the site is primarily commercial; however, a residence at 316 Yolanda Avenue borders the site to the east and there are several other residences farther to the east of the site.

From 1960 until it was closed on March 28, 1994, Malm Metal Products, Inc., a manufacturer of heating and air-conditioning ducts and other metal products occupied the site. The building was then occupied by a car-audio business, a plumbing business, and a drywall business until the building was demolished in May 1998. A 1000-gallon gasoline UST, which was operated by Malm Metal Products, Inc., was formerly located against the north wall of the building, approximately 25 feet (ft) from Yolanda Avenue. Subsequently, Yolanda Avenue was widened, and the former location of the UST now underlies the south side of the road (Figure 2).

Currently, the site is occupied by a 7-11 Convenience Store, Citgo Gas Station, and PC Club Computers. The Citgo Gas Station sells gasoline only, and stores fuel in a 15,000 gallon UST and a 10,000 gallon UST. The USTs are located about 30 feet (ft) west of the 7-11 building and 45 ft south of Yolanda Avenue.

The City of Santa Rosa supplies public drinking water and sewer services to facilities on and near the site. In July 1997, the residence on the property adjacent to the east side of the site, at 316 Yolanda Avenue was connected to the City of Santa Rosa water system. Reportedly, the water supply well for this residence (W-4), which had been installed to 170 ft bgs, screened from 90 ft to 170 ft bgs, and constructed with a 65 foot sanitary seal, was disconnected and capped at this time.

FHCs Release Scenario

A 1000-gallon UST for gasoline that was operated by Malm Metals Products, Inc. was formerly located against the north wall of a building that used to occupy the site. This location is now beneath the south lane of Yolanda Avenue. A release of FHCs to the subsurface was discovered upon removal of the UST, in 1982.

Monitoring Wells

At present, there are 18 monitoring wells (B-15, B-16, B-17, B-19, B-22, B-25, B-27, B-28, B-29, B-30, B-31, B-32, B-33, B-34, B-35D, B-36D, B-37D and DPE-1) located on-site, or in the immediate vicinity. Reportedly, another monitoring well, B-18, was installed east of the site adjacent to the south side of Yolanda Avenue (Figure 2). This well is believed to have been paved over during repairs to Yolanda Avenue, and was never located by EC&A. In their October 22, 2008 letter, the NCRWQCB directed Hulsman Transportation to collect groundwater samples from monitoring wells B-15, B-16, B-17 and B-27 on a quarterly basis, locate and inspect B-18 for damage and assume responsibility for the maintenance and eventual destruction of these monitoring wells

Wells B-13 and B-14 were destroyed in July 1996; wells B-9 and B-10 were destroyed in August 1998; wells B-1, B-2, B-7, B-11 and B-12 were destroyed in August 2001; wells B-3, B-4, B-5, B-6, B-8, B-20, B-21, B-23, B-24 and LF-1 were destroyed in September 2002. Well B-26 was not installed. Well construction specifications and well destruction dates are provided in Table 1A.

Remediation Wells

Six extraction wells (EW-1 through EW-6) were installed at the site in August 2004 to depths ranging from 26.5 ft to 27 ft bgs (Appendix A). Ten Ozone injection wells (SP-1 through SP-7, and SP-9 through SP-11) were installed at the site in August-September 2004 to depths ranging from 20 ft to 40 ft bgs. Injection well construction specifications are provided in Table 1B.

Water-supply Wells and Utilities

Eight water-supply wells, identified as W-1 through W-7 and DW-325, were located on-site or nearby. W-1 was located south of the site at 2690 Santa Rosa Avenue, and has been out of service since 1987. W-2, originally located in the interior of the former Malm Metals building, has been out of service since approximately 1988. W-3, located at 302 Yolanda Avenue, has been out of service since 1978. W-4, located near the southeast corner of the residence at 316 Yolanda Avenue was apparently installed as a replacement for W-7 that had been impacted by FHCs. W-4 remained in service from its installation in 1983 to June 1997. W-5 was located at the rear of the former Diving Center at 2696 Santa Rosa Avenue. W-6 was located 75 ft south of W-5 at 2698A Santa Rosa Avenue. The location of W-7, was on the northwest side of the residence at 316 Yolanda Avenue. DW-325 is located approximately 350 ft northeast of the site, on the Hulsman Transportation property.

On older maps of the area, W-7 was designated W-4. Following the discovery of FHCs in this well, a replacement W-4 well was installed to the southeast of the residence. During EC&A's initial inspection of the property at 316 Yolanda Avenue, no evidence of the original location of old well W-4, was observed. However, on October 28, 2004, a resident discovered the well location, on the northwest corner of the property. In an attempt to avoid confusion, EC&A assigned W-7 to this well location.

W-1 through W-3, W-5 and W-6 were destroyed under permit in March and April of 2000. W-4 and W-7 were abandoned in 2005. Construction specifications for W-1, W-2, W-3, W-5 and W-6 are provided in Table 2. The total depth of W-4 was 170 ft. It was screened from 90 ft to 170 ft, and the sanitary seal extended from the ground surface to 65 ft bgs; i.e. the top of the D-sand. The total depth of W-7 was 63 ft. It is our understanding that DW-325 remains, but has not been in use for some years. Reportedly, the well was sampled in February 2016, and analyses of the water were ND for all analytes.

The City of Santa Rosa supplies public drinking water and sewer services to facilities near the site. In July 1997, a hookup to City of Santa Rosa water was installed for the residence at 316 Yolanda Avenue. EC&A understands that following the hookup, W-4 was no longer used.

Nearby UST Sites

There is a leaking UST (LUST) site, Hulsman Transportation at 325 Yolanda Avenue, located northeast of the site, and one east of the site at 455 Yolanda Avenue (Redwood Oil Bulk Plant). A closed LUST site, formerly occupied by Michael's Auto, is located directly north of the site at 2642 Santa Rosa Avenue. EC&A understands that the NCRWQCB is currently reviewing a site evaluation for case closure report dated March 3, 2016 for the Hulsman Transportation site. Five monitoring wells were installed at 325 Yolanda Avenue to monitor groundwater quality in the vicinity of the former UST for gasoline, (MW-1s, MW-2s, MW-3s, MW-3d and MW-4). MW-3s and MW-3d were installed in November 2004 to replace MW-3 which was located next to the former location of the UST for gasoline. Monitoring well MW-3 was abandoned because it was suspected of providing a conduit to allow FHCs to reach a deeper groundwater zone. The greatest concentrations of TPHg, benzene, and MTBE detected in MW-3 are 45,000 micrograms per liter ($\mu\text{g/l}$) (November 1998), 4100 $\mu\text{g/l}$ (December 1996), and 2600 $\mu\text{g/l}$ (EPA Method 8260, November 1998). Logs of MW-3, MW-3s and MW-3d are provided in Appendix A.

Local Groundwater Quality Problem Zones

The site is within an area identified by the NCRWQCB as having chlorinated hydrocarbon groundwater contamination. In a letter to Mr. Swift dated September 1, 2000, the NCRWQCB reported that results of a soil gas survey conducted by the NCRWQCB indicated that the source of the chlorinated hydrocarbon groundwater contamination appears to originate in property located southeast of the site. The NCRWQCB characterized the groundwater flow direction in the Yolanda Avenue area as generally flowing from northwest to southeast, and reported that based on this flow direction, the site is located cross and up-gradient from the apparent source of the chlorinated hydrocarbon groundwater contamination.

2.0 HISTORY OF INVESTIGATIONS

In September 1982, gasoline was reported in a domestic water-supply well located at 316 Yolanda Avenue, approximately 150 ft east of the former UST at the site. This well was located at the northwest corner of the residence and labeled W-4 on maps of that time. Reportedly, the old W-4 was "capped and sealed", and replaced in 1983 with a new domestic well in the back yard of the residence. The new W-4 was located about 75 ft south-southeast of the old W-4 that was later labeled as W-7.

On October 13, 1982, Malm Metals reported that their UST was leaking. On October 29, 1982, the NCRWQCB issued Cleanup and Abatement Order No. 82-143, which required Malm Metals to cease further discharges of gasoline from the UST and develop, submit, and implement a plan to clean-up and abate the effects of the discharge.

On November 3, 1982, the UST was removed. Reportedly, the capacity of the UST was 1000 gallons. During the removal of the UST, a cluster of five 1/8-inch-diameter holes was reported on the west end of the bottom of the UST.

1982-1989 Monitoring Well Installations

In November and December 1982, thirteen groundwater monitoring wells (B-1 through B-13) were installed by IT Enviroscience to depths of 14 ft to 30 ft to assess the extent of soil and groundwater contamination. Gasoline (free product) was observed in some of the wells located between the former UST and the contaminated domestic water well (W-4) at 316 Yolanda Avenue. Logs of all monitoring wells and remediation wells drilled at the site are presented in Appendix A.

In March 1983, a free-phase gasoline recovery system was installed to remove product floating on the groundwater surface (Well R-1, Figure 2). The system was operated until June 1989 when groundwater monitoring revealed that no measurable amount of floating product was present in the recovery well, or the nearby groundwater monitoring wells.

In 1984, six additional monitoring wells (B-14 through B-19) were installed by IT Enviroscience to further define the lateral extent of the contaminant plume. During the installation of monitoring wells B-16, B-17 and B-18, which were located between the Hulsman Transportation property and the domestic water well at 316 Yolanda Avenue, gasoline odors were detected in soil above the water table. However, no soil samples were submitted for chemical analyses.

In 1988, a quarterly groundwater monitoring program was initiated by Levine-Fricke (L-F). They reported that significant concentrations of the aromatic hydrocarbons benzene, toluene, ethylbenzene and xylenes (BTEX) and TPHg were present in shallow groundwater. The highest historical concentrations of these petroleum hydrocarbons were in the wells east of the former UST location. Groundwater monitoring activities by L-F continued until March 1995. L-F groundwater sample analytical results are presented in Appendix B.

In 1989, an intermediate depth (approximately 50 ft) monitoring well (LF-1) was installed. Groundwater samples collected from this well in 1989-1990 reported toluene at concentrations ranging from 0.8 µg/l to 5.0 µg/l.

June 1996 Soil Boring Investigation

To further assess the lateral and vertical extent of FHCs migration in soil and groundwater, and to assess the suitability of remediation technologies such as soil vapor extraction in the area surrounding the location of the former UST, EC&A directed the installation of six soil borings at the locations shown in Figure 2 on June 25-26, 1996. Soil borings SB-1 through SB-6 were drilled to depths ranging from 16.5 ft to 38.5 ft bgs (Appendix A). Soil and groundwater samples were collected and analyzed for TPHg, BTEX and MTBE by Methods 8015m/8020.

Soil Sample Analytical Results

Concentrations of TPHg ranging from below the detection limit of 1.0 milligram per kilogram (mg/kg) to 8600 mg/kg, and concentrations of benzene ranging from below the detection limit of 5.0 micrograms per kilogram (µg/kg) to 110,000 µg/kg were detected in soil samples collected from the soil borings. MTBE concentrations ranged from below the reporting limit of 50 µg/kg to 91,000 µg/kg. Soil sample analytical results are presented Table 3.

Groundwater Sample Analytical Results

Laboratory analysis of grab-groundwater samples collected from soil borings SB-2, SB-4 and SB-6 reported TPHg concentrations ranged from 78 milligrams per liter (mg/l) to 130 mg/l. Benzene concentrations ranged from 13,000 µg/l to 21,000 µg/l. MTBE concentrations ranged from 500 µg/l to 2200 µg/l. Grab-groundwater sample analytical results are summarized in Table 4.

Further information on the June 1996 Soil and Groundwater Investigation can be found in EC&A's November 20, 1996, *Soil and Groundwater Investigation Report, 2640 Santa Rosa Avenue, Santa Rosa, California*.

April 1997 Groundwater Sampling Event

In addition to the monitoring wells sampled in June 1996, in April 1997, EC&A collected groundwater samples from MW-3 at 325 Yolanda Avenue and four water-supply wells. FHCs concentrations increased over their June 1996 levels in wells B-5, B-8, B-9, B-10 and B-11, but were generally less than the concentrations reported from these wells in earlier sampling events (L-F Table 2, Appendix B). The exception was benzene in well B-9, which had a concentration of 13,000 µg/l, an increase over the March 1995 concentration of 11,000 µg/l. FHCs concentrations decreased from their 1996 levels in monitoring wells B-15 and B-16. Table 5 presents the FHCs analytical results.

Review of previous sampling events conducted at the site indicated that until the April 1997 sampling event, groundwater samples had not been collected from domestic water-supply well W-4. On April 26, 1997, benzene at a concentration of 1.9 µg/l was the only analyte reported from this well. A confirmation sample was collected on May 15, 1997. Positive detections for this sample were TPHg at 0.062 mg/l, benzene at 2.2 µg/l, and toluene at 20 µg/l. On June 2, 1997, the NCRWQCB directed EC&A to collect another water sample from W-4. This sample was analyzed for total lead and for volatile organics (Method 8260). No lead was detected above the reporting limit of 0.005 mg/l. Method 8260 analytes detected were benzene at 0.75 µg/l, 1,1-dichloroethene at 1.1 µg/l, cis-1,2-dichloroethene at 0.90 µg/l, and trichloroethene at 5.9 µg/l.

Only one analyte, MTBE at 13 µg/l, was detected in water-supply well W-3. Trace concentrations of benzene and toluene were detected in this well in 1989-1990. TPHg at a concentration of 11 mg/l was detected in water-supply well W-2. Benzene was not detected in this well; however, the quantification limit for benzene was elevated to 20 µg/l due to dilution of the sample. Analytical results for FHCs, fuel oxygenates and VOCs are presented in Tables 5, 6 and 7, respectively. Table 8 presents analytical results for metals and ions that are sensitive to groundwater oxidation-reduction potential (ORP).

July 1997 Soil and Groundwater Corrective Action Plan

EC&A prepared a *Corrective Action Plan - Soil and Groundwater Remediation (CAP)* dated July 29, 1997, that proposed over-excavation and gross groundwater extraction as the most effective methods of remediating FHCs-contaminated soil and groundwater. This selection was based on

geology, depth to groundwater, project duration, effectiveness in eliminating impact to sensitive receptors (water wells), and cost effectiveness.

In addition to excavating FHCs-contaminated soil, the CAP proposed pumping up to 100,000 gallons of FHCs-impacted groundwater from the open excavation, destroying monitoring wells in the proposed area of excavation, and destroying out-of-service water supply wells W-1, W-2 and W-3, which could potentially serve as conduits for the downward migration of FHCs. The CAP was conditionally approved by the NCRWQCB in their letter dated August 18, 1997. The NCRWQCB requested that the out-of-service water supply wells remain intact in the event they would be useful to monitor groundwater quality in deeper aquifers.

1998 Soil and Groundwater Remediation Activities

The July 1997 CAP was implemented in August and September 1998. The following material is summarized from EC&A's November 12, 1998, *Soil and Groundwater Remediation Report*. Analytical data from this report are included in Tables 9, 10, 11 and 12.

Monitoring Well Destruction

On August 4, 1998, monitoring wells B-9 and B-10 and vapor-extraction test wells VE-1 and VE-2 were destroyed during over-excavation by removing them with the excavator. The destruction of these wells was performed under Monitoring Well Permit 96-2368-HWM issued by the CSDHS and approved by the NCRWQCB.

Soil Removal

Soil in the location of the former UST for gasoline was over-excavated in two phases (EX-1 and EX-2, Figure 3) during August and September 1998. Work was performed in two phases because of the size of the excavation and space limitations for stockpiling and aerating soil.

A total of approximately 9470 in-place cu yds of soil were removed: 4720 in-place cu yds in Phase I (EX-1, August 1998) and 4750 in-place cu yds in Phase II (EX-2, September 1998). In each phase of excavation, overburden (soil above the FHCs-contamination) was separated from the FHCs-contaminated soil, tested for FHCs, and if the analytes were not detected above reporting limits, used as backfill material. FHCs-contaminated soil was aerated to lower the concentration of FHCs to levels acceptable to Redwood Landfill in Novato, California, tested, then hauled to the landfill. Approximately 1000 cu yds of overburden were excavated in each phase. Based on receipts from the landfill, a total of 8929 cu yds were disposed of at Redwood Landfill. The final extent of the over-excavated area was approximately 75 ft by 140 ft, with an average depth of 25 ft. The excavations were backfilled with overburden soil and clean fill; the upper 5 ft were compacted to a minimum of 90% compaction.

Very little groundwater entered the open excavations, although depth to groundwater in former monitoring wells B-10 and B-9 and out-of-service product recovery well R-1 was from 12 ft to 13 ft bgs and the depth of EX-1 and EX-2 was about 25 ft bgs. Former wells B-9 and B-10 were located within the excavated area; R-1 was located about 8 ft east of EX-1.

Soil Sample Analyses

All soil samples collected from the excavations, overburden stockpiles, and FHCs-contaminated soil stockpiles were analyzed for TPHg, MTBE and BTEX by Methods 8015m/8020. Selected soil samples were analyzed for total lead. Nineteen soil samples, EX-1 through EX-19, were collected from the Phase I excavation, and twenty-one soil samples, EX-20 through EX-40, were collected from the Phase II excavation (Figure 4). Table 9 presents analytical results, and the depths and locations from which the soil samples were collected; Table 10 presents overburden stockpile soil sample analytical results; Table 11 presents post-aeration soil sample analytical results.

Soil Sample Analytical Results - Phase I (EX-1)

The highest concentrations of FHCs (630 mg/kg to 2500 mg/kg TPHg) were detected in samples collected from the north wall at 15.5 ft to 20.5 ft bgs. Lead was detected up to 6.3 mg/kg. Free-phase FHCs were not observed. In soil from the east wall, the greatest concentrations of TPHg and benzene, 30 mg/kg and 0.034 mg/kg, respectively, were detected in sample EX-8 collected at 16 ft bgs. TPHg or benzene were not detected in sample EX-10, collected from 12 ft bgs.

In soil from the west wall, the greatest concentrations of TPHg and benzene, 310 mg/kg and 1.3 mg/kg, respectively, were detected in sample EX-18, collected at 20 ft bgs. TPHg up to 170 mg/kg was detected above 12 bgs. In Phase II, soil was removed from the west side of EX-1.

In soil from the south wall, TPHg and benzene up 1500 mg/kg and 15 mg/kg, respectively, were detected. In Phase II, soil was removed along the entire south side of EX-1.

In soil from the excavation floor, the greatest concentrations of TPHg and benzene, 23 mg/kg and 1.6 mg/kg, respectively, were detected in sample B-9, collected at 27 ft bgs from the southeast section of the excavation. TPHg at 560 mg/kg was detected in sample B-7, which was collected within 5 ft of B-8 at 23 ft bgs. Following the collection of sample B-7, soil in this area of the excavation floor was removed to 25 ft to 27 ft bgs.

Soil Sample Analytical Results - Phase II (EX-2)

A small pool of what appeared to be free-phase FHCs were observed in the northwest section at approximately 22 ft bgs in the location of sample EX-2-B-13 (Figure 2). Soil in this area was excavated to 24 ft bgs, and sample EX-2-B-13 was collected. No free-phase FHCs were observed at this depth. TPHg and benzene were detected in sample EX-2-B-13 at 360 mg/kg and 3.7 mg/kg, respectively.

The highest concentrations of FHCs (110 mg/kg to 420 mg/kg TPHg) were detected in samples collected from the excavation floor at 24 ft to 27 ft bgs toward the south and west end of the excavation. Lead was detected up to 8.2 mg/kg.

In soil collected from the west wall, TPHg and benzene up 120 mg/kg and 0.84 mg/kg, respectively, were detected. The highest concentrations were detected at 11.5 ft bgs in samples EX-25 and EX-26. FHCs were not detected in the north end of the west wall in sample EX-28,

collected at 11.5 ft bgs. TPHg and benzene were detected at 27 mg/kg and 0.48 mg/kg, respectively, in sample EX-29, collected below EX-28 at 20 ft bgs.

In soil collected from the south wall, only benzene at 0.008 mg/kg was detected in sample EX-22, collected at 11.5 ft bgs from the west end of the south wall.

FHCs were not detected in soil collected from the east wall (samples EX-32, EX-33 and EX-34) and from the north wall (samples EX-30 and EX-31).

Groundwater Removal

Pumpable quantities of groundwater entered the east end of EX-1; pumpable quantities of groundwater did not enter EX-2. About 3400 gallons were pumped from EX-1 into a 20,000-gallon Baker Tank. Between the completion of EX-1 and the beginning of EX-2, about 7940 gallons of FHC-contaminated groundwater were pumped from the out-of-service product recovery well (R-1, Figure 2) into the Baker Tank. R-1 was located about 8 ft east of EX-1, was constructed with a 12-inch metal casing, and was installed to about 35 ft bgs. Rapid de-watering of R-1 with a trash pump resulted in increasingly slower recovery rates, which made it inefficient to continue pumping groundwater from R-1 into the Baker Tank.

Water in the Baker Tank was discharged through two 1800-pound carbon-filled canisters, then into a sanitary sewer operated by the Santa Rosa Industrial Wastewater Division under a one-time discharge permit. Analytical results for the Baker Tank and cannister discharge water samples are presented in Table 12.

Water sample GW-1 was collected from the Baker Tank and analyzed for TPHg and BTEX by Methods 8015m/8020, MTBE and other gasoline oxygenates by Method 8260, and for total lead. Laboratory analysis of groundwater sample GW-1 detected 58,000 µg/l TPHg and 8200 µg/l benzene (Table 12). Toluene, ethylbenzene and xylenes were also detected in the sample. MTBE, other gasoline oxygenates, and lead were not detected above their respective reporting limits.

April 1999 Chlorinated Hydrocarbon Survey

In April 1999, groundwater samples were analyzed by Method 8260 from wells B-2, B-3, B-4, B-6, B-17 and LF-1 as part of a chlorinated-hydrocarbon survey conducted on the 2640 Santa Rosa Avenue site and a property on the south side of the site, 2698A Santa Rosa Avenue, also owned by Mr. Swift. Six soil borings were drilled as part of this investigation, CH/SB-1 through CH/SB-6. Boring logs, figures and tables for this investigation are provided in Appendix C.

Water-supply wells W-1 and W-3 were sampled and analyzed for volatile organic compounds (VOCs) by Method 8260; results were non detect (ND) for all analytes (Table 2). Well W-2 was dry and could not be sampled.

Based on the available data, the 2698A site does not appear to be the source for the chlorinated hydrocarbons detected in the off-site water wells located east of the site. The chlorinated hydrocarbons detected in groundwater in boring CH/SB-3 (Table 3) were not detected in groundwater collected from the off-site water supply wells. Generally, lower concentrations of

chlorinated hydrocarbons were detected in groundwater collected from site wells or borings than from the off-site water wells. TCE was detected in on-site well B-6 and on-site boring CH/SB-6 at concentrations of 1.4 µg/l to 43 µg/l, respectively (Appendix C).

Chlorinated hydrocarbons were not detected in groundwater collected from on-site water wells W-1 and W-3 and deep monitoring well LF-1 in April 1999, indicating that chlorinated hydrocarbons were not present in the deeper aquifers beneath the site at this time. However, TCE and DCE were present in low concentrations in domestic well W-4, just east of the site, which is screened in a deeper aquifer (Table 13).

TCE and DCE in this well may be due to migration of VOCs from 372 and 376 Yolanda Avenue.

Based on the chlorinated hydrocarbon data collected in April 1999 from the site and vicinity, it appears that there are approximately four sources of chlorinated hydrocarbons affecting the site:

- 1) an off-site source impacting the deep aquifer east of the site and possibly the shallow aquifer in the northeast portion of the site; and
- 2) three onsite sources near the parts washing area, the sheet metal shop, and the southern end of the Auto Life Center Garage, which impact shallow groundwater beneath the site.

Further information regarding this investigation, which was conducted to assess whether chlorinated hydrocarbons are present in soil and/or groundwater beneath the properties owned by Mr. Swift, and to identify possible source areas within these properties, is presented in EC&A's July 20, 1999, *Chlorinated Hydrocarbon Investigation Report*.

February 2000 Water-supply Well Sampling

Water-supply wells W-5 and W-6 were sampled, and the samples analyzed for VOCs by Method 8260; results were ND for all analytes (Table 2).

March-April 2000 Water-supply Well Abandonment

On March 27 and April 13, 18 and 19, 2000, under the oversight of EC&A, Weeks Drilling & Pump of Sebastopol, California, destroyed out-of-service water-supply wells W-1, W-2, W-3, W-5, and W-6. The NCRWQCB approved the destruction of these wells in their letter dated February 29, 2000, with the condition that groundwater samples would be collected from wells W-5 and W-6 and the sample results submitted to the NCRWQCB prior to destroying these wells. The NCRWQCB and the Sonoma County Permit and Resource Management Department (SCPRMD) required that the wells be destroyed by perforating the entire length of the casing and tremie-pressure-grouting with cement grout from the bottom to the top of each well. The destruction of these wells is documented in EC&A's November 6, 2000 *Monitoring Well Installation/Groundwater Monitoring/Water-supply Well Destruction Report*.

With the exception of W-2 and W-3, each well was perforated in one-foot intervals with four holes from the bottom of the casing to 1 ft bgs. All of the wells were tremie-pressure-grouted with cement grout from the bottom to the top of the casing. The perforating tool could not be inserted in well W-2 beyond 5 ft bgs and the casing was rusted and otherwise deteriorated.

Efforts to force the perforating tool into the casing caused the casing to crumble. With the approval of the PRMD, W-2 was tremie-pressure-grouted from the bottom to the top of the well without perforating it. W-3, with a total depth of 85 ft, was only perforated from approximately 25 ft bgs to 1 ft below the top of the well casing because of an obstruction in the well casing. With the approval of the PRMD, this well was then tremie-pressure grouted from the bottom to the top of the well.

As directed by the NCRWQCB, EC&A inspected the reported location of the original water-supply well for 316 Yolanda Avenue to confirm that it was properly destroyed. This well was located at the northwest corner of the residence and was labeled W-4 on maps of that time. Apparently, the old well W-4 was abandoned and replaced in 1983 with existing water-supply well W-4 (Figure 2). Debris and surface soil were removed in the reported location of the original well W-4. No evidence of a well or well destruction materials were observed at this time.

In July 1997, a hookup to City of Santa Rosa water was installed for the residence at 316 Yolanda Avenue. EC&A understands that replacement well W-4 was never used after the property was hooked up to city water.

2000 Monitoring Well Installation/Soil Sample Collection

On May 17 and 18, 2000, EC&A directed the installation of monitoring wells B-20, B-21 and B-22 to depths of 25 ft, 26.5 ft and 25 ft bgs, respectively. The full report of this investigation is found in EC&A's *Monitoring Well Installation/Groundwater Monitoring/Water-supply Well Destruction Report* dated November 6, 2000. The locations of the monitoring wells are presented on Figure 2 and the logs are in Appendix A. The wells were intended to replace monitoring wells that were destroyed during the removal of FHCs-contaminated soil in August and September 1998 (B-21), monitor groundwater quality west of the former UST (B-20), assess the possible migration of FHC-contaminated groundwater east of the site toward the out-of-service water-supply well at 316 Yolanda Avenue (B-22), and provide additional water-level data for groundwater-gradient calculations. Groundwater analytical results for FHCs, fuel oxygenates and VOCs are presented in Tables 5, 6 and 7, respectively. Groundwater elevation data are in Table 14.

FHCs were detected only in soil samples collected from borings/wells B-21 (15.5 ft and 26.0 ft) and B-22 (20.5 ft). In soil samples collected from well B-21 at 15.5 ft and 26.0 ft bgs, concentrations of TPHg were detected at 17 mg/kg and 3.3 mg/kg, respectively. Benzene was reported in these samples at 0.50 mg/kg and 0.12 mg/kg respectively (Table 3). Concentrations of TEX were also detected in these samples. In soil samples collected from well B-22 at 20.5 ft bgs, concentrations of TPHg and benzene were detected at 1000 mg/kg and 3.0 mg/kg respectively. Concentrations of TEX were also detected in these samples.

June 2000 Monitoring Well Geophysical Survey

Under the direction of EC&A, NORCAL Geophysical Consultants, Inc., (NORCAL) performed an underground survey on June 12, 2000, in an attempt to locate monitoring wells B-12 and B-18, which were apparently paved-over during repairs to Yolanda Avenue. Using a specialized metal detector and ground-penetrating radar, NORCAL identified subsurface features that

indicated possible well locations. The full report of the NORCAL survey is included as Appendix B in EC&A's *Monitoring Well Installation/Groundwater Monitoring/Water-supply Well Destruction Report* dated November 6, 2000.

August 2000 Monitoring Well Survey

On August 16, 2000, the top of the well casings of the new and existing wells (except wells B-12 and B-18, which were covered with asphalt and inaccessible) were surveyed to establish horizontal location and elevation relative to mean sea level. David L. Contreras, a California-licensed surveyor performed the survey to an accuracy of at least 0.1 ft in the horizontal and 0.01 ft in the vertical.

November 2000 Water-supply Well W-4 Sampling

A water sample was collected from water-supply well W-4, located at 316 Yolanda Avenue. EC&A understands that this well is not in-service. The sample was analyzed for TPHg and BTEX by Methods 8015m/8020 and for MTBE and the other gasoline oxygenates by Method 8260. None of the analytes were detected at or above their respective reporting limits (Table 13).

August - September 2001 Soil and Groundwater Investigation

The purpose of the August-September 2001 soil and groundwater investigation was to further define the lateral and vertical extent of FHCs-contaminated groundwater, evaluate the migration pathway of FHCs-contaminated water into water-supply well W-4, further assess groundwater flow direction beneath the site and in the vicinity of the site, repair damaged monitoring wells, and destroy monitoring wells screened across multiple water-producing zones. The full report of this investigation is found in EC&A's *Soil and Groundwater Investigation & Groundwater Monitoring Report*, dated January 15, 2002.

Work completed included the destruction of five groundwater monitoring wells, installation of four groundwater monitoring wells, collection of soil samples from the well borings and groundwater samples from the new and existing wells, advancement of one Envirocore[®] and two cone-penetrometer test (CPT) borings, laboratory analysis of soil and groundwater samples, data analysis, and preparation of the report. The work was completed in the following tasks.

Monitoring Well Installation

On August 27-30, 2001, EC&A directed the installation of monitoring wells B-23, B-24, B-25 and B-27 in the A-Sand aquifer. Well B-26, which was proposed as a B-Sand monitoring well in the *Revised CAP*, was not installed. An Envirocore[®] boring and two CPT borings were installed in lieu of B-26. The monitoring wells were drilled using 8-inch-diameter hollow-stem augers.

August 2001 Monitoring Well Destruction

On August 27, 28 and 30, 2001, EC&A directed the destruction of monitoring wells B-1, B-2, B-7, B-11 and B-12 by over-drilling using a truck-mounted drill rig equipped with 8-inch-diameter hollow-stem augers. Following well destruction, the borings were backfilled by tremie grouting with a cement/bentonite grout. The grout was poured into the hollow center of

the augers. The destruction of the wells was completed by capping the borings with asphalt or soil depending on the location.

B-12 had been covered by asphalt and had not previously been sampled. On August 28, 2001, B-12 was located, the asphalt was removed and groundwater samples were collected from the well prior to its destruction. The groundwater samples were analyzed for TPHg, BTEX and MTBE by Methods 8015m/8020. None of the analytes tested for were detected in the samples. Analytical results for B-12 are summarized on Tables 5 and 6.

Visual observations of wells B-1, B-2 and B-12 by EC&A prior to and during their destruction indicated that they were not constructed in accordance with accepted industry standards. Wells B-1, B-2 and B-12 were constructed of poor-quality PVC that was not threaded; individual segments were held together with slip caps, glue and/or duct tape. Wells B-1, B-2 and B-3 were slotted to the TOC. Well B-3, which remained in service until September 2002, also was slotted to the TOC. Wells B-7 and B-11 appeared to have been properly constructed.

September 2001 CPT Boring Installation

On September 26-27, 2001, EC&A directed the advancement of one Envirocore[®] boring (EC-1) and two CPT borings (CPT-1 and CPT-2) at the locations shown on Figure 2. The Envirocore[®] boring was advanced with a direct-push rig and soil samples were continuously collected in order to calibrate CPT data interpretations. A CPT rig was used to advance the CPT probes and collect groundwater samples from the B-Zone and deeper aquifers (see Section 4.0 Hydrogeology for a discussion of the various aquifer beds identified in the deep borings). The boring depths were: EC-1, 64 ft bgs; CPT-1, 67.5 ft bgs; and CPT-2, 63.7 ft bgs. The logs of EC-1 and the CPT borings are provided in Appendix A; analytical results for the grab-groundwater samples are in Table 4.

Three groundwater samples were collected in each CPT boring because there was no geologic information below a depth of 50 ft at the site (well LF-1), and the route of entry of FHCs into old water well W-4 is unknown. The first groundwater sample in CPT-1 was collected at 32 ft to 36.5 ft bgs from a water-bearing interval now identified as the B Sand. The second sample was collected from the next water-bearing interval below (now identified as the C Sand) at a depth of 43 ft to 48 ft bgs. The third sample from CPT-1 was collected from 61 ft to 67 ft bgs in a water-bearing interval now identified as the D Sand; this depth corresponds to the upper extent of the gravel pack in W-4, which extends from 65 ft to 170 ft bgs. The sanitary seal in W-4 is from the ground surface to 65 ft bgs and the well screen is from 90 ft to 170 ft bgs. The subsurface geology of the site is depicted on a series of six cross sections that are included as Figures 8 - 13.

The first groundwater sample in CPT-2 was collected from a water-bearing interval at 32 ft to 38 ft bgs; the second groundwater sample was collected from the next water-bearing interval below (now identified as the C Sand) at a depth of 44 ft to 49 ft bgs; the third sample was collected at 58 ft to 62 ft bgs from a water-bearing interval now identified as the D Sand.

Continuous geophysical measurements were made as the CPT probes were advanced through the soil. Final locations for groundwater sample collection points were selected based on the

geophysical logs from each probe location. Groundwater samples were collected at each CPT boring location using either a Waterloo Profiler[®] depth-discrete water sampler or bailer.

In CPT-1, TPHg and BTEX were reported at 34 ft bgs at 23,000 µg/l, 4100 µg/l, 300 µg/l, 1700 µg/l and 1800 µg/l, respectively, and at 47 ft bgs at 190 µg/l, 21 µg/l, 6.1 µg/l, 8.6 µg/l and 24 µg/l, respectively. MTBE and 1,2-DCA were reported at 47 ft bgs at 6.6 µg/l and 4.6 µg/l, respectively. None of the analytes were reported in CPT-1 at 65 ft bgs.

In CPT-2, TPHg, benzene and toluene were reported at 35 ft bgs at 1600 µg/l, 47 µg/l and 1.5 µg/l, respectively, and benzene was reported at 44.5 ft bgs at 0.54 µg/l. MTBE, tert-butanol and 1,2-DCA were reported at 35 ft bgs at 2.9 µg/l, 79 µg/l and 22 µg/l, respectively, and at 44.5 ft bgs at 19 µg/l, 21 µg/l and 24 µg/l, respectively. None of the analytes were reported in CPT-2 at 62 ft bgs.

August 2002 Dual-phase Extraction Pilot Test

To assess whether dual-phase extraction was a technically feasible remediation alternative, EC&A retained The Geoservices Group (TGG) to perform a dual-phase extraction pilot test. The test was conducted from August 13-15, 2002. To conduct the test, TGG installed 4-inch-casing-diameter extraction well DPE-1 to a depth of 25 ft (Figure 2). DPE-1 was screened from 5 ft to 25 ft bgs. TGG concluded that dual-phase extraction was technically feasible. Details of the pilot test are in the TGG March 4, 2003, *Summary Report Dual Phase Pilot Test 2640 Santa Rosa Avenue, Santa Rosa, California*.

September 2002 Well Abandonments

Twelve monitoring wells (B-3 through B-6, B-8, B-20, B-21, B-23, B-24 and LF-1), one vapor extraction well (VE-3) and one product recovery well (R-1) that were located at 2640 Santa Rosa Avenue were abandoned (Figure 2). The wells were abandoned in accordance with EC&A's September 9, 2002 *Well Destruction Workplan, 2640 Santa Rosa Avenue, Santa Rosa, California*, which was verbally approved by the NCRWQCB on September 11, 2002.

Although monitoring well B-22 was included in EC&A's September 2002 *Well Destruction Workplan*, it was preserved because it was not significantly damaged by grading that had already taken place and was located in an area that would not be impacted by future site plans. To prevent ongoing grading activities from further damaging the well, on September 30, 2002, Clear Heart Drilling, Inc. cut the upper 2 ft of the casing off, capped the casing with a slip cap and covered the well with a metal plate. Similarly, the dual-phase extraction pilot test well (DPE-1) was preserved by Clear Heart Drilling, Inc. on November 18, 2002, using the same method.

April 2004 Revised FS/CAP

On April 20, 2004, EC&A's *Revised Feasibility Study/Corrective Action Plan* (Revised FS/CAP) was submitted to the NCRWQCB for their review and approval. On May 14, 2004, the NCRWQCB discussed several concerns with EC&A regarding the scope of work proposed in the Revised FS/CAP. These concerns were addressed in EC&A's June 1, 2004, *Revised Feasibility Study/Corrective Action Plan Addendum* (Revised FS/CAP Addendum). The NCRWQCB approved the Revised FS/CAP and Revised FS/CAP Addendum in their letter dated June 15, 2004.

EC&A's proposed Scope of Work for the remediation of soil and groundwater containing FHCs at the site using HVDPE and ozone injection included:

- Installation of six extraction wells and twelve ozone injection wells,
- Operation of the HVDPE and ozone injection systems,
- Installation of nine shallow-zone monitoring wells to replace the wells that were destroyed prior to development of the site,
- Installation of a shallow-zone monitoring well near the former Auto Life Center to evaluate the presence of volatile organic compounds (VOCs),
- Installation of three monitoring wells in the B/C-zone aquifer,

July - October 2004 Monitoring Well, Extraction Well and Ozone Sparge Well Installations

From July to October 2004, EC&A supervised the installation of ten ozone injection points to remediate FHCs-impacted groundwater (SP-1 through SP-7, SP-9, SP-10 and SP-11), six extraction wells for use in HVDPE soil and groundwater remediation (EW-1 through EW-6), six shallow zone groundwater monitoring wells (B-29 through B-34) to replace the wells that were destroyed prior to development of the site (shallow-zone well B-33 near the former Auto Life Center was designed to evaluate the presence of VOCs), and three monitoring wells in the B/C-zone aquifer (B-35D, B-36D and B-37D). Damage to monitoring wells B-15 and B-27 was repaired. The wells were designed to further assess groundwater quality in the vicinity of the former USTs and evaluate the effectiveness of future groundwater remediation activities. Site work was performed in accordance with EC&A's April 20, 2004, Revised FS/CAP and the June 1, 2004, Revised FS/CAP Addendum, which were approved by the NCRWQCB in their letter dated June 15, 2004. A detailed description of the installation of these wells is in EC&A's April 27, 2005, *Report: Installation of Monitoring Wells, Ozone Sparge Points and HVDPE Extraction Wells & Groundwater Monitoring - August 2004 Event*.

September-October 2004 High Vacuum Dual Phase Extraction (HVDPE) Event

A 46-day HVDPE event was conducted at the site in September and October 2004 in response to the NCRWQCB request for interim remedial action. Work completed for this investigation was intended to extract free-phase floating product (if present) and groundwater with high concentrations of FHCs, and to volatilize and extract FHCs adsorbed to soil in the vicinity of the former UST where soil with high residual FHCs concentrations was previously detected. A detailed description of the HVDPE event is in EC&A's April 27, 2005, *Report: Installation of Monitoring Wells, Ozone Sparge Points and HVDPE Extraction Wells & Groundwater Monitoring - August 2004 Event*.

The completed scope of work included the following activities:

- Installation of six extraction wells near the north side of the former Phase I Over-Excavation;
- Collection of soil samples from the new extraction wells;
- Collection of groundwater samples from two of the new extraction wells, 16 monitoring wells and dual-phase extraction well DPE-1 for chemical analysis prior to the first HVDPE event;
- Performance of a 46-day extraction event of groundwater, free product and petroleum vapors from the extraction wells and MW-1 using an HVDPE system;

- Collection of samples of soil gas and effluent water during operation of the HVDPE system;
- Collection of groundwater samples from all existing monitoring and extraction wells and dual-phase extraction well DPE-1 for chemical analysis after extraction of groundwater and vapors from the extraction wells.

The 46-day HVDPE event was effective in removing FHCs from soil and removing FHCs-impacted groundwater primarily from the A-sand or shallow aquifer. In the vicinity of the former UST, it appears that FHCs-impacted groundwater is limited to the A-sand aquifer. Approximately 2813 pounds of FHCs and 125,048 gallons of FHCs-impacted groundwater were removed. Groundwater sample analytical results indicate that the HVDPE event resulted in decreased concentrations of FHCs in groundwater. Comparison of the groundwater sample analytical results from the August 2004 and November 2004 sampling events show that of the 19 wells sampled, FHCs concentrations decreased in 11 wells, increased in four wells, and remained below detection limits in four wells.

Groundwater draw-down in nearby monitoring wells indicated that the effective radius of influence of the extraction wells for groundwater extraction appeared to be at least 35 ft and was limited to the A-sand aquifer. Relatively small decreases in water levels were observed over 100 ft from the extraction wells. The radius of influence for vapor extraction, estimated by The Geoservices Group based on their August 2002 DPE Pilot Test using a vacuum of 50 to 80 inches H₂O, was approximately 100 ft. The unit vacuum on the HVDPE system was approximately 15 inches Hg or about 200 inches H₂O. Based on groundwater sample analytical results, it does not appear that HVDPE has influenced the migration of offsite groundwater plumes onto the site.

January 2005 and March 2005 Water Well Destructions

Water Well W-7

Under permit issued by the Sonoma County Permit and Resource Management Department, EC&A personnel directed the destruction of W-7. On January 26, 2005, Weeks Drilling & Pump removed an obstruction at approximately twenty-one feet. Once the obstruction was removed, the depth of the well appeared to be 44 ft. While attempting to perforate the well casing, it was discovered that the well had originally been drilled at an angle, making it impossible for the hydraulic perforator to reach the bottom of the well. Only the top 5 ft of the well casing could be perforated causing the concrete to break away from the top 1 ft to 2 ft of the casing. Using the hydraulic lift from the drill rig, an attempt was made to completely remove the well casing using a clamp and cable; the attempt was unsuccessful. With the approval of the NCRWQCB, EC&A directed Weeks to destroy W-7 by over-drilling the well casing because the well depth appeared to be relatively shallow. Weeks used a truck-mounted drill rig equipped with 10-inch outside diameter hollow-stem augers to over-drill the well.

On January 27, 2005, Weeks drilled to a depth of 63 ft and pulled the well casing. The casing was 62.6 ft long and screened from 25 ft to 62.6 ft. Based on the appearance of the casing and the absence of a well pack, the well was likely installed with a cable tool.

On January 28, 2005, the bottom of the boring was measured at 51-ft due to sloughing. Water was blasted into the bore hole to a depth of 55 ft using a tremie pipe. Neat cement was then

used to blast the tremie pipe to a depth of 60 ft. Thirty-five bags of neat cement were used to grout the well hole to grade.

Water Well W-4 Destruction

On March 18, 2005, under permit issued by the Sonoma County Permit and Resource Management Department, Weeks Drilling & Pump abandoned W-4 by perforating the bottom 65 ft of pvc in this 170 ft deep well, and pumping it full of neat cement from the bottom to the top.

A figure showing the location of both W-7 and the replacement well W-4, as well as copies of the well destruction permits and Well Abandonment Reports are in Appendix D.

Ozone Remediation System

An ozone injection system consisting of 10 injection wells SP-1 through SP-7, SP-9, SP-10 and SP-11 and an ozone generator panel was installed at the site and started in April 2006 (Figure 2). Boring logs for the injection wells are in Appendix A. The panel, manufactured by Kerfoot Technologies, was equipped with a 2 grams per hour (g/hr) ozone generator, a ¾-hp compressor, and an oxygen concentrator capable of delivering up to 4 g/hr of ozone at a dry air flow rate of 5 liters per minute.

The ozone remediation system operated from April 2006 to September 2009 when it was shut down at the responsible party's request. The system was restarted in May 2011. A replacement Kerfoot remediation panel (which included a new clock) was installed on January 11, 2012. The system operated until June 2015, when it was shut down with the approval of NCRWQCB.

Ozone Injection Program

The system was turned off on June 17, 2015 with the approval of the NCRWQCB. At that time, five out of the ten injection wells were programmed to inject ozone and oxygen to the treatment area. System O&M visits through June 17, 2015, are presented in Table 16. Ozone system injection well run times and pressures were last recorded on May 5, 2015, and are presented below.

Injection Well ID	Manifold Pressure (PSI)	Injection Run Times	Valve Status
SP-1	22	60 minutes	on
SP-2	36	60 minutes	on
SP-3	---	---	off
SP-4	40	60 minutes	on
SP-5	26	60 minutes	on
SP-6	---	---	off
SP-7	---	---	off
SP-9	47	60 minutes	on
SP-10	---	---	off
SP-11	---	---	off

Ozone Injection Mass

The ozone system clock on the original ozone generator panel had run for 9167 hrs before the panel was replaced in January 2012. The run time for the replacement panel was 13,645 hrs when it was shut down on June 17, 2015 resulting in a total run time for both panels of 22,812 hrs. When operating, the system was programmed to run for approximately 13 hrs per/day with a total lag time (rest cycle of 140 minutes). Based on an ozone delivery rate of approximately 6 grams (0.0132 lb)s per hour, the system injected approximately 136,872 grams (302 lbs) of ozone into groundwater during its operation at the site.

February 2008 Notice of Intent for the Injection of Ozone to Groundwater

In a letter dated May 4, 2007, the NCRWQCB informed EC&A that the Board had adopted *General Waste Discharge Requirements (WDR) Order Number R1-2006-0107 for the Addition of Chemical Oxidants to Soils and/or Groundwater*.

On February 22, 2008, EC&A submitted a *Notice of Intent for the Injection of Ozone To Groundwater (NOI)* to the NCRWQCB in response to the WDR Order Number R1-2006-0107. The NOI and attachments including the *Application/Report of Waste Discharge* were intended to fulfill the NCRWQCB's requirements for a waste discharge permit for operation of the ozone injection system at the site. The NOI also contained detailed information and specifications of the ozone generation and delivery system. The NOI was approved by the NCRWQCB in a letter dated July 28, 2008. The NOI was rescinded on June 17, 2015 when the ozone system was shutdown.

August 2012 HVDPE Radius of Influence Evaluation

In their March 26, 2012, letter, the NCRWQCB requested that prior to conducting a new HVDPE event, EC&A should review the radius of influence (ROI) data generated during TGG's August 2002 dual-phase extraction (DPE) pilot test conducted at the site to evaluate the potential of a HVDPE event to draw the FHCs plume in groundwater originating at the Hulsman Transportation site toward the site. In addition to reviewing data from the DPE pilot test, EC&A reviewed data from the 46-day HVDPE event conducted at the site in September and October 2004. This report is presented as EC&A's August 2, 2012, *HVDPE Radius of Influence Evaluation*.

The TGG step draw-down test on well DPE-1 indicated a pumping ROI extended at least 12.5 ft to vapor extraction well VE-1, but was less than the 30 ft distance to well B-3. The effective ROI for vapor extraction estimated by TGG was approximately 15 ft. TGG concluded in their report that DPE would be feasible for the remediation of soil above and within the shallow aquifer, and for remediation of groundwater in the shallow aquifer. TGG also reported that during winter months, high pumping rates may be required to achieve drawdown sufficient to expose FHCs impacted soil, and that consideration should be given to the potential affect that groundwater extraction could have on off-site contaminant plumes.

Groundwater draw-down in nearby monitoring wells during the 2004 HVDPE event indicates that the effective ROI of the extraction wells for groundwater extraction appears to be at least 35 ft and was limited to the A-sand aquifer. Based on groundwater sample analytical results, it

does not appear that the 2004 HVDPE event influenced the migration of offsite groundwater plumes onto the site. Due to the need to conserve funds and the estimated high cost of an HVDPE event, EC&A decided not to conduct an additional HVDPE event.

Decommissioning of Injection Wells SP-1 & SP-4

On December 15, 2015, EC&A requested permission from the NCRWQCB to decommission two out-of-service injection wells (SP-1 & SP-4) at the site because it was likely that these injection wells penetrated and partially plugged up a storm drain when they were installed. During periods of heavy rainfall the partially plugged storm drain could cause flooding in the parking area of the Citgo station, 7-11 and PC Club Computer facilities. On December 18, 2016, EC&A received an email from the NCRWQCB concurring with decommissioning the two injection wells by pressure grouting them through the well casing.

On January 18, 2016, Clear Heart Drilling of Santa Rosa, California decommissioned SP-1 (20 feet bgs) and SP-4 (40 feet bgs) by removing all the injection fittings connected to the well, pouring cement grout into the well and pressure-grouting by applying 25 psi for 5 minutes with a compressor. A "blow out" of grout occurred at both wells due to the limited capacity of the 0.75 inch diameter PVC. No soil or water was generated during decommissioning activities and well boxes and injection fittings were taken to Clear Heart's yard to be disposed of at an appropriate landfill. Both borings were topped off with 0.5 ft of sand and then black-dyed concrete to match surrounding grade. Injection well boring logs for SP-1 and SP-4 and field notes from decommissioning activities are included in Appendix (D).

3.0 SENSITIVE RECEPTORS SURVEY

Water Supply Wells

During previous site investigations (EC&A, 2005), seven water-supply wells, identified as W-1 through W-7 were identified as being located onsite or nearby. Another water supply well designated DW-325 is located on the east side of the Hulsman Transportation property. Wells W-1 through W-3, W-5 and W-6 were destroyed under permit in March and April of 2000. W-7 was abandoned in January 2005, and W-4, in March 2005. Reportedly, DW-325 is no longer in use, and a sample collected from this well in February 2016 was ND for FHCs.

A comprehensive SRS has not been performed for the site, however an SRS with a 1000 ft search radius was conducted by SCS Engineers in March 2012 for Malm Fireplace, located at 368 Yolanda Avenue approximately 500 ft east of the site, as part of the investigation and clean-up of a release of HVOCs at this property. Water wells identified by SCS are shown on Figure 3 and Table 1 (Appendix E). The water wells identified at 372 Yolanda Avenue in Santa Rosa were destroyed in October 2013. Documentation for the destruction of the water wells at this property is provided in EC&A's December 27, 2013 *372 Yolanda Avenue Domestic Well Decommissioning Report, Malm Fireplaces, Inc., 368 Yolanda Avenue, Santa Rosa*.

Based on the SCS SRS, EC&A's investigations at the site and at Malm Fireplace, the only remaining confirmed water supply well is DW-325, 350 ft northeast of the site. The status of

the water wells east of the site shown on SCS Figure 3 at 368, 386, 400 and 455 Yolanda Avenue is unknown.

The SCS SRS reported that the City of Santa Rosa supplies drinking water and sewer services to site and area businesses, and there are no hospitals, schools, or day-care centers within ½ mile of the 368 Yolanda Avenue.

Nearby Businesses & Residences

An active Citgo fueling service station and associated 7-11 convenience store, and PC Club Computers are located onsite. Land use near the site is primarily commercial; however, there are three residences to the east of the site.

Underground Utilities

The locations of underground utilities at the site are shown on Figure 2. Based on information obtained from the City of Santa Rosa Public Works, a 12" PVC water main, and a sanitary sewer trunk line (PVC) run underneath Santa Rosa Avenue at undetermined burial depths. The sanitary sewer trunk lines run underneath both the east and west sides of Santa Rosa Avenue, and the 12" water line runs underneath the western side. A 15" PVC trunk sanitary sewer line; a 10" asbestos cement pipe sanitary sewer line; and a 12" PVC water line run underneath Yolanda Avenue. Also, an 8" lateral water line runs off of the 12" line in Yolanda Avenue and enters the site, as indicated on Figure 2. A Pacific Gas & Electric (PG&E) natural gas line runs along the middle to southern side of Yolanda Avenue at an indeterminate depth and PG&E electric lines and AT&T phone lines run underneath the onsite sidewalk. A 30" City of Santa Rosa storm drain is present underneath Santa Rosa Avenue approximately 14 feet west of the sidewalk.

4.0 HYDROGEOLOGY

The site is located at an elevation of 140 ft above MSL on the southwest side of the alluvial fan of Santa Rosa Creek. At its closest approach, Santa Rosa Creek is 1.5 miles to the north. The fan surface slopes southwest at a gradient of 20 ft per mile in the site vicinity. The closest drainage is an ephemeral creek that drains the north end of Taylor Mountain, which comes within about 1600 ft of the site to the north.

Site maps depicting groundwater elevations on 16 September 2014 are presented in Figure 5 (shallow groundwater) and Figure 6 (B Sand). Geologic cross sections are presented in Figures 7 through 13; the locations of the cross sections are shown on Figure 7; Figure 14 is the legend for the Unified Soil Classification System (USCS) symbols. In recent years, the seasonal fluctuation of the top of groundwater generally has ranged from about 8 ft to 16 ft bgs (Table 14).

Groundwater Velocity

Based on the estimated hydraulic conductivity and porosity values for sandy gravel, the average rate of groundwater movement downgradient from the UST location can be estimated from the following formula (Freeze and Cherry, 1979):

$$V = \frac{(K)(I)}{n}$$

where: V = Average linear velocity
K = Hydraulic conductivity (~10 meter/day for sandy gravel)
I = Regional hydraulic gradient (0.007)
n = Effective porosity (0.35 for sandy gravel)

Site conditions: $V = \frac{(10 \text{ meter/day})(0.007 \text{ meter/meter})}{0.35} = 0.2 \text{ meter/day} = 73 \text{ meters/year}$

Soil

Four water-producing zones (A-sand, B-sand, C-sand and D-sand aquifers) and three aquitards (A-B Aquitard, B-C Aquitard and C-D Aquitard) separating the aquifers have been identified by EC&A based on exploratory soil boring logs, well boring logs and CPT logs. Table 1A presents well-construction details and EC&A's interpretation of the aquifer in which the wells are screened. Within each aquifer, the older well screens were generally not consistently placed across the entire water-bearing zone.

A-sand Aquifer

Beneath the investigated area, the A-sand is a continuous sand and gravel layer, ranging from about 5-ft thick in well B-6 (Figure 12) to about 20-ft thick in numerous wells and soil borings. Where water-saturated, this layer is referred to as the A-sand aquifer.

The A-sand is gravelly in its lower part in many borings. The bottom contact varies from 13 ft bgs (well B-10, Figure 8) to 30 to 32 ft bgs (SP-10, CPT-1, B-37D and SP-6, Figure 13). The A-sand is thickest on the east side of the site where it appears to be channeled into the underlying aquitard unit (the A-B aquitard). Flowing sands, which are indicative of high transmissivity, were found in SP-10 and B-33 near the eastern site property line. To the north near the 316 Yolanda Avenue parcel, many of the older wells terminated at 25 ft bgs within the A-sand (e.g. B-4, B-8, B-15, B-16, B-17 and B-18). In B-37D, a continuous sequence of sandy gravel and gravelly sand was encountered from 3 ft bgs to 32 ft bgs.

A persistent south-flowing stream channel appears to have been present beneath the east side of the site, and the deposits of this channel have high hydraulic conductivity in most locations. The lower part of this channel in B-37D appears to be equivalent to the B-sand layer elsewhere on the site (Figure 13).

In the south-central and western parts of the site, the A-sand is thinner, has more inter-granular clay than on the eastern side (e.g. CH/SB-1, CH/SB-2, SB-1, B-1, B-6, B-10, B-23, B-31, B-32), and is locally split by clay interbeds (SB-2, B-24, B-31 and B-32). These observations indicate that the A-sand is significantly less transmissive in the central and western portions of the site than on the eastern side. In the area over-excavated in 1998, the A-sand was entirely removed (Figure 3).

A-B Aquitard

The A-B aquitard is largely clay and silty to sandy clay with some interbeds of silt and clayey silt. Because the maximum depth to the bottom of the A-sand (32 ft bgs) is deeper than the minimum

depth of the top of the B-sand (27 ft bgs), the A-B aquitard layer is absent in some areas (e.g. near B-37D and probably SP-6).

In August 2004, the potentiometric surface in B-35D and B36D was several feet lower than the water table, indicating that the B-sand in these wells is hydraulically isolated from the A-sand aquifer (Figures 12 and 13). Offsite to the northeast, the potentiometric surface in MW-3 has been consistently lower than A-sand water-table elevations in nearby wells, indicating that the A- and B-sands are separate aquifers in this part of the study area.

In SP-6 and B-37D, the A-B aquitard appears to be absent, or else is less than 3 ft thick. Nearby in CPT-1, the A-B aquitard is about 1 ft thick (Figure 13).

B-sand Aquifer

The B-sand was encountered at approximately 28 ft bgs in B-7; 27 ft bgs in B-11 and B-12; 30 ft bgs in SB-1; 31 ft bgs in EC-1; and 32 ft bgs in MW-3 and CPT-1 (Figures 8, 9 and 13). In CPT-2, there are thin sandy beds at 31 ft bgs and 37 ft bgs that may be splays of the B-sand. In SB-1, the B-sand consists of A-sandy clayey gravel that extends from 30 ft bgs to total depth (TD) at 38.5 ft bgs, which is the depth of the top of the C-sand in LF-1. The sand bed encountered at about 34 ft bgs in SP-2, B-36D, SP-4 and B-35D appears to be the B-sand (Figure 9).

The B-sand was absent (or less than 3 ft thick and not sampled) in SB-2, SP-3 and LF-1 (Figures 9 and 12).

B-C Aquitard

The B-C aquitard, which separates the B and C-sands, is mostly clay, silty to sandy clay, and silt where it was observed in SP-3, B-36D, SP-4, LF-1, EC-1, B-37D and MW-3. The B-C aquitard appears to be absent, or very thin, in SB-1 and B-35D (Figures 8, 9 and 13).

C-sand Aquifer

The C-sand occurs from 40 ft to 47 ft bgs in LF-1, where it is a silty sand and silty gravel (SM and GM; Figures 8 and 9). In EC-1, the C-sand was encountered from 43 ft to 53 ft bgs, and consists of sand with silt and clay that overlies sandy gravel with clay (Figure 8). The well B-35D boring bottomed in gravelly sand at 41.5 ft bgs that appears to be the C-sand (Figure 9). Boring SB-1 bottomed in sandy gravel at 38.5 ft bgs that appears to be the C-sand (Figure 8).

Comparison of the boring log of EC-1 with the log of CPT-1, located 10 ft to the south (Figure 7), indicates that identification of sand and gravel beds in the CPT borings is ambiguous for the deeper portions of the CPT logs (Figures 11 and 13). There are beds interpreted to be “sandy silt to clayey silt” and “very stiff fine grained” in CPT-1 (from 42 ft bgs to 57.5 ft bgs) and CPT-2 (from 42 ft bgs to 49.5 ft bgs) that appear to be part of the C-sand (Appendix A).

In August 2004, the potentiometric surface in B-37D was about 3 ft lower than the A-sand water table (Figures 10 and 11). In 2001, a downward vertical hydraulic gradient between the A-sand and the C-sand was present in the vicinity of LF-1 (Figures 8 and 9). The potentiometric surface

in LF-1 typically was several feet lower than the values measured in nearby A-sand wells B-8 and B-3, both of which were about 20 ft from well LF-1 (Figure 7; Table 3).

D-sand Aquifer

The D-sand was present in EC-1 from 61 ft to TD (64 ft); from 61 ft bgs to TD (67.5 ft) in CPT-1; and from 62 ft bgs to TD (63.7 ft) in CPT-2. The bottom of the sand was not reached in any of these borings due to tool refusal (Figures 11 and 13). No other borings have penetrated to the depth of the D-sand. In EC-1, the D-sand was a medium grained sand with silt.

The pore pressure curves in CPT-1 and in most of CPT-2 indicate low permeability for the C-sand and D-sand units (Appendix A).

Groundwater

In the past, groundwater flow directions have been variable and appear to have been influenced by groundwater extraction from nearby wells.

On September 16, 2014, the last monitoring event conducted at the site, EC&A measured DTW below the top of well casing (TOC) in B-19, B-25, B-28, B-30, B-31, B-35D, B-36D, B-37D, DPE-1, EW-3 and EW-6. DTW was measured to the nearest 0.01 foot (ft) with a water-level meter which was cleaned and rinsed prior to taking measurements in each well. DTW measurements were recorded after the well caps were removed and groundwater in the wells was allowed to equilibrate for a minimum of 15 minutes. On September 16, 2014, EGS measured DTW in Hulsman Transportation wells B-15, B-16, B-17, B-27, MW-3s and MW-3d.

DTW in shallow wells B-15, B-16, B-17, B-19, B-25, B-27, B-28, B-30, B-31, DPE-1, EW-3, EW-6 and MW-3s ranged from 7.70 (B-30) to 13.33 ft (MW-3s). The shallow groundwater flow direction and gradient in the vicinity of the former UST, using groundwater elevations from the shallow monitoring wells, were S03°W and approximately 0.02 ft/ft, respectively (Figure 5). DTW in deep monitoring wells B-35D, B-36D, B-37D and MW-3d was 13.93 ft, 11.28 ft, 12.00 ft, and 13.72 ft, respectively. The B-sand groundwater flow direction and gradient to the east of the site, using groundwater elevations from monitoring wells B-35D, B-36D, B-37D and MW-3d, were S58°W and approximately 0.007 ft/ft, respectively (Figure 6).

Groundwater in the A-sand aquifer is unconfined. Historically, on-site DTW in the A-sand has ranged from 15.4 ft bgs (B-4, November 1998) to 6.07 ft bgs (B-29, August 2004, Table 14).

The B- and C-sand aquifers are hydraulically isolated from the A-sand aquifer, based on the downward vertical hydraulic gradients observed in MW-3s/3d, LF-1, B-35D, B-36D and B-37D.

5.0 ASSESSMENT OF FHCs CONTAMINATED SOIL & GROUNDWATER

Site Contaminants of Concern

Review of the analytical results from soil and groundwater samples collected from site wells indicate that the Contaminants of Concern (COCs) at the site are TPHg, MTBE and BTEX constituents.

Soil

Analytical results from soil samples collected during the removal of the UST in 1982 are not available. Apparently, soil samples were not collected for laboratory analysis when monitoring wells B-1 through B-19 were installed at the site by L-F. Soil sample results from subsequent soil boring and monitoring wells are presented in Table 3, over-excavation soil sample results are in Table 9. Figures 15 and 16 are isoconcentration contour maps of benzene and ethylbenzene in shallow soil (5 ft to 12 ft bgs).

Analytical results for the over-excavation samples and soil boring samples indicate that the bulk of the FHCs impacts to soil are below 15 ft bgs (Table 3 and Figure 4).

Low Threat Closure Policy

For site closure under the *Low Threat Closure Policy* (LTCP), soil concentrations of benzene, ethylbenzene and naphthalene must be considered. Analyses for poly-aromatic hydrocarbons (PAHs) are not needed for the subject site because motor oil impacts are not present.

For a Commercial/Industrial site, the maximum concentrations of benzene are 8.2 mg/kg for 5 ft bgs samples, and 12 mg/kg for 5 to 10 ft bgs samples. The maximum concentrations of ethylbenzene are 89 mg/kg for 5 ft bgs samples, and 134 mg/kg for 5 to 10 ft bgs samples (California State Water Board *Low-Threat Underground Storage Tank Case Closure Policy*, November 6, 2012,).

Analysis for naphthalene also is required, but has not been done on samples from the subject site. However, the California State Water Board's June 30, 2011, *Technical Justification for Low Threat Closure Scenarios for Petroleum Vapor Intrusion Pathway* states the following (page 4):

- "Naphthalene is currently considered a carcinogen via the inhalation exposure route and since it is also volatile, it can be considered a potential risk driver. The exclusion criteria defined for benzene are assumed to be conservative for naphthalene, which is also highly susceptible to biodegradation. Naphthalene also has a much lower solubility value and Henry's Law coefficient (compared to benzene), thereby limiting the amount of naphthalene available to volatilize into the gas phase. For these reasons, the screening criteria described here, while developed for benzene, should also be protective of naphthalene vapor intrusion."

The maximum residual concentration of benzene in shallow site soil is 0.30 mg/kg, which is less than five percent of the Commercial/Industrial screening levels for benzene. Since the exclusion

criteria defined for benzene are assumed to be conservative for naphthalene, naphthalene impacts to site soils, if any, are not likely to exceed screening levels for naphthalene.

Extent of Remaining FHCs in Shallow Soil

Of the numerous soil borings advanced at the site, in the area outside the 1998 over-excavations, benzene and ethylbenzene were reported from only one shallow soil sample (5 ft to 12 ft bgs): SB-3-10.5' at 0.30 mg/kg and 2.2 mg/kg, respectively. Soil boring soil sample analytical results are presented Table 3.

Based on observation of soil conditions, field screening, and the analytical results from soil samples collected from excavated areas EX-1 and EX-2, benzene and ethylbenzene-contaminated shallow soil in the vicinity of the former UST was removed, except for two areas:

North of EX-1 adjacent to Yolanda Avenue in the vicinity of SB-3 where 0.30 mg/kg benzene and 2.2 mg/kg ethylbenzene were detected at 10.5 ft bgs (Figures 15 and 16). Further excavation in this area was prevented by the proximity of Yolanda Avenue.

Relatively low concentrations of benzene were detected in three shallow soil samples from around the southwest corner of EX-2: 0.008 mg/kg in EX-22-11.5'; 0.13 mg/kg in EX-25-11.5'; and 0.84 mg/kg in EX-27-11.5' (Figure 15). Ethylbenzene also was detected in two of these samples: 0.18 mg/kg in EX-25-11.5' and 2.1 mg/kg in EX-27-11.5' (Figure 16).

Groundwater

Prior to soil excavation in 1998, the highest reported concentrations of FHCs in on-site groundwater wells were from monitoring well B-9, which had 0.04 ft of free product in April 1997.

Groundwater sample results are presented in Appendix B (Levine-Fricke) and Tables 5, 6, 7 and 8. Figures 17 and 18 are isoconcentration maps of TPHg and benzene detected in monitoring wells on September 16, 2014. Figures 19 and 20 show analytical results for B-Sand and C-Sand groundwater, respectively.

Below is a breakdown of site COCs and Water Quality Objectives (WQO) for the site, and historical high concentrations detected in groundwater from upgradient-offsite and onsite wells.

Constituent	Proposed Cleanup Level	Highest Upgradient Level (µg/l)	Highest Upgradient Level in 2013-2014 (µg/l)	Highest Onsite Level (µg/l)	Highest Onsite Level in 2013-2014 (µg/l)
TPHg	50 µg/l	220,000 (B-8)	6600 (MW-3S)	220,000 (B-8)	22,000 (DPE-1)
Benzene	0.5 µg/l	15,000 (B-8)	400 (MW-3S)	15,000 (B-8)	3300 (DPE-1)
MTBE	5.0 µg/l	2600 (MW-3)	17 (B-27)	1100 (B-4)	6.4 (B-37D)
TBA	5.0 µg/l	56 (B-7)	ND<60 (B-27)	150 (EW-3)	30 (EW-3)

The results of analyses of groundwater samples from numerous sampling events conducted at the site, including the most recent, are presented in Tables 5, 6, 7 and 8.

Shallow Groundwater Quality

The most highly impacted shallow groundwater monitoring wells at the site are EW-6, DPE-1, B-30 and EW-3. Concentrations of COC in the other shallow wells have been ND or below regulatory agency levels of concern for at least several sample events. From March to September 2014, TPHg and benzene concentrations increased in B-30, EW-3 and DPE-1, and decreased EW-6.

Deep Groundwater Quality

Except for benzene at 1.9 µg/l in B-35D in August 2004, TPHg and BTEX have not been detected in B-35D and B-36D. These wells were last sampled in 2012. Until the March 2012 sample event, TPHg and benzene have been reported in all sampling events in B-37D. Since March 2012, benzene has been detected once: 0.53 µg/l in March 2013; TPHg concentrations in B-37D have ranged from ND<50 µg/l to 78 µg/l (March 2014).

1,2-DCA had been reported in most sampling events in B-35D at concentrations ranging from 1.2 µg/l to 17 µg/l; however, B-35D has been ND<0.5 µg/l for 1,2-DCA since March 2009. In B-36D, 1,2-DCA has been detected at concentrations ranging from 0.58 µg/l to 26 µg/l; however, B-36D has been ND<0.5 µg/l for 1,2-DCA since March 2009. In B-37D, 1,2-DCA has been detected at concentrations ranging from 9.9 µg/l (March 2012) to 28 µg/l (September 2006); 1,2-DCA was detected at 11 µg/l in September 2014.

MTBE has been detected in B-37D during all but three events; detections have ranged from 1.2 µg/l to 6.8 µg/l.

TBA has been detected in B-37D during all but three events. Since October 2011, TBA concentrations have ranged from ND<2.0 to 30 µg/l.

D-Sand Aquifer: In September 2001, D-Sand grab-groundwater samples CPT-1-65' and CPT-2-62' were ND for all analytes (Table 2). These samples were taken from a depth equivalent to the top of the sand pack in domestic well W-4 and the bottom of the well screen in well W-7, which was at 62 ft bgs.

Exponential Regression-Trend Analysis

Exponential regression-trend graphs were prepared for TPHg concentrations in DPE-1 (Graph A), and B-30, EW-3 and EW-6 (Graph B); for benzene concentrations in DPE-1 (Graph C) and B-30, EW-3 and EW-6 (Graph D); TPHg and benzene concentrations in B-37D (Graph E); and, MTBE, TBA and 1,2-DCA concentrations in B-37D (Graph F).

Regression trend analysis is performed to provide estimates on when concentrations of a specific COC will decline to levels acceptable for site closure. Slope and goodness of fit (R^2) for a specific chemical determine whether the regression curve provides useful data. Generally, R^2 values at or above 0.500 demonstrate moderate to good correlation of data to best-fit regression curves indicating that the regression curves provide useful data.

The table below presents the R² values for wells and COC listed above.

Well ID	TPHg	Benzene	MTBE	TBA	1,2-DCA
DPE-1	R ² = 0.0894	R ² = 0.0318	---	---	---
EW-3	R ² = 0.0124	R ² = 0.0623	---	---	---
EW-6	R ² = 0.1033	R ² = 0.1216	---	---	---
B-30	R ² = 0.0233	R ² = 0.0437	---	---	---
B-37D	R ² = 0.3330	R ² = 0.4959	Increasing Trend	R ² = 0.0504	R ² = 0.0749

Although R² values, except for benzene in B-37D, are poor for the COC listed in the table above, regression trend analysis for TPHg and benzene concentrations in EW-6, DPE-1, B-30, EW-3, and B-37D (Graphs A through E) indicate that there are gradual overall decreasing trends in TPHg and benzene concentrations in these wells.

As indicated on Graph F, there is an increasing trend in MTBE concentrations in B-37D. However, MTBE concentrations in B-37d have not exceeded 6.8 µg/l.

As indicated on Graph F, there is a slight decreasing trend in TBA concentrations in B-37D. As indicated on Graph F, there is a slight decreasing trend in 1,2-DCA concentrations in B-37D.

Lateral and Vertical FHCs Plume Definition

Data from groundwater sample events and soil and groundwater investigations performed at the site indicate that substantial impacts by FHCs are present in the A-sand aquifer, and that minor impacts are present in the B-sand and C-sand aquifers. FHCs were not detected in grab-groundwater samples from the D-sand aquifer.

In September 2014, two TPHg and benzene plumes were evident. Smaller TPHg and benzene plumes derived from Hulsman Transpiration were centered on well B-27, whereas the plumes derived from the subject site extended west from DPE-1 through the over-excavated area; they are constrained to the southwest by ND results from abandoned wells B-1, B-2, B-20 and B-23, which were last sampled in March 1995, April 1999, September 2001, and September 2001, respectively. The TPHg and benzene plumes on the site and the Hulsman plumes are separated by ND results in B-15, B-16, B-17 (benzene only) and B-19 (Figures 17 and 18).

As depicted on Figures 17 and 18, respectively, the TPHg and benzene plumes in shallow groundwater originating from the release at the site are constrained in all directions. The lengths of the TPHg and benzene plumes in shallow groundwater are approximately 290 ft and 320 ft, respectively

Commingled Plume

A substantial portion of the FHCs in the A-sand aquifer (shallow groundwater) in the northeast corner of the site and beneath the adjacent property at 316 Yolanda Avenue probably originated from the former UST at Hulsman Transportation. Most of the FHCs reported in the B-sand aquifer in the northeast corner of the site and beneath the adjacent property at 316 Yolanda Avenue probably originated from Hulsman Transportation due to cross contamination by the well MW-3, which was screened across the A-B Aquitard. Typically, the northeast portion of the site

has been downgradient from the former UST location at Hulsman Transportation. In September 2014, there was a high water table at well B-27 at Hulsman Transportation.

6.0 LOW-THREAT CLOSURE POLICY EVALUATION

Criteria for Low-Threat Case Closure

The following criteria have been identified by the State Water Resources Control Board to identify sites for closure where it would be difficult and not cost effective to remove the remaining residual mass of petroleum hydrocarbons.

General Criteria

General criteria that must be satisfied by all candidate sites are listed as follows:

- a. The unauthorized release is located within the service area of a public water system;
- b. The unauthorized release consists only of petroleum;
- c. The unauthorized (“primary”) release from the UST system has been stopped;
- d. Free product has been removed to the maximum extent practicable;
- e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed;
- f. Secondary source has been removed to the extent practicable;
- g. Soil or groundwater has been tested for methyl tert-butyl ether (MTBE) and results reported in accordance with Health and Safety Code section 25296.15; and
- h. Nuisance as defined by Water Code section 13050 does not exist at the site.

The following general criteria have been satisfied for the subject site:

- a: The Sonoma County Water Agency provides potable water to the site and vicinity.
- b: The unauthorized release consists only of petroleum and fuel oxygenates.
- c: USTs and associated piping were removed in September 1997.
- d: A free-phase product system operated at the site from March 1993 to June 1989.
- e: A Conceptual Site Model is included as part of this Report.
- f: Approximately 9470 cubic yards (cu yds) of soil was excavated and removed in August-September 1998. An HVDPE event was conducted in September-October 2004 that removed approximately 2813 pounds of FHCs. An ozone injection system became operational in April 2006 and was turned off in June 2015.
- g: MTBE has been detected in most of the wells in the past, but was present at a maximum concentration of only 5.9 µg/l in 2013-2014 (MW-37D).
- h: Nuisance as defined by Water Code section 13050 does not exist at the site. The benzene, MTBE and TBA plume does not extend offsite. Consequently, vapors and odors will not interfere with the comfortable enjoyment of life or property, and will not inflict annoyance or damage on the neighboring community.

Media-Specific Criteria

Candidate sites must satisfy all three of the media-specific criteria as described below.

1. Groundwater

Site-specific conditions appear to satisfy almost all of the characteristics and criteria of the LTCP, Groundwater-Specific Criteria Section (4) (page 6).

The portions of the TPHg and benzene plumes that exceed water quality objectives are less than 1000 ft long (Figures 17 and 18).

There is no free product at the site.

MTBE and/or TBA were only sporadically detected in a few wells (B-30, B-35D, B-37D, and EW-3) in 2013-2014.

No active water wells have been identified in the near vicinity of the site. The closest drainage is an ephemeral creek that drains the north end of Taylor Mountain and comes within about 1600 ft of the site to the north.

The dissolved concentration of benzene is less than 1000 $\mu\text{g/l}$, and the dissolved concentration of MTBE is less than 1000 $\mu\text{g/l}$.

Maximum benzene concentrations reported in 2013-2014 were less than 1000 $\mu\text{g/l}$ in all wells except for DPE-1, which had concentrations ranging from 640 $\mu\text{g/l}$ to 3300 $\mu\text{g/l}$ (September 2014). The average benzene concentration for DPE-1 in 2013-2014 was 1585 $\mu\text{g/l}$ for four events.

The maximum MTBE concentration reported in 2013-2014 was 6.4 $\mu\text{g/l}$ (MW-37D).

2. Petroleum Vapor Intrusion to Indoor Air

The northwest corner of the site is occupied by an active gas station/7-11 business; compliance with petroleum vapor intrusion criteria to indoor air in this facility is not required. There should not be a vapor intrusion concern beneath any of the onsite buildings because as depicted on Figures 15, 16, and 18, respectively, benzene and/or ethylbenzene impacted soil has not been detected beneath any onsite buildings and the benzene plume in shallow groundwater is confined to the area north of the 7-11 Store and PC Club Computers stores.

Shallow benzene and/or ethylbenzene impacted soil has not been detected near the residence at 316 Yolanda Avenue. As depicted on Figure 18, the benzene plume in shallow groundwater appears to extend beneath the northwest portion of the residence at 316 Yolanda Avenue. However, the contours near and beneath the residence were drawn using analytical data collected from ozone injection well SP-10 in October 2004. Using only recent analytical data from monitoring wells B-22 and B-28, the closest ones to the residence, the benzene plume in shallow groundwater doesn't extend offsite beneath the residence. B-22 and B-28 have been ND<0.50 $\mu\text{g/l}$ for benzene for five and three sample events, respectively. Additionally, because the residence is cross-gradient from the former UST at the site, it would not be expected that the benzene plume in shallow groundwater would migrate beneath the residence in the future.

There is only one data point for TPH in shallow soil near the residence. In May 2000, TPHg was not detected in soil samples collected from B-22 at 5.5 ft bgs and from 10.5 ft bgs. If benzene impacted groundwater does extend beneath the northwest portion of the residence, benzene concentrations in groundwater are well below 100 µg/l, and there appears to be a bioattenuation zone threat that satisfies Appendix 3, Scenario 3 of the LTCP vapor intrusion to indoor air criteria.

3. Direct Contact and Outdoor Air Exposure

Maximum historic concentrations of benzene do not exceed the Commercial/Industrial criteria for soil between 0 ft and 5 ft bgs (8.2 mg/kg) and for 5 ft to 10 ft bgs (12 mg/kg). The highest benzene concentration detected to date in shallow soil is 0.30 mg/kg (sample SB-3-10.5, Tables 3 and 9).

Maximum historic concentrations of ethylbenzene do not exceed the Commercial/Industrial criteria for soil between 0 ft and 5 ft bgs (89 mg/kg) and for 5 ft to 10 ft bgs (134 mg/kg). The highest ethylbenzene concentration detected to date in shallow soil is 2.2 mg/kg (sample SB-3-10.5, Tables 3 and 9).

Analysis for PAHs (poly-aromatic hydrocarbons) and naphthalene has not been performed on soil or groundwater samples collected from the site. PAH analysis is not needed because impacts by motor oil have not been identified.

The site is an active fueling service station with an asphalt/concrete surface. Construction workers at such sites are required to have training (i.e. HAZWOPER) to properly manage exposure. Since the site is currently an operating service station, the governing regulatory oversight agencies consider petroleum vapors from onsite fueling activities to be a greater health risk than those associated with exposure to vapors from historic petroleum releases. As such, this exposure pathway is appropriately mitigated.

Data Gaps

Analysis for naphthalene has not been done for groundwater samples. However, because the maximum residual concentration of benzene in shallow site soil (0.30 mg/kg) is a very small percentage of the Commercial/Industrial limit, naphthalene impacts are not likely to be a significant impediment to site closure.

Groundwater sampling has not been conducted at the site since September 16, 2014. On this date, only benzene concentrations in DPE-1 exceeded LTCP groundwater-specific criteria. It is expected that the TPHg and benzene concentrations in the most impacted wells, DPE-1, B-30, EW-3 and EW-6, would have decreased since then because the ozone remediation system was not turned off until June 2015, and although the R² values are poor for regression trend analysis for TPHg and benzene concentrations in these wells, there are decreasing concentration trends for TPHg and benzene.

A comparison of the TPHg and benzene results in DPE-1, B-30, EW-3 and EW-6 in March 2009, prior to the shutdown of the ozone system from September 2009 to May 2011, with those from

the October 2011 sample event, shows that TPHg and benzene concentrations decreased substantially in DPE-1 and EW-3, increased substantially in B-30 and increased moderately in EW-6. From October 2011 to September 2014, TPHg and benzene concentrations in DPE-1 increased to concentrations similar to those of March 2009, increased in B-30, decreased in EW-3 and were similar in EW-6. These concentration trends suggest that a significant rebound in FHC concentrations after the ozone system was turned off in June 2015 is not likely.

A comprehensive SRS has not been conducted for the site, however, a comprehensive SRS was conducted by SCS Engineers in March 2012, which identified water wells within a 1000 ft of the site, except for west of the site. SCS's SRS searched for water wells approximately 600 ft west of the site.

Unmet Criteria

Benzene is present in well DPE-1 at concentrations exceeding 1000 µg/l. However, the area of the benzene plume exceeding 1000 µg/l is limited to roughly 1530 square feet, with a maximum length of 65 ft and a maximum width 30 ft.

Water well DW-325 located on the east side of the Hulsman Transportation property is approximately 350 ft up-groundwater-gradient (northeast) from the site. Reportedly, it is no longer in use, and a sample collected in February 2016 was ND for all analytes.

CONCLUSIONS

It is EC&A's professional opinion that the site meets LTCP criteria for site closure and that the two unmet LTCP criteria should not be an impediment to site closure. Although benzene is present in well DPE-1 at concentrations exceeding 1000 µg/l, the area of the benzene plume exceeding 1000 µg/l is limited to roughly 1530 square feet, with a maximum length of 65 ft and a maximum width 30 ft. The benzene plume in groundwater originating from the site has been well defined, is stable, and does not extend beyond the site in the downgradient direction.

The elevated benzene concentrations in the vicinity of DPE-1 should not impact the offsite water-supply well (DW-325) at the Hulsman Transportation property because the groundwater flow direction beneath the site is to the southwest, and DW-325 is approximately 350 ft and up-gradient from the defined benzene plume boundary at the site. DW-325 is reportedly no longer in use, and a sample collected in February 2016 was ND for all analytes. Additionally, this well has not been impacted by release of FHCs from the former USTs at the Hulsman Transportation property, and it is EC&A's understanding that the proximity of DW-325 to the FHC groundwater plume originating from the Hulsman Transportation property is not considered an impediment to site closure for this property.

RECOMMENDATIONS

Based on the results of the LTCP evaluation provided above and our conclusions, EC&A recommends closure for this site.

A Soil and Groundwater Management Plan should be prepared prior to site closure.

LIMITATIONS

The conclusions presented in this report are professional opinions based on the data presented in this report, including data generated by others. Whereas EC&A does not guarantee the accuracy of information supplied by third parties, we reserve the right to use this information in formulating our professional opinions. They are intended only for the indicated purpose and project site. Conclusions and recommendations presented herein apply to site conditions existing at the time of our study. Changes in the conditions of the site property can occur with time because of natural processes or the works of man on the site or adjacent properties. Changes in applicable standards can also occur as the result of legislation or from the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

Thank you for allowing EC&A to provide environmental services for you. Please call if you have any questions.

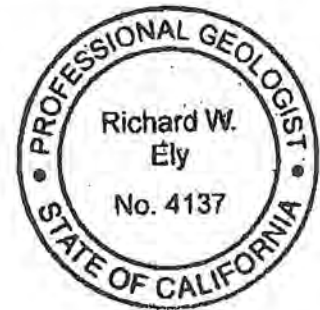
Sincerely,



John Calomiris
Technical Operations Manager



Richard Ely, PG #4137
Senior Geologist



Attachments:

- Figure 1 – Site Location Map
- Figure 2 - Site Plan
- Figure 3 - Over-Excavation Map
- Figure 4 - Over-Excavation Soil Sample Map
- Figure 5 – A-Sand Groundwater Elevation Map: 16 September 2014
- Figure 6 - B-Sand Groundwater Elevation Map: 16 September 2014
- Figure 7 - Site Plan with Cross Section Locations
- Figure 8 - Cross Section A-A'
- Figure 9 - Cross Section B-B'
- Figure 10 - Cross Section C-C'
- Figure 11 - Cross Section D-D'
- Figure 12 - Cross Section E-E'
- Figure 13 - Cross Section F-F'
- Figure 14 - USCS Log Symbols
- Figure 15 - Isoconcentration Map of Benzene in Shallow Soil
- Figure 16 - Isoconcentration Map of Ethylbenzene in Shallow Soil
- Figure 17- Isoconcentration Contour Map of TPHg: 16 September 2014
- Figure 18 - Isoconcentration Contour Map of Benzene: 16 September 2014

Figure 19 - B-Sand Groundwater Analytical Results and TPHg Isoconcentration Map:
16 September 2014

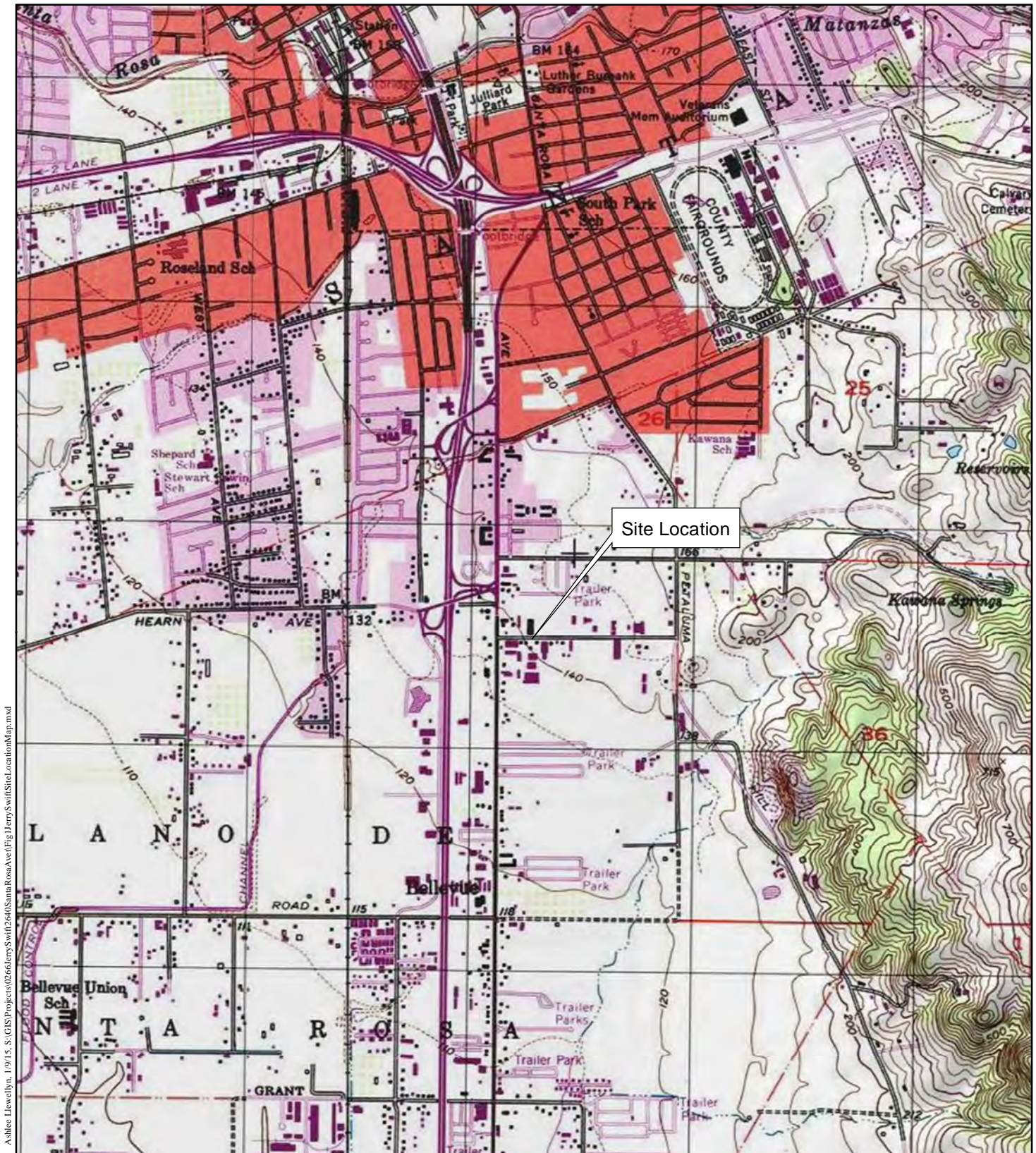
Figure 20 - C-Sand Groundwater Analytical Results: 16 September 2014

Graph A - Exponential Regression Trend Graph: TPHg in Groundwater - DPE-1
Graph B - Exponential Regression Trend Graph: TPHg in Groundwater - B-30, EW-3 & EW-6
Graph C - Exponential Regression Trend Graph: Benzene in Groundwater- DPE-1
Graph D - Benzene Concentrations & Groundwater Elevation vs Time - B-30, EW-3 & EW-6
Graph E - TPHg & Benzene Concentrations & Groundwater Elevation vs Time - B-37D
Graph F - MTBE, TBA, & 1,2-DCA Concentrations & Groundwater Elevation vs Time - B-37D

Table 1A - Monitoring Well & Extraction Well Construction Specifications
Table 1B - Injection Well Construction Specifications
Table 2 - Out-of-Service Domestic Water Supply Wells Analytical Results & Specifications
Table 3 - Analytical Results - Soil Samples
Table 4 - Analytical Results - Grab Groundwater Samples
Table 5 - Analytical Results - Groundwater Samples from Monitoring and Extraction Wells:
TPHg and BTEX
Table 6 - Analytical Results - Groundwater Samples from Monitoring and Extraction Wells:
Fuel Oxygenates and Lead Scavengers
Table 7 - Analytical Results - Groundwater Samples from Monitoring Wells:
Volatile Organic Compounds
Table 8 - Analytical Results - Groundwater Samples from Monitoring Wells:
ORP-Sensitive Chemicals
Table 9 - Analytical Results - Over-excavation Soil Samples - Phase I and Phase II
Table 10 - Analytical Results - Overburden Stockpile Soil Sample - Phase I and Phase II
Table 11 - Analytical Results - Post-aeration Treatment FHC-contaminated Stockpile
Samples Phase I and Phase II
Table 12 - Analytical Results - Excavation Groundwater Samples - August 1998
Table 13 - Analytical Results - Domestic Water Well Samples
Table 14 - Groundwater Level Data
Table 15 - DO, ORP, Temperature and pH Field Measurements
Table 16 - Ozone System Operations and Maintenance Log

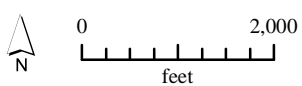
Appendix A - Boring Logs
Appendix B - Levine-Fricke Groundwater Analytical Data
Appendix C - Chlorinated Hydrocarbon Investigation
Appendix D - W-4,W-7, SP-1 and SP-4 Destruction Documentation
Appendix E - SCS Engineers March 28, 2012 SRS Figure 3 and Table 1

cc: Ms. Jo Bentz, NCRWQCB



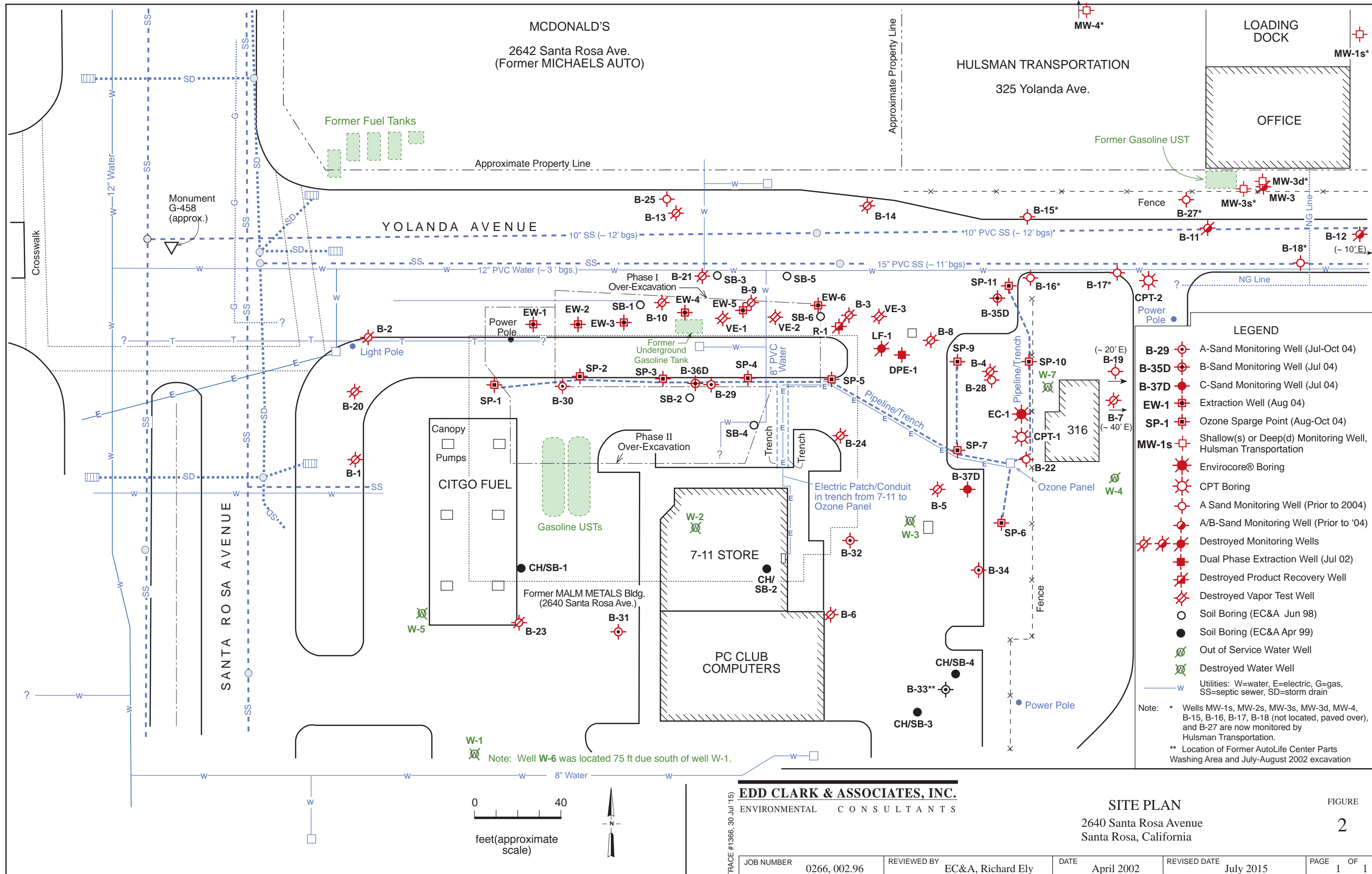
Ashlee Llewellyn, 1/9/15, S:\GIS\Projects\0266\env\swit\2640\Santa Rosa\Ave\Fig 1\env\swit\SiteLocationMap.mxd

 Edd Clark & Associates, Inc.
Environmental Consultants



SITE LOCATION MAP FIGURE 1
2640 Santa Rosa Avenue
Santa Rosa, California

Job Number 0266,002.96	Reviewed By EC&A, RE	Date January 2015	Revised Date
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LEGEND

- B-29 A-Sand Monitoring Well (Jul-Oct 04)
- B-35D B-Sand Monitoring Well (Jul 04)
- B-37D C-Sand Monitoring Well (Jul 04)
- EW-1 Extraction Well (Aug 04)
- SP-1 Ozone Sparge Point (Aug-Oct 04)
- MW-1s Shallow(s) or Deep(d) Monitoring Well, Hulsman Transportation
- Envirocore® Boring
- CPT Boring
- A Sand Monitoring Well (Prior to 2004)
- A/B-Sand Monitoring Well (Prior to '04)
- Destroyed Monitoring Wells
- Dual Phase Extraction Well (Jul 02)
- Destroyed Product Recovery Well
- Destroyed Vapor Test Well
- Soil Boring (EC&A Jun 98)
- Soil Boring (EC&A Apr 99)
- Out of Service Water Well
- Destroyed Water Well
- Utilities: W=water, E=electric, G=gas, SS=septic sewer, SD=storm drain

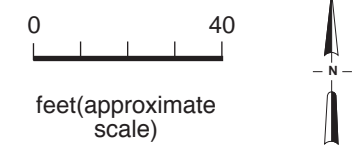
Note: * Wells MW-1s, MW-2s, MW-3s, MW-3d, MW-4, B-15, B-16, B-17, B-18 (not located, paved over), and B-27 are now monitored by Hulsman Transportation.
 ** Location of Former AutoLife Center Parts Washing Area and July-August 2002 excavation

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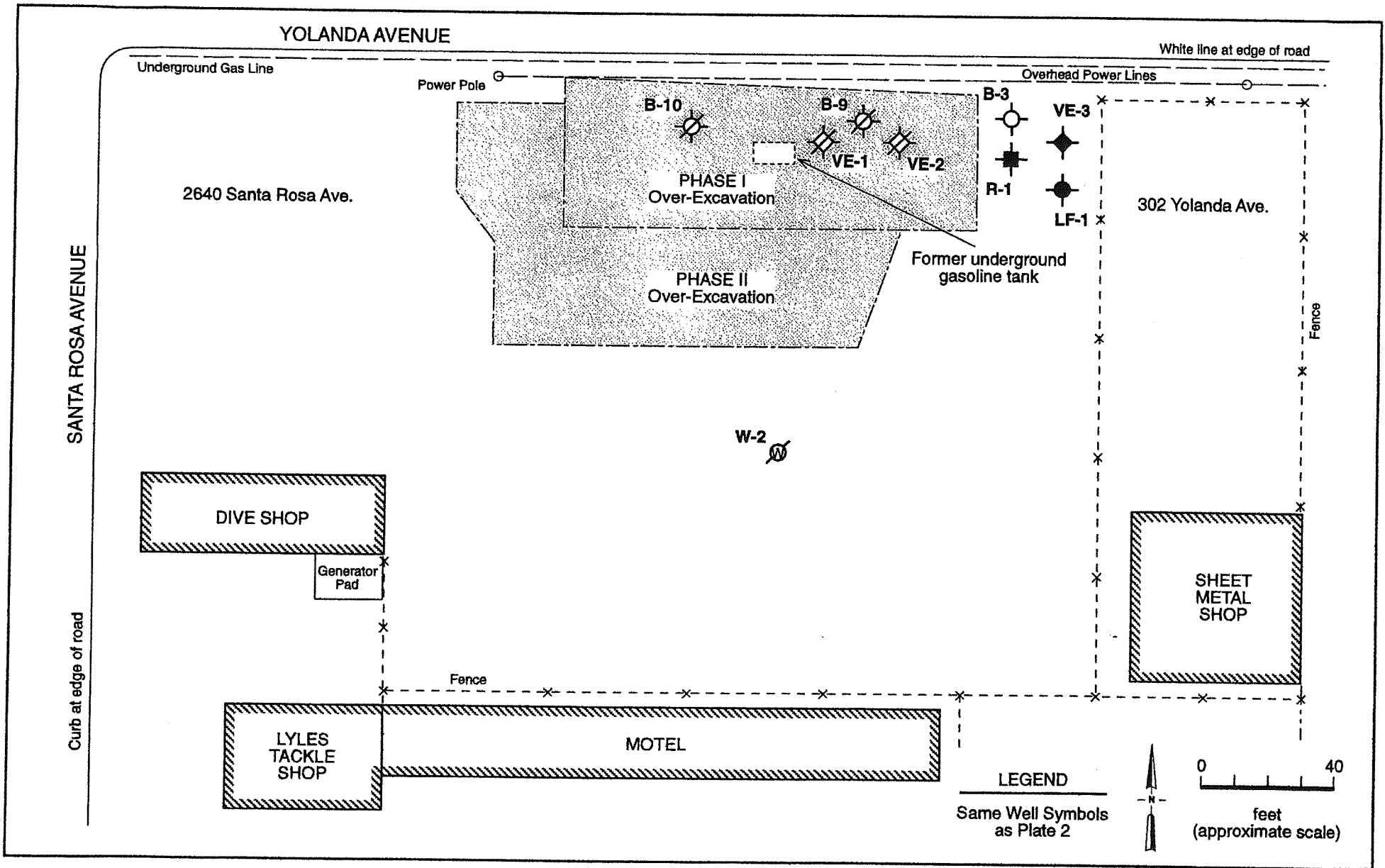
SITE PLAN
 2640 Santa Rosa Avenue
 Santa Rosa, California

FIGURE
2

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Richard Ely	DATE	April 2002	REVISED DATE	July 2015	PAGE	1	OF	1
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Note: Well W-6 was located 75 ft due south of well W-1.

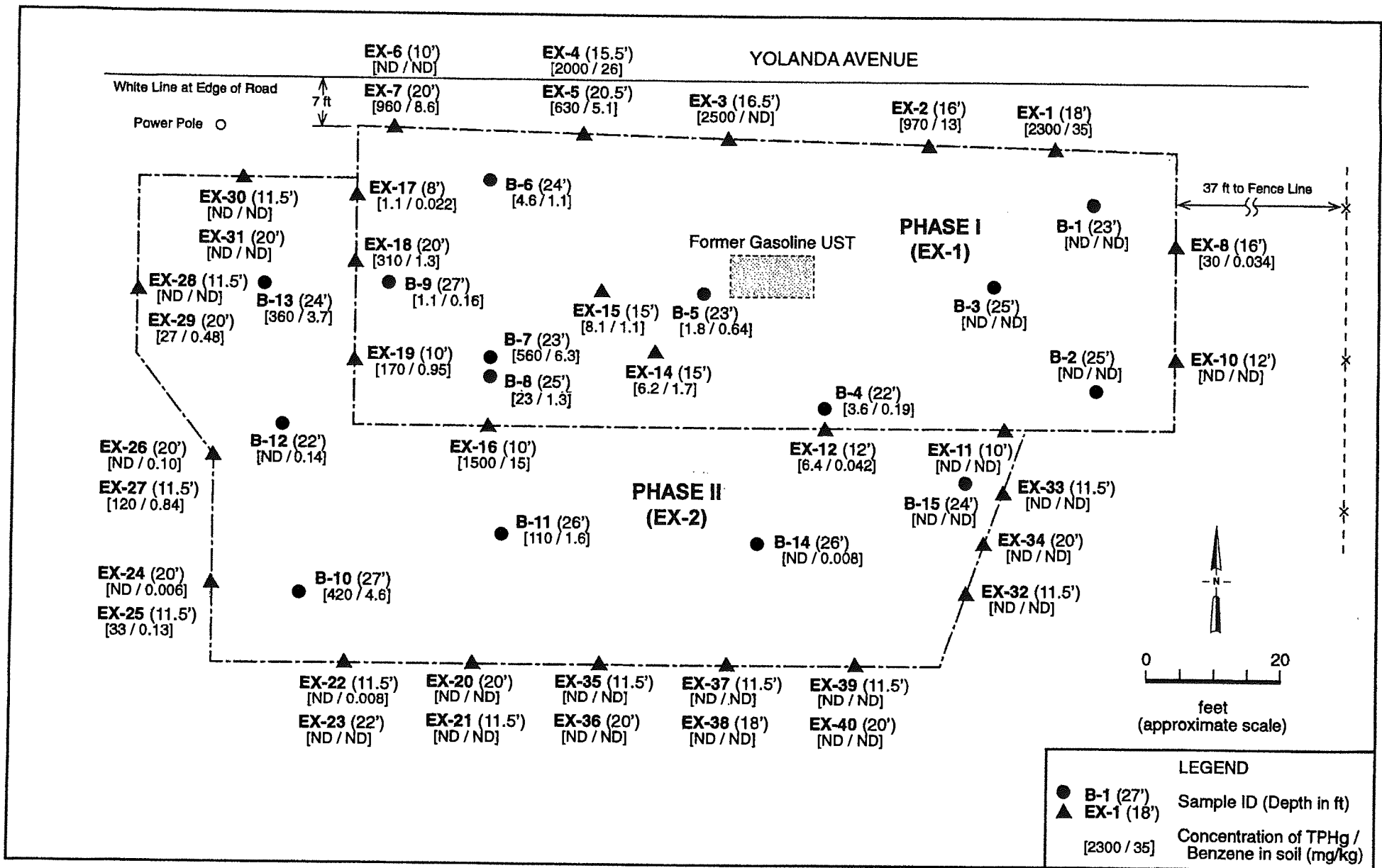


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Over-Excavation Map
 2640 Santa Rosa Avenue
 Santa Rosa, California

FIGURE
 3

JOB NUMBER	0266, 002.96	REVIEWED BY	John Calomiris	DATE	November 1998	REVISED DATE	
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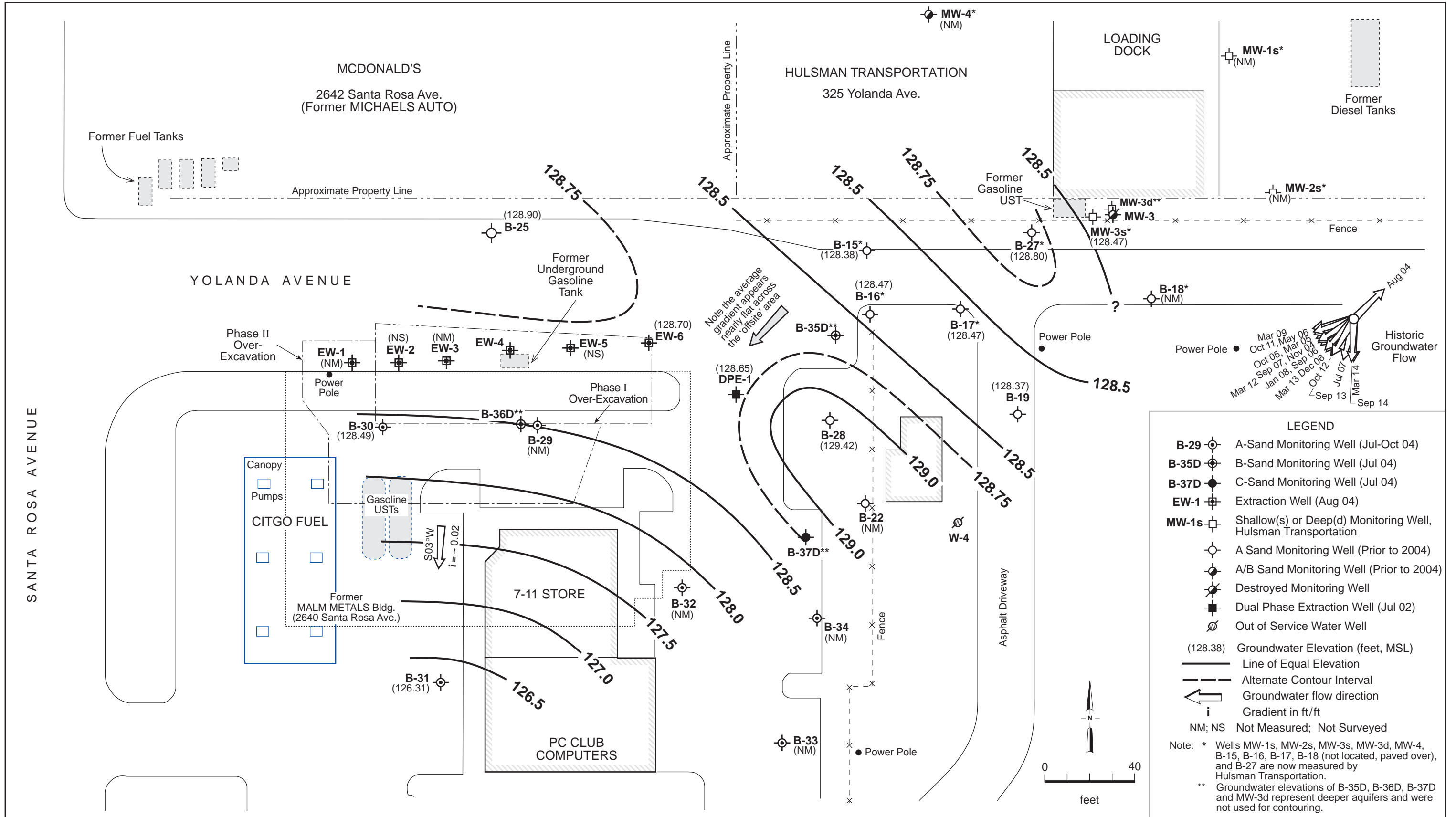


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Over-Excavation Soil Sample Map
2640 Santa Rosa Avenue
Santa Rosa, California

FIGURE
4

JOB NUMBER	0266, 002.96	REVIEWED BY	John Calomiris	DATE	November 1998	REVISED DATE
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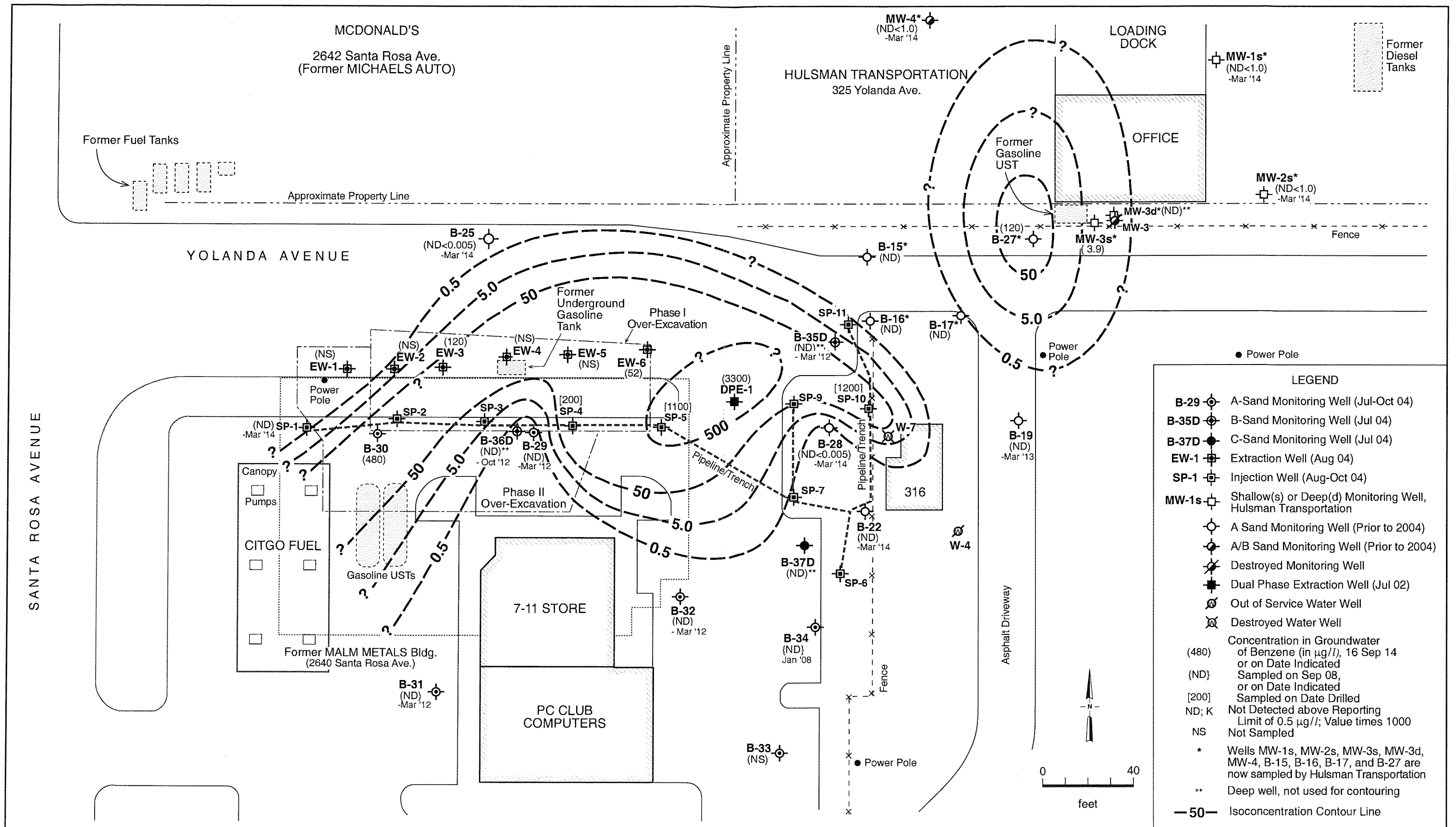


LEGEND

- B-29** (Symbol) A-Sand Monitoring Well (Jul-Oct 04)
- B-35D** (Symbol) B-Sand Monitoring Well (Jul 04)
- B-37D** (Symbol) C-Sand Monitoring Well (Jul 04)
- EW-1** (Symbol) Extraction Well (Aug 04)
- MW-1s** (Symbol) Shallow(s) or Deep(d) Monitoring Well, Hulsmann Transportation
- (Symbol) A Sand Monitoring Well (Prior to 2004)
- (Symbol) A/B Sand Monitoring Well (Prior to 2004)
- (Symbol) Destroyed Monitoring Well
- (Symbol) Dual Phase Extraction Well (Jul 02)
- (Symbol) Out of Service Water Well
- (128.38) Groundwater Elevation (feet, MSL)
- Line of Equal Elevation
- - - Alternate Contour Interval
- ← Groundwater flow direction
- i* Gradient in ft/ft
- NM; NS Not Measured; Not Surveyed

Note: * Wells MW-1s, MW-2s, MW-3s, MW-3d, MW-4, B-15, B-16, B-17, B-18 (not located, paved over), and B-27 are now measured by Hulsmann Transportation.
 ** Groundwater elevations of B-35D, B-36D, B-37D and MW-3d represent deeper aquifers and were not used for contouring.

TRACE#366/RC/09Jan15



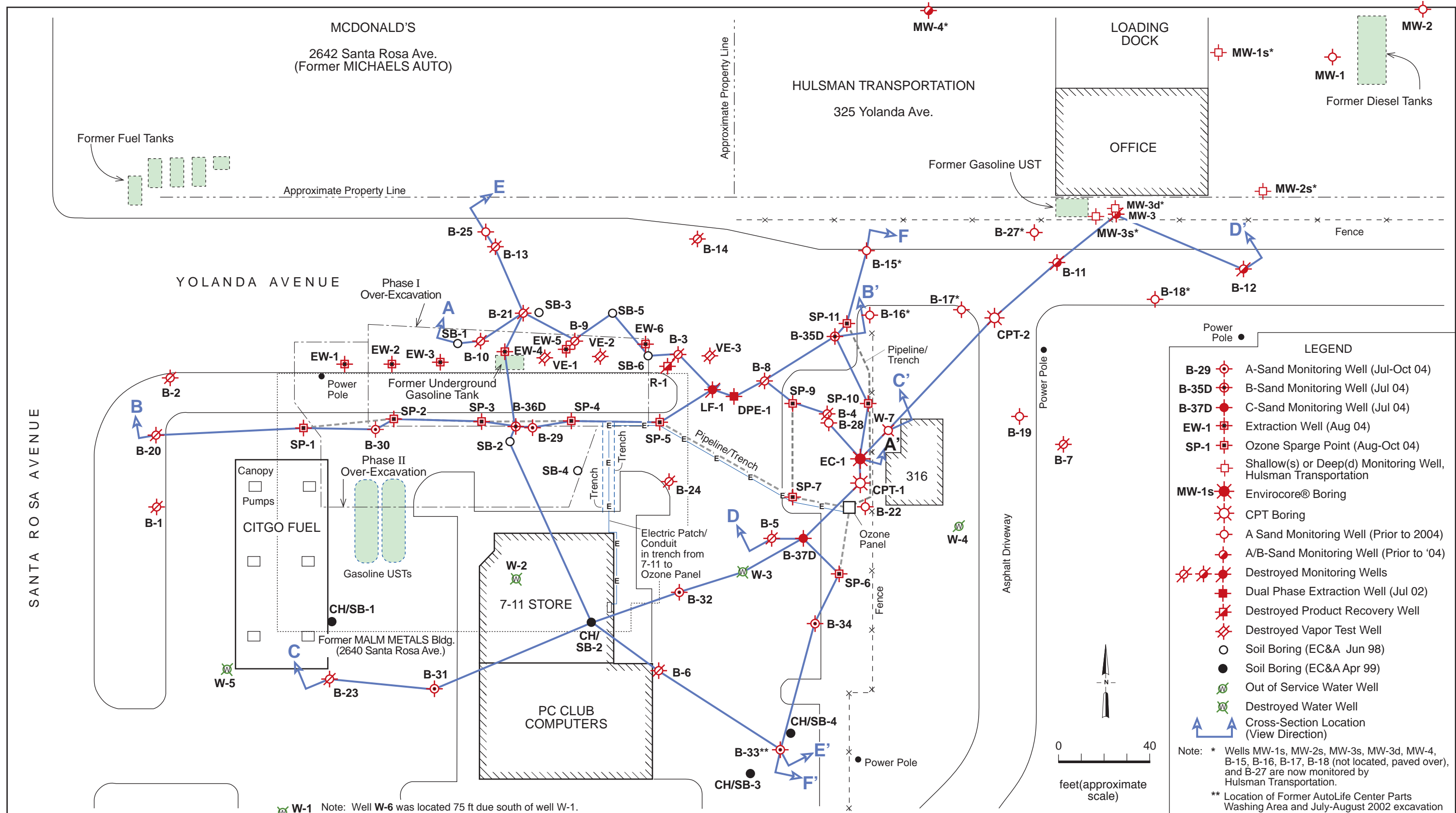
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ISOCONCENTRATION CONTOUR MAP OF BENZENE
 in Groundwater, 16 September 2014
 2640 Santa Rosa Avenue
 Santa Rosa, California

FIGURE
 6

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Ashlee Llewellyn	DATE	April 2002	REVISED DATE	December 2014
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TRACE#368/RG/20Dec14



W-1 Note: Well W-6 was located 75 ft due south of well W-1.

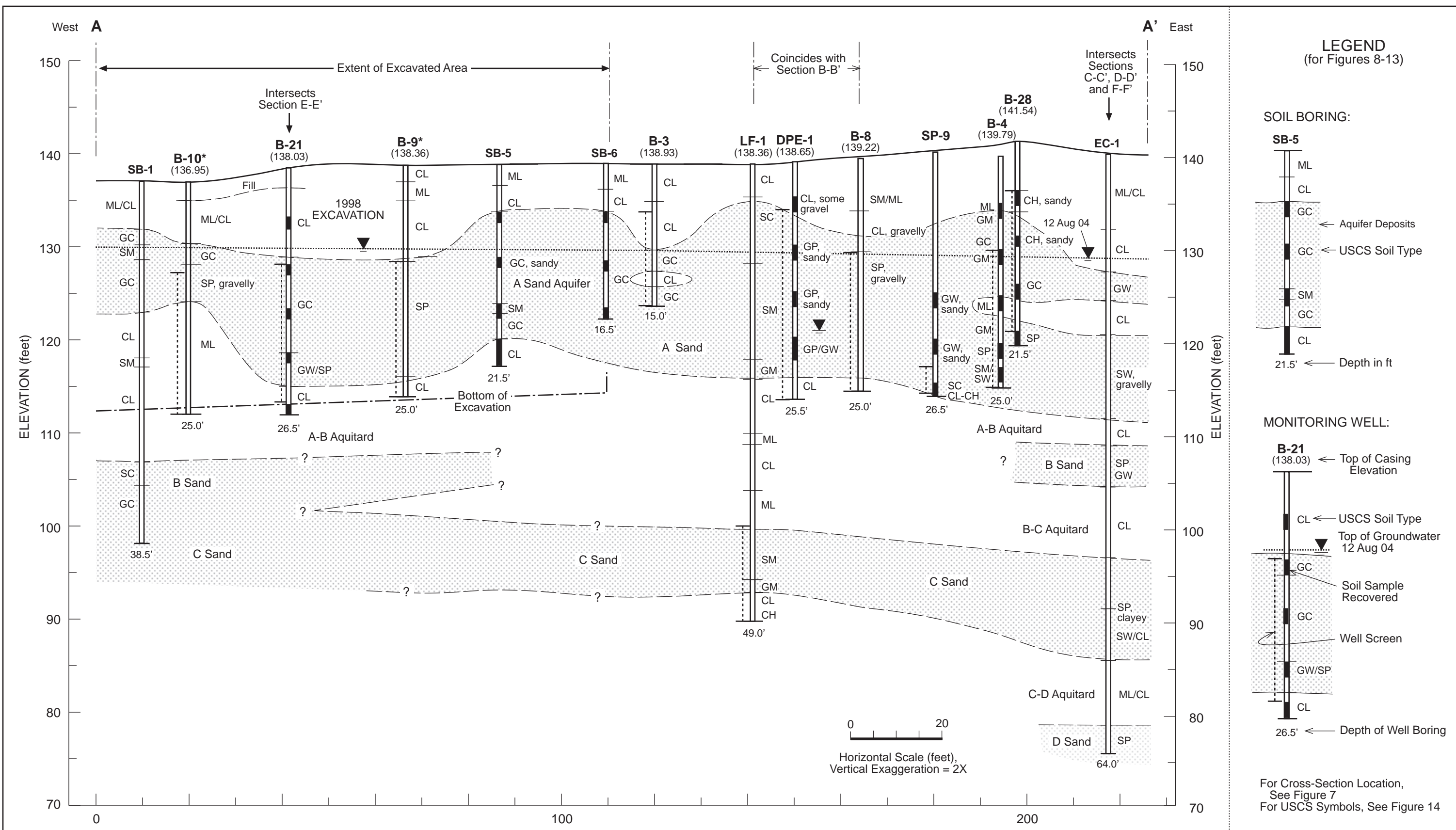
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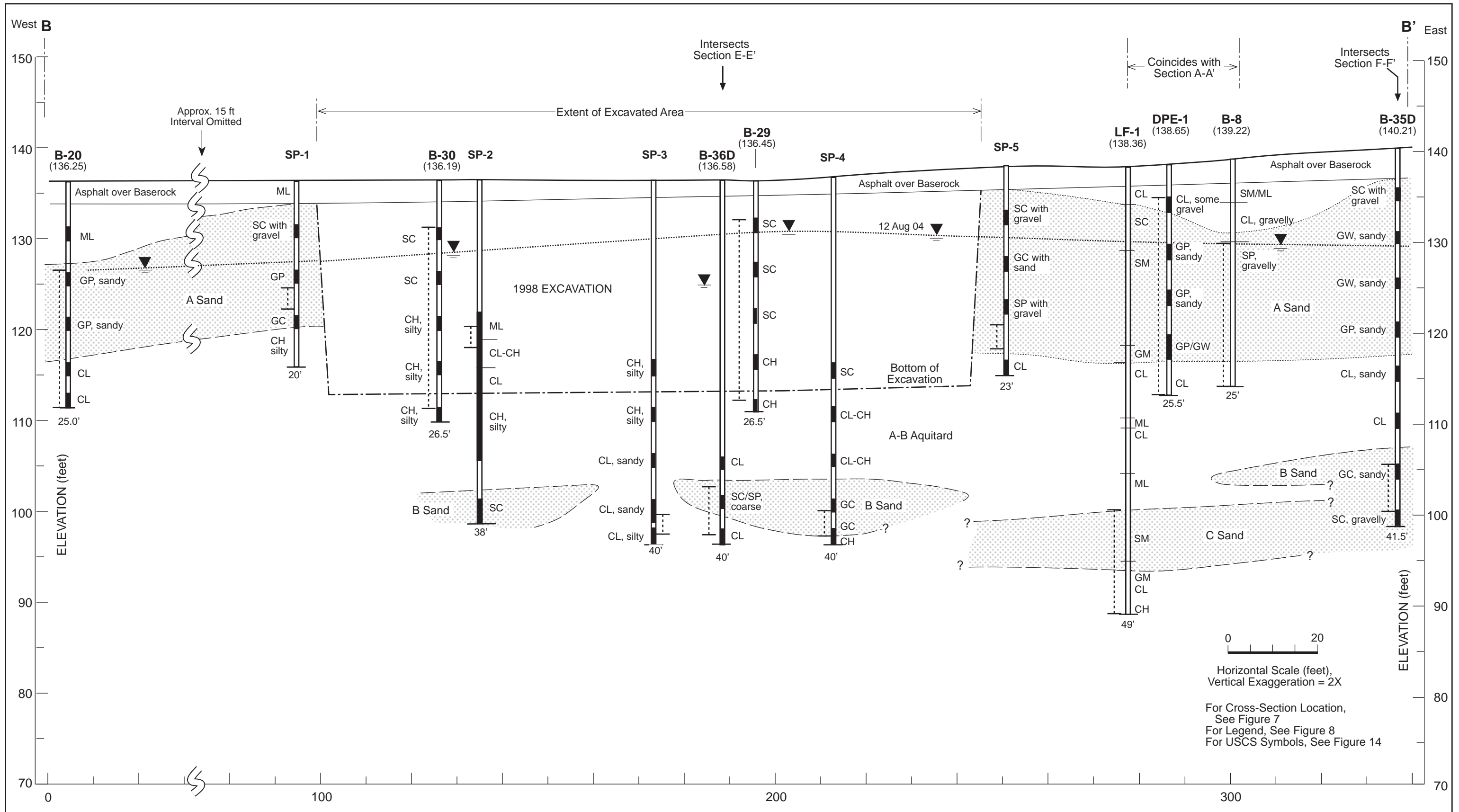
SITE PLAN
 with Cross Section Locations
 2640 Santa Rosa Avenue
 Santa Rosa, California

FIGURE
 7

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Richard Ely	DATE	April 2002	REVISED DATE	July 2015	PAGE	1	OF	1
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TRACE #1366, 06 Aug '15





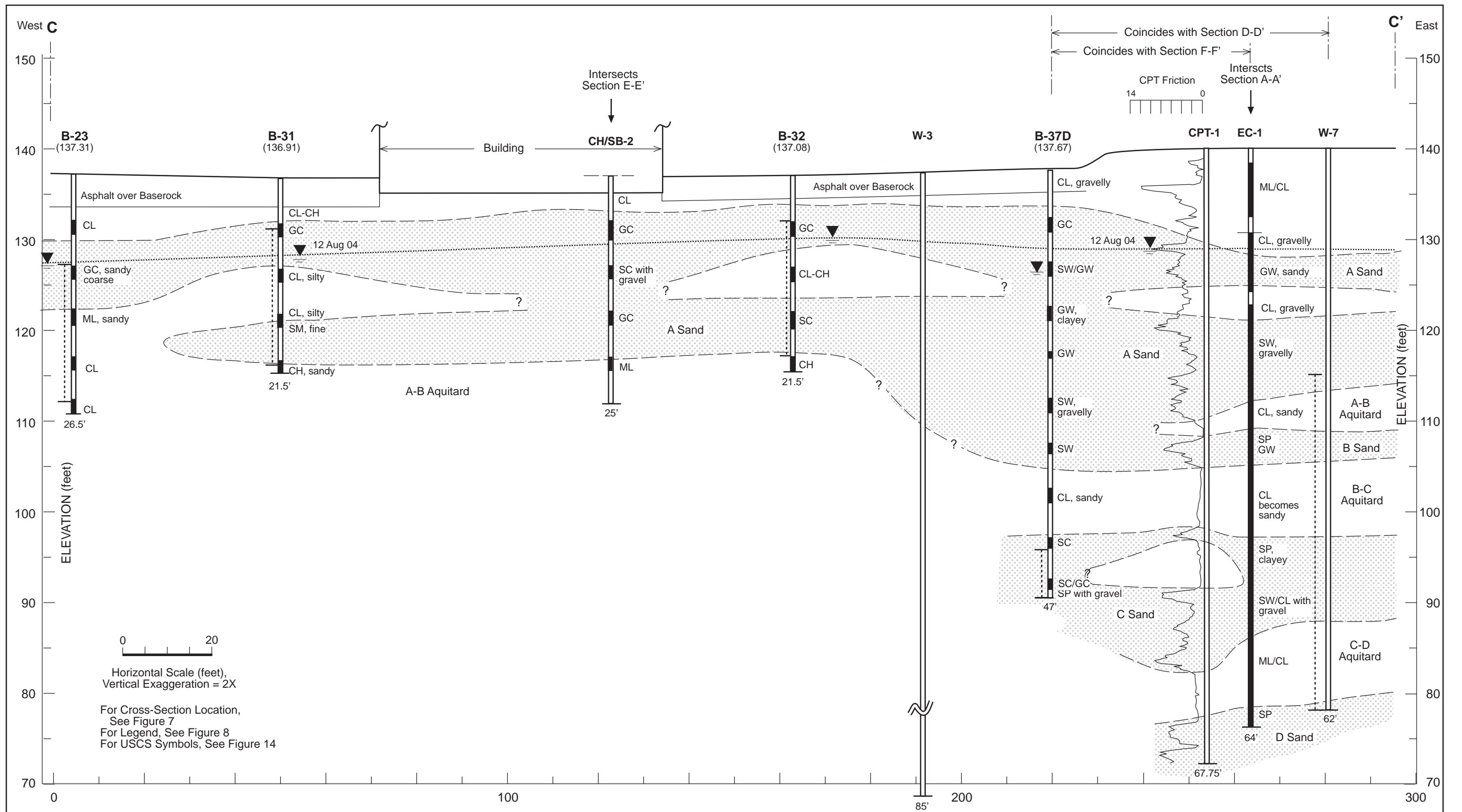
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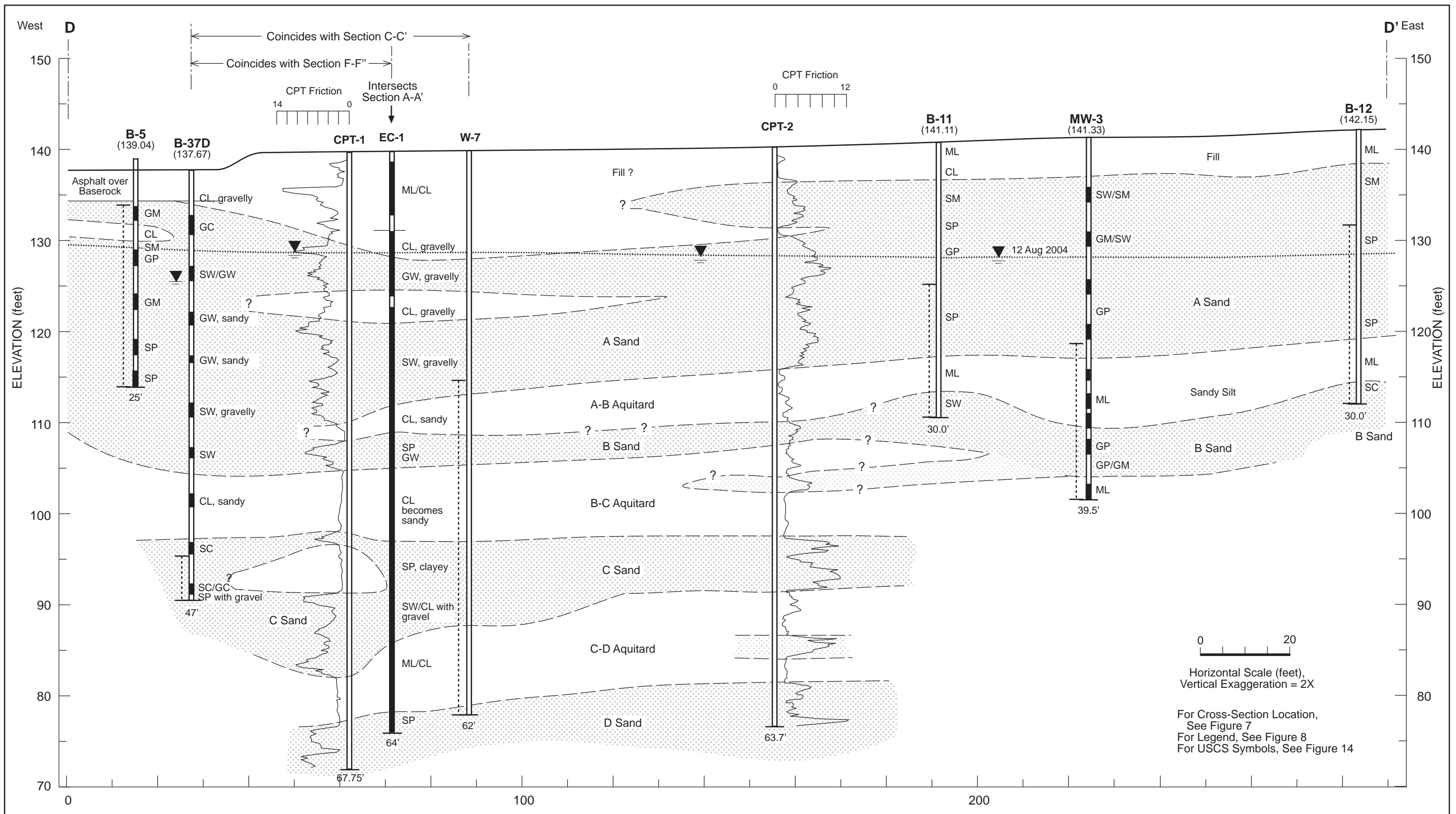
CROSS-SECTION B-B'
 2640 Santa Rosa Avenue
 Santa Rosa, California

FIGURE
 9

JOB NUMBER	0266, 002.96	REVIEWED BY	Richard Ely	DATE	December 2000	REVISED DATE	August 2015
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TRACE#366/RG/06Aug15





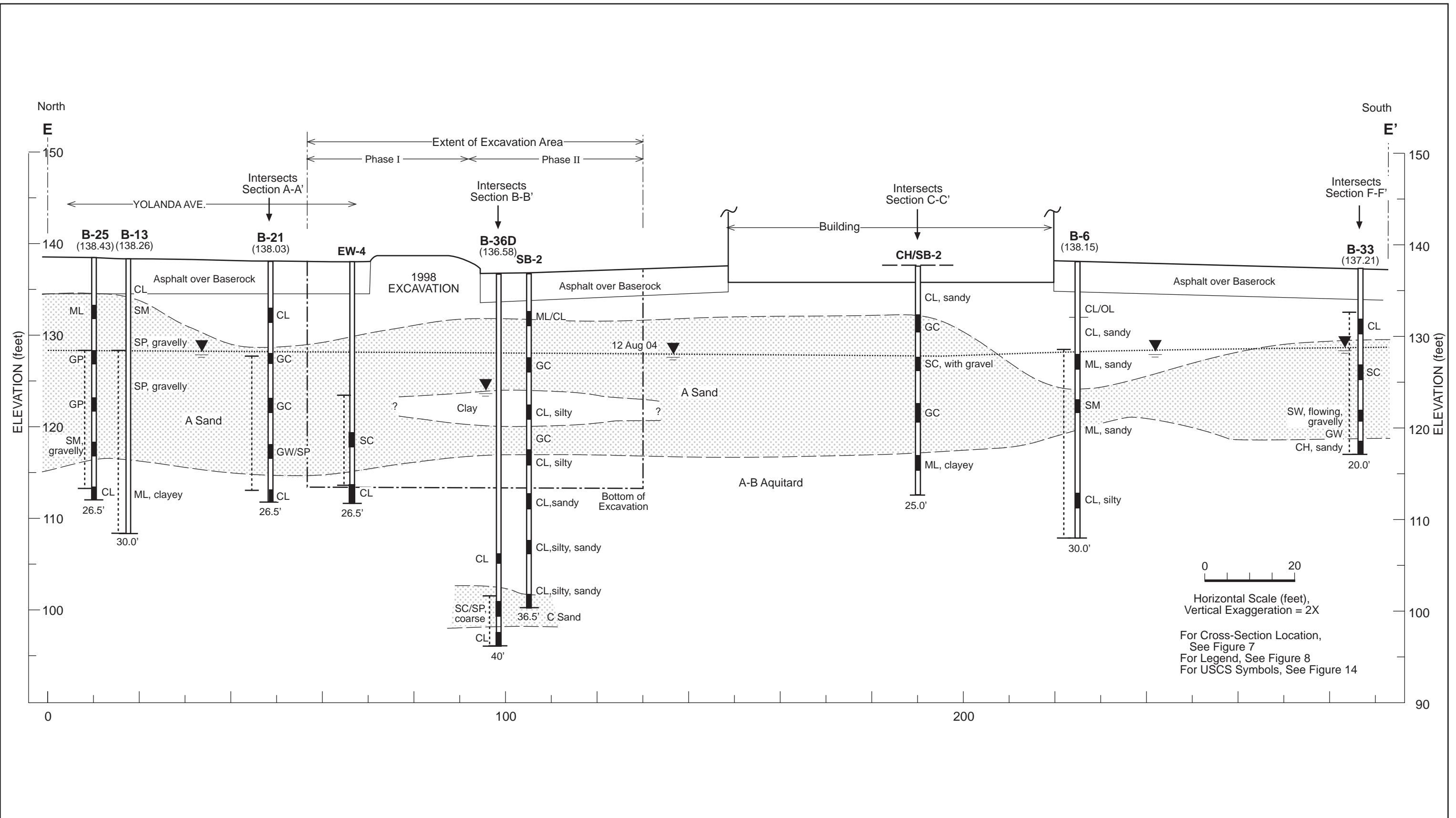
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CROSS-SECTION D-D'
 2640 Santa Rosa Avenue
 Santa Rosa, California

FIGURE
11

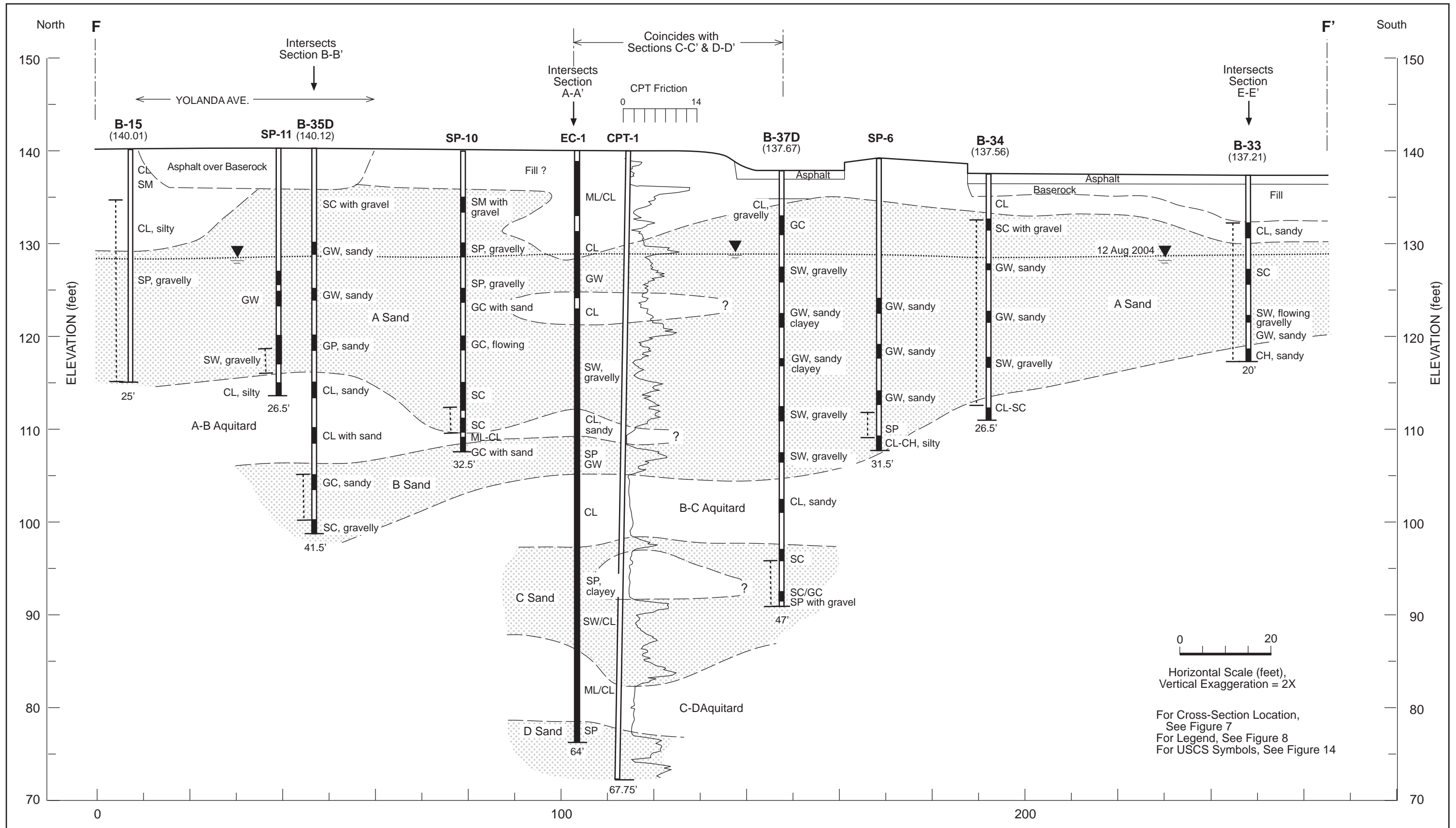
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JOB NUMBER	0266, 002.96	REVIEWED BY	Richard Ely	DATE	December 2000	REVISED DATE	August 2015
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CROSS-SECTION E-E'
2640 Santa Rosa Avenue
Santa Rosa, California



UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			TYPICAL NAMES		
COARSE-GRAINED SOILS MORE THAN HALF IS COARSER THAN NO. 200 SIEVE	GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE SIZE	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW		WELL GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES
		GRAVELS WITH OVER 15% FINES	GP		POORLY GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES
			GM		SILTY GRAVELS, SILTY GRAVELS WITH SAND
			GC		CLAYEY GRAVELS, CLAYEY GRAVELS WITH SAND
	SANDS MORE THAN HALF COARSE FRACTION IS LESS THAN NO. 4 SIEVE SIZE	CLEAN SANDS WITH LITTLE OR NO FINES	SW		WELL GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES
		SANDS WITH OVER 15% FINES	SP		POORLY GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES
			SM		SILTY SANDS WITH OR WITHOUT GRAVEL
			SC		CLAYEY SANDS WITH OR WITHOUT GRAVEL
FINE-GRAINED SOILS MORE THAN HALF IS FINER THAN NO. 200 SIEVE	SILTS AND CLAYS LIQUID LIMIT 50% OR LESS	ML		INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTS WITH SANDS AND GRAVELS	
		CL		INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, CLAYS WITH SANDS AND GRAVELS, LEAN CLAYS	
		OL		ORGANIC SILTS OR CLAYS OF LOW PLASTICITY	
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50%	MH		INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS, FINE SANDY OR SILTY SOILS, ELASTIC SILTS	
		CH		INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS	
		OH		ORGANIC SILTS OR CLAYS OF MEDIUM TO HIGH PLASTICITY	
HIGHLY ORGANIC SOILS		PT		PEAT AND OTHER HIGHLY ORGANIC SOILS	

<ul style="list-style-type: none"> • No Soil Sample Attempted • Sample Observed but Not Retained • No Recovery in Sampler • Sample Submitted for Laboratory Analysis -- ID for Retained Sample = Depth to Top (ft bgs) • Blows/0.5 Foot: Blows Required to Drive Sampler One-half Foot Using Hammer Weight of 140 Pounds Falling 30 Inches • Blows Count as Indicated, if Less Than One-half Ft • Terminate Drilling Depth (ft bgs) • Sandpack and/or Slough - Well Completion to TD 	<ul style="list-style-type: none"> • Soil Color according to Munsell Soil Color Charts (2000 Edition) • First Encountered Saturated Soil • Measured Groundwater Level • Defined Boundary Between Lithologic Units • Observed Gradational Boundary Between Lithologic Units • Approximated Boundary Between Lithologic Units • Estimated Gradational Boundary Between Lithologic Units
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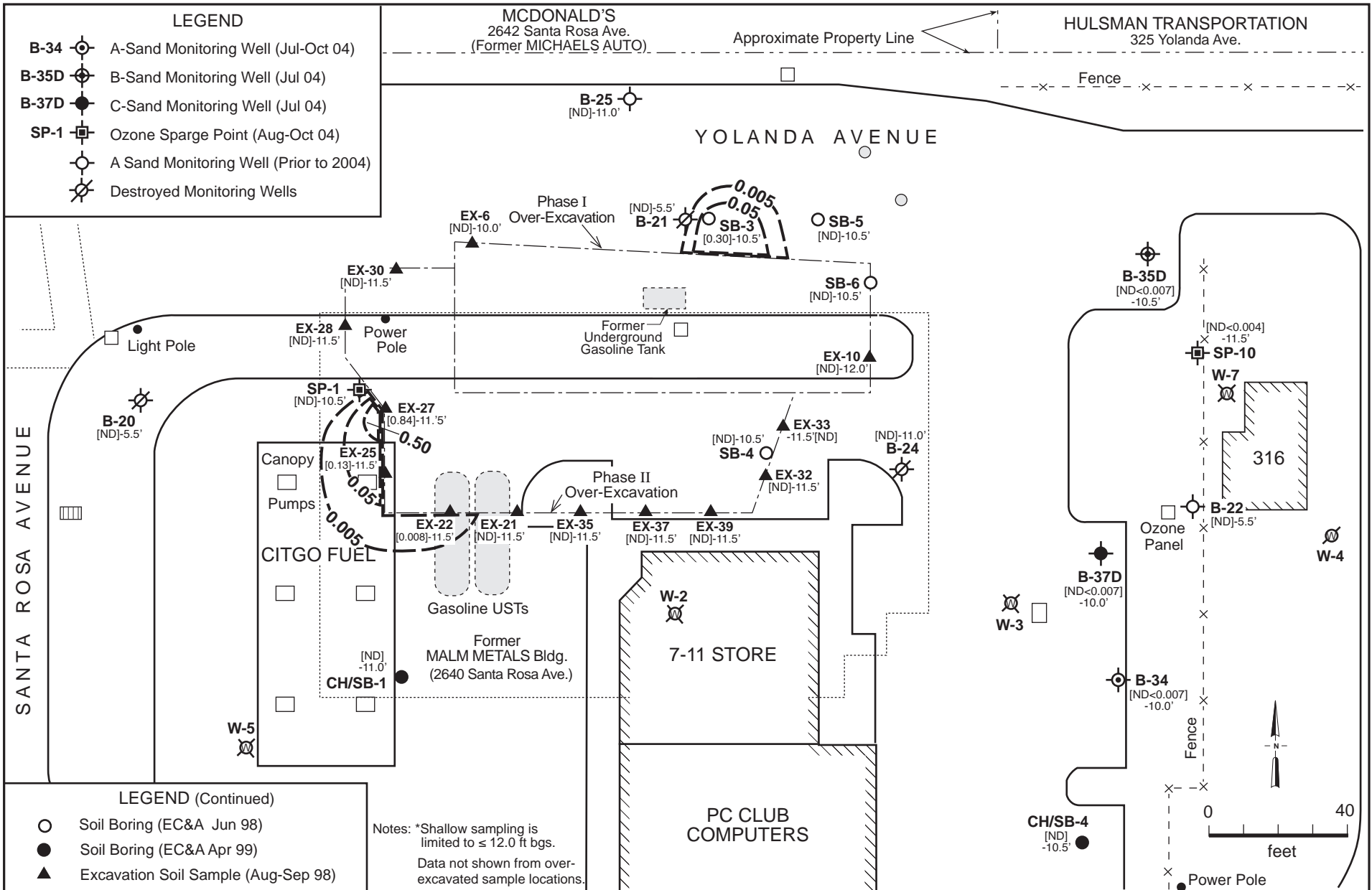
(TRACE #319/RG/06Aug15)

EDD CLARK & ASSOCIATES, INC.
 ENVIRONMENTAL CONSULTANTS

USCS LOG SYMBOLS
 2640 Santa Rosa Avenue
 Santa Rosa, California

FIGURE
14

JOB NUMBER	0268,002.96	REVIEWED BY	EC&A, Richard Ely	DATE	June 2012	REVISED	August 2015
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LEGEND

- B-34** A-Sand Monitoring Well (Jul-Oct 04)
- B-35D** B-Sand Monitoring Well (Jul 04)
- B-37D** C-Sand Monitoring Well (Jul 04)
- SP-1** Ozone Sparge Point (Aug-Oct 04)
- A Sand Monitoring Well (Prior to 2004)
- Destroyed Monitoring Wells

LEGEND (Continued)

- Soil Boring (EC&A Jun 98)
- Soil Boring (EC&A Apr 99)
- Excavation Soil Sample (Aug-Sep 98)
- Out of Service Water Well
- Destroyed Water Well
- [0.30]
-10.5' Maximum Concentration of Benzene in Soil (mg/kg) - Depth (ft bgs)*, Sampled on Date Drilled
- ND Not Detected above Reporting Limit of 0.005 mg/kg, unless Otherwise Shown
- 0.05** Isoconcentration Contour Line (mg/kg)

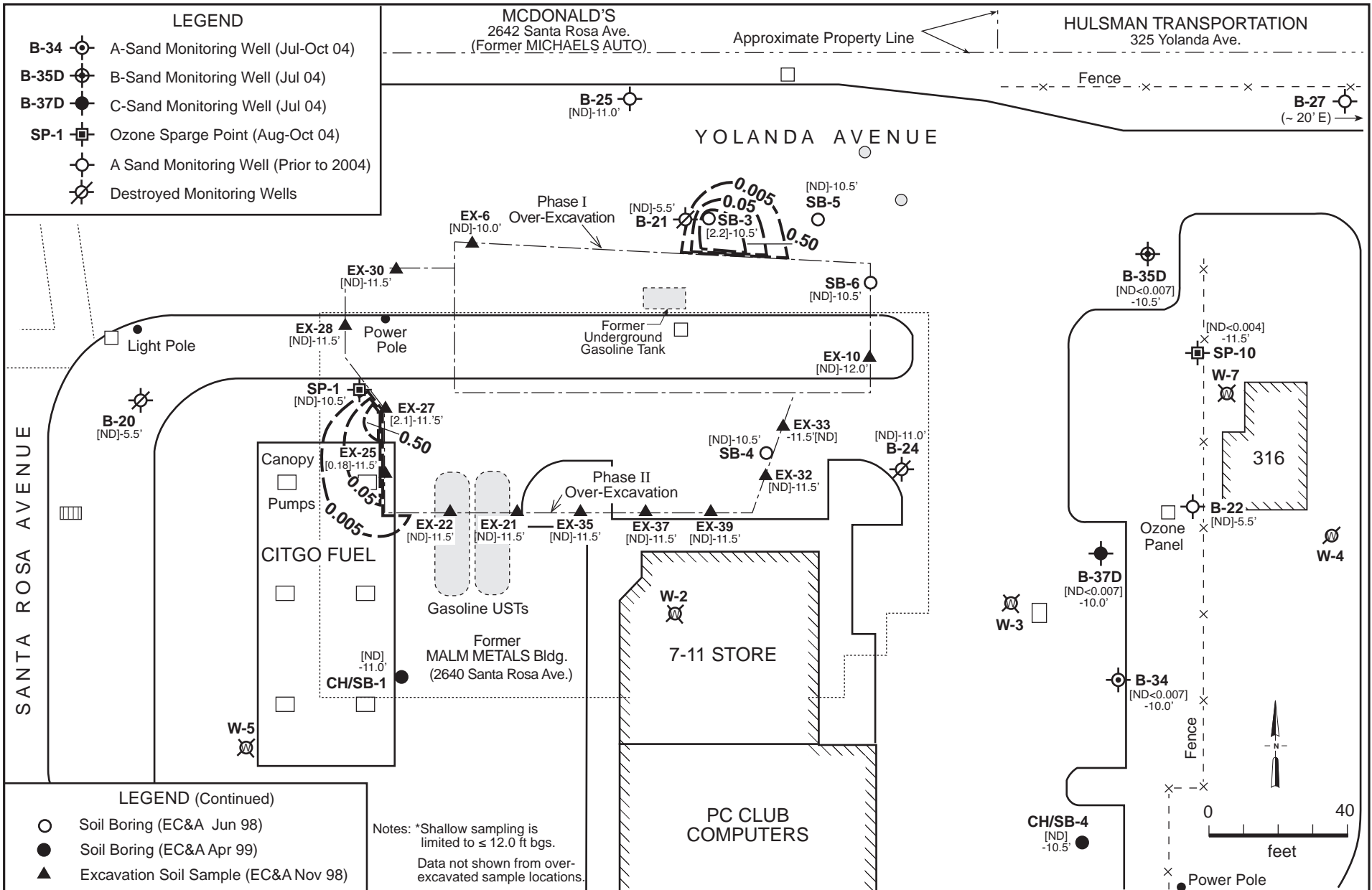
Notes: *Shallow sampling is limited to ≤ 12.0 ft bgs.
Data not shown from over-excavated sample locations.

EDD CLARK & ASSOCIATES, INC.
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ISOCONCENTRATION CONTOUR MAP
of BENZENE in SHALLOW SOIL
2640 Santa Rosa Avenue
Santa Rosa, California

FIGURE
15

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Richard Ely	DATE	August 2015	REVISED DATE		PAGE	1	OF	1
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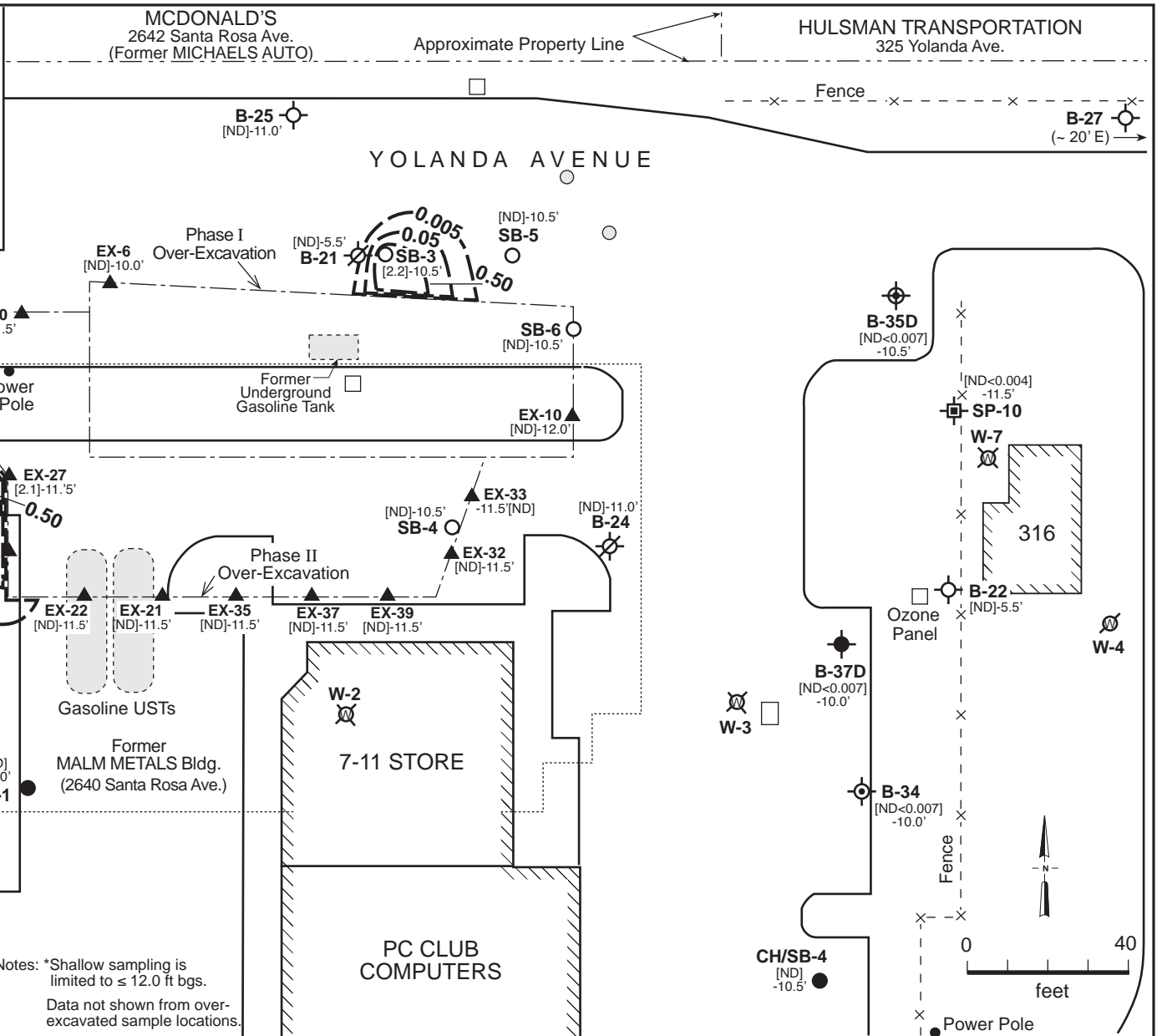


LEGEND

- B-34** A-Sand Monitoring Well (Jul-Oct 04)
- B-35D** B-Sand Monitoring Well (Jul 04)
- B-37D** C-Sand Monitoring Well (Jul 04)
- SP-1** Ozone Sparge Point (Aug-Oct 04)
- A Sand Monitoring Well (Prior to 2004)
- Destroyed Monitoring Wells

LEGEND (Continued)

- Soil Boring (EC&A Jun 98)
- Soil Boring (EC&A Apr 99)
- Excavation Soil Sample (EC&A Nov 98)
- Out of Service Water Well
- Destroyed Water Well
- [2.2] -10.5' Maximum Concentration of Ethylbenzene in Soil (mg/kg) - Depth (ft bgs)*, Sampled on Date Drilled
- ND Not Detected above Reporting Limit of 0.005 mg/kg, unless Otherwise Shown
- 0.05** Isoconcentration Contour Line (mg/kg)



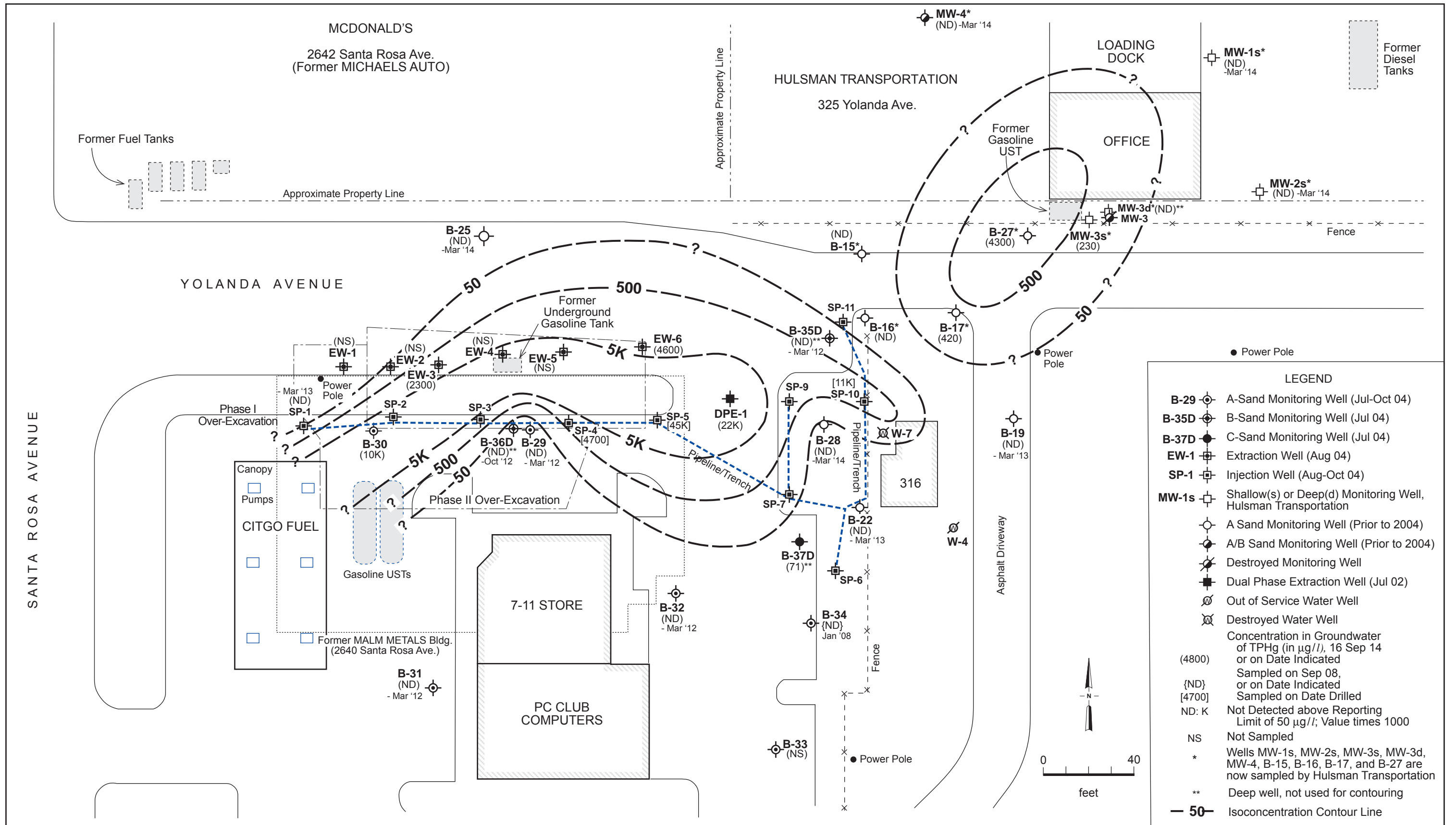
EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

ISOCONCENTRATION CONTOUR MAP of ETHYLBENZENE in SHALLOW SOIL

2640 Santa Rosa Avenue
Santa Rosa, California

FIGURE
16

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Richard Ely	DATE	August 2015	REVISED DATE		PAGE	1	OF	1
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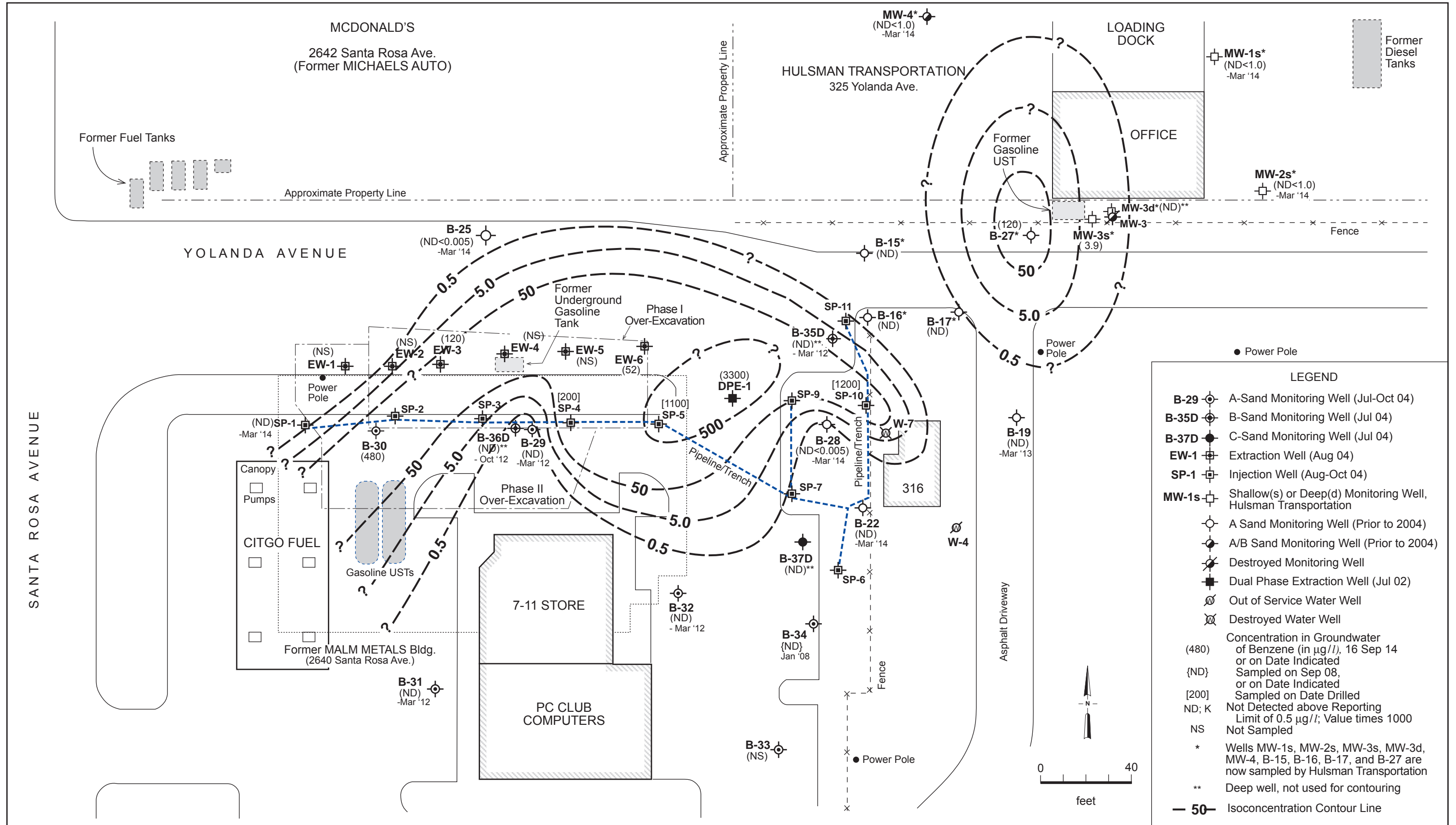
SHALLOW (A-Sand) ISOCONCENTRATION CONTOUR MAP
of TPHg in Groundwater, 16 September 2014
2640 Santa Rosa Avenue
Santa Rosa, California

FIGURE

17

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Ashlee Llewellyn	DATE	April 2002	REVISED DATE	December 2014
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TRACE#366/RG/08Aug15



EDD CLARK & ASSOCIATES, INC. SHALLOW (A-Sand) ISOCONCENTRATION CONTOUR MAP of BENZENE in Groundwater, 16 September 2014

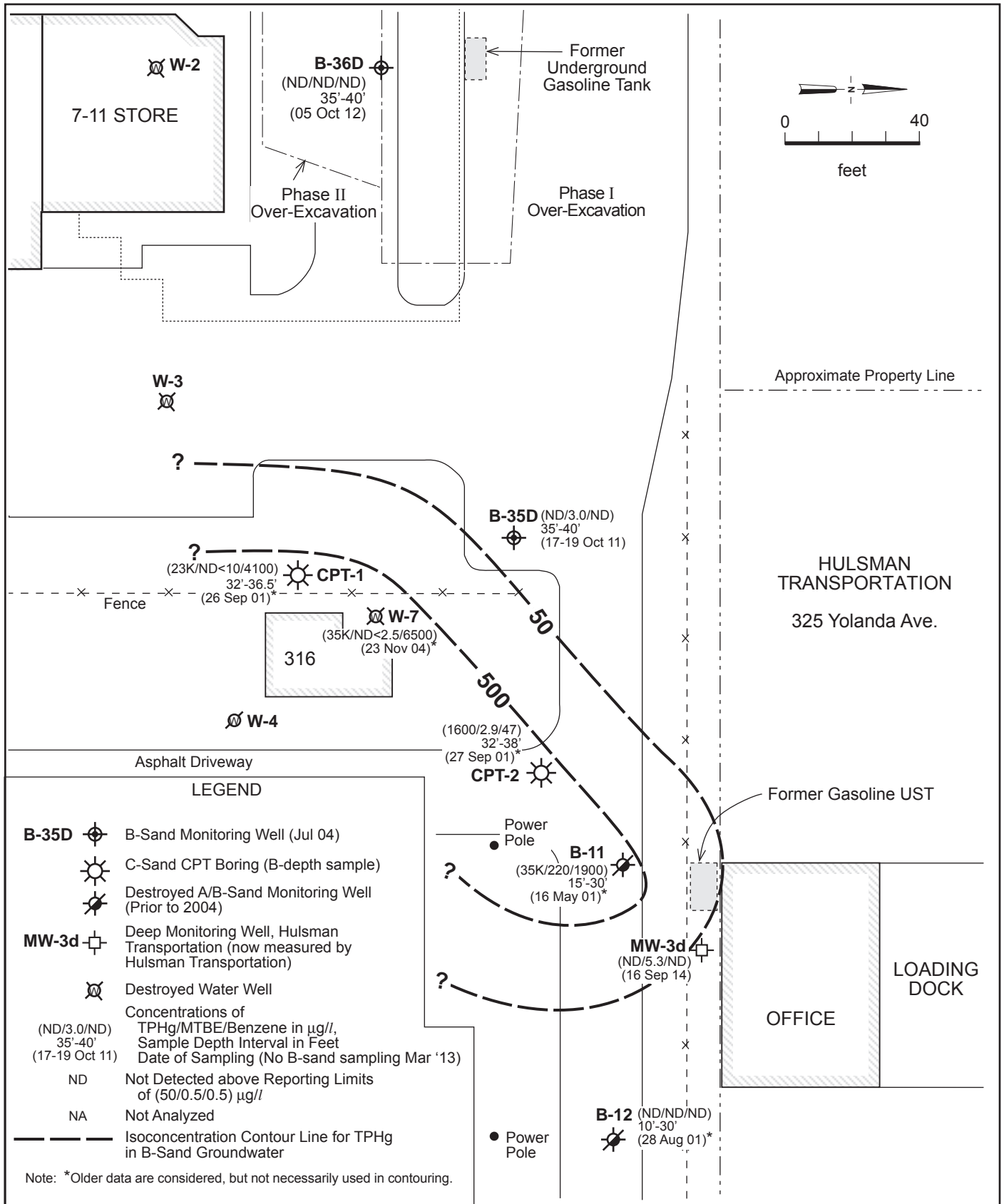
ENVIRONMENTAL CONSULTANTS

2640 Santa Rosa Avenue Santa Rosa, California

FIGURE 18

JOB NUMBER 0266, 002.96 REVIEWED BY EC&A, Ashlee Llewellyn DATE April 2002 REVISED DATE August 2015

TRACE#966/RG/08/AUG15



TRACE#366RG/08Aug15)

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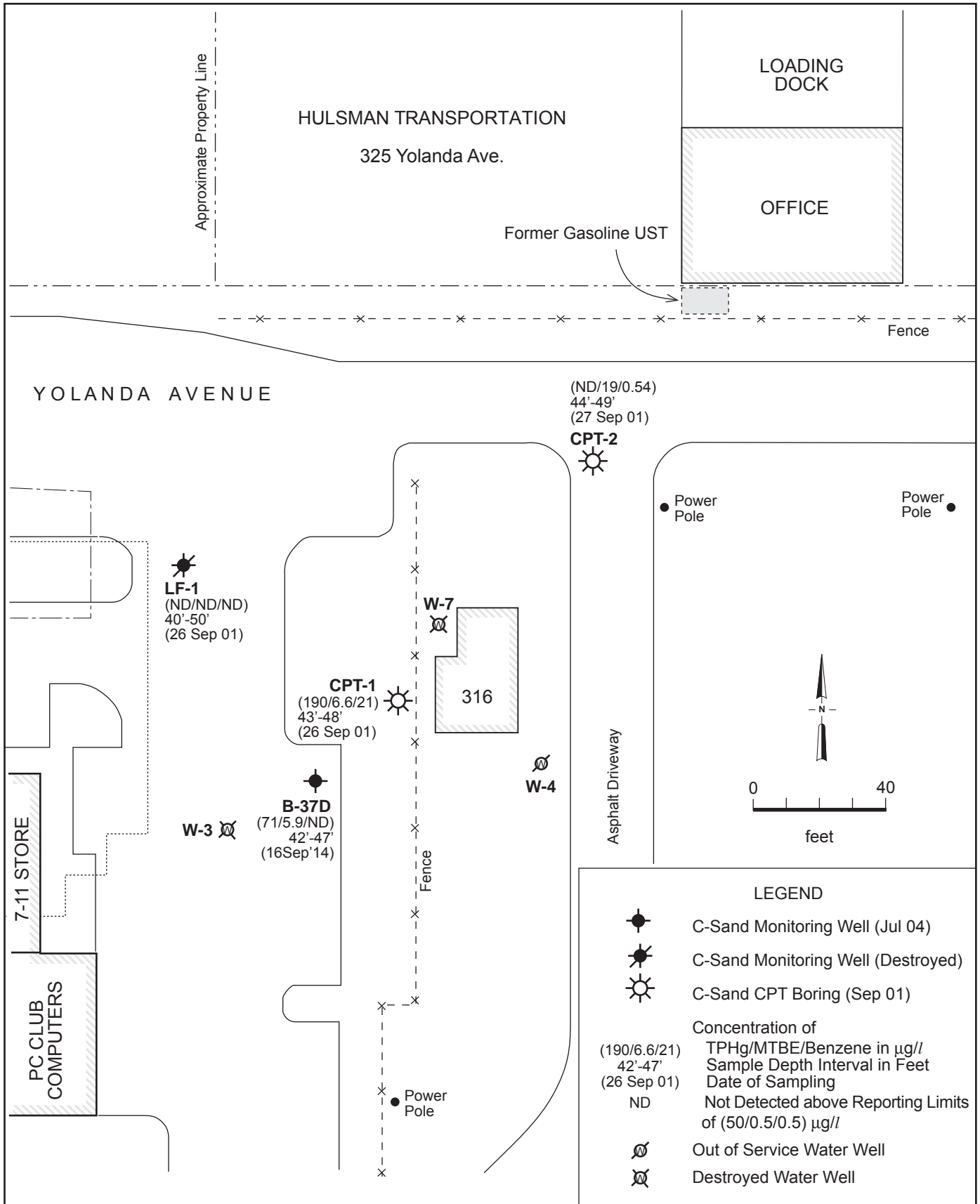
B-SAND GROUNDWATER ANALYTICAL RESULTS
and TPHg Isoconcentration Map
16 September 2014

FIGURE

19

2640 Santa Rosa Avenue
Santa Rosa, California

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Richard Ely	DATE	April 2002	REVISED DATE	August 2015
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EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

C-SAND GROUNDWATER ANALYTICAL RESULTS

16 September 2014

2640 Santa Rosa Avenue
Santa Rosa, California

FIGURE

20

(TRAC#:#366/RG/08Aug15)

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Richard Ely	DATE	April 2002	REVISED DATE	August 2015
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North Coast Regional Water Quality Control Board

Interoffice Communication

Date: February 23, 2017

To: Craig Hunt

From: Jo Bentz

Subject: **No Further Action Recommendation**

Site: Malm Metal Products (Yolanda Gas Spill), 2640 Santa Rosa Avenue, Santa Rosa, CA, Case No. 1TSR256

Information for this summary memo was obtained from the Hulsman site file record and the following documents: ECA's May 2, 2016 "Site Conceptual Model/ Low Threat Closure Policy Evaluation/ Closure Request, Parts 1 through 5" (Malm Metal site); ECA's July 28, 2014 "March 2014 Groundwater Monitoring Event" (Malm Metal site); and EGS's November 2016 SRS for the Hulsman Transportation site contained in their December 27, 2016 "Request for Case Closure" report.

Site Description-

The site is located on the corner of Yolanda Avenue and Santa Rosa Avenue in south Santa Rosa. The site, which is approximately one acre in size, contains an operating service station, a convenience store and a computer store.

Development in the vicinity of the site includes commercial, industrial and residential land use. The site and vicinity are serviced by the City of Santa Rosa water system. A number of existing and destroyed domestic water supply wells have been identified on and near the site.

According to ECA's May 2, 2016 closure request report, the site was previously occupied, from 1960 to 1994, by Malm Metal Products. Malm Metal Products used a 1,000-gallon gasoline UST. The Malm Metal UST was located next to an onsite building, since destroyed. As a result of widening of Yolanda Avenue, the former location of the UST is now under the south side of Yolanda Avenue. The former Malm Metal UST is the subject of this closure memo.

A 15,000-gallon and a 10,000-gallon gasoline UST are reportedly currently in use at the site by the service station. These USTs are relatively new and are not the focus of the investigation and cleanup.

Site History-

In September 1982, gasoline was reported in a residential domestic well at 316 Yolanda Avenue. The residence is adjacent and east of the Malm metal site. Gasoline in the domestic well was attributed to the Malm Metal site. In October 1982, Malm Metal reported that their UST was leaking and the RWB issued CAO No. 82-143 to clean up the site.

The 1,000-gallon UST was removed in November 1982. Holes were noted in the UST and free product was noted within the tank pit.

Nearby UST and Solvent Sites-

A number of former USTs have been identified near the site, including Hulsman Transportation, located across the street and northeast of the site, Michaels Auto located directly north of the site, and Auto Life Center, located directly south of the site. These nearby UST sites have either been closed (Michaels, Auto Life) or are in the process of being closed (Hulsman).

The Malm Metal site is located in an area of HVOC groundwater contamination, mainly TCE, cis 1,2-DCE, 1,1-DCE and 1,4-dioxane. Some PCE has also been detected. The HVOCs in groundwater are suspected to have originated from the Malm Fireplaces site located east and southeast of the Malm Metals site.

Figure 1 shows the location of the site, the former 1,000-gallon UST under Yolanda Avenue and nearby UST sites.

Soil and Groundwater Investigation History-

Between 1982 and 1988, 19 groundwater monitoring wells were installed to depths ranging from 14 to 30 feet bgs. Free product was observed in some of the wells. The highest concentration of gasoline in groundwater was reported in shallow monitoring wells east of the former UST.

In 1997, groundwater samples were collected from nearby water supply wells, including W-4 (316 Yolanda Avenue), W-3 (former Golden State Welding) and onsite well W-2 (2640 Santa Rosa Ave). Low levels of benzene were detected in W-4, in addition to TCE, cis 1,2-DCE and 1,1-DCE. Groundwater from W-3 contained MTBE at 13 µg/L and low levels of toluene, and in later tests showed no detections of contaminants. W-2, the onsite well, contained 11,000 µg/L TPH-g.

As mentioned previously, the domestic well identified as W-7 (originally named W-4) and located at the northwest corner of 316 Yolanda Avenue was discovered to be impacted by site contaminants in 1982. The total depth of W-7 was reportedly 63 feet bgs, so it was known that groundwater contamination likely extended to depths below the shallow zone.

Work to define the extent of groundwater contamination was performed in 2001, with the use of temporary borings and two CPT borings to explore the deeper water bearing zones.

Four water-bearing zones, A-D, have been identified at the site. TPH and BTEX contamination has been detected in groundwater at shallow and intermediate depths of approximately 25, 35, and 45 feet bgs. During the CPT investigation, no COCs were identified in groundwater samples collected from the D-zone at depths of 62 and 65 feet bgs.

Deeper groundwater monitoring wells (B-zone) were installed and monitored at the site. These deeper wells included B-11 (destroyed), B-12 (destroyed), B-35D, B-36D, B-37D, and LF-1 (destroyed). B-zone monitoring wells B-35D and B-36D were non-detect for TPH g and BTEX from November 2004 to March 2012. During the most recent groundwater monitoring events spanning from 2012 to 2014, C-zone monitoring well B-37D contained less than 80 µg/L TPH-g and little to no BTEX chemicals. However, in 2014, groundwater from B-37D contained 6.4 µg/L MTBE, 8.8 µg/L TBA, 13 µg/L 1,2-DCA and 2.3 µg/L DIPE.

Based on groundwater monitoring data, MTBE is not a major concern at this site. The highest concentration of MTBE in shallow groundwater was detected in 2001 in monitoring well B-27 at 520 µg/L. During the last monitoring event in 2014, the concentration of MTBE in B-27 was 17 µg/L and deep well B-37D contained 6.4 µg/L MTBE.

Redevelopment of the site in 2002 and 2003 led to the destruction of a number of site monitoring wells. In addition, in 2008, recognizing that the Hulsman Transportation plume extended under Yolanda Avenue and co-mingled with the Malm metal plume, the Regional Water Board required the Hulsman Transportation RPs to take responsibility for the continued monitoring and eventual destruction of Malm Metal site monitoring wells B-15, B-16, B-17, B-18, and B-27. Therefore, even though B-15, B-16, B-17, B-18, and B-27 were installed for the purposes of the Malm Metal investigation, groundwater contamination in these wells is attributed to the Hulsman UST discharge.

Figure 2 shows the location of site features, including groundwater monitoring wells and remediation systems.

Groundwater Monitoring Results-

Based on groundwater monitoring conducted from 1990 to 2014, the groundwater flow direction at the site has fluctuated from northwest to southeast, but the predominant flow direction is to the southwest. In 2014, during the final groundwater monitoring event, the shallow groundwater flow direction was measured due south and the deeper gradient (B-zone) was measured to the southwest.

The highest levels of TPH contamination occur in shallow groundwater in the area surrounding the former UST (DPE-1, EW-6 and B-30). During the last monitoring event in 2014, TPH-gasoline remains in these three shallow wells at concentrations ranging from 4,800 µg/L to 7, 000 µg/L. The highest concentration of benzene in groundwater occurs in

shallow wells DPE-1 and SP-5. In March 2014, during the last monitoring event, benzene in DPE-1 was 1,000 µg/L.

Figures 3 and 4 are 2014 isoconcentration maps for TPH and benzene.

Remediation-

From 1983 to 1989, a free-phase gasoline recovery system operated at the site to remove free product from groundwater.

As part of an approved CAP, two phases of excavation were conducted in August through September 1999, when 9,470 cu yds of soil were removed and 8,929 cu yds were disposed offsite. The final excavation was 75 feet by 140 feet by approximately 25 feet deep. Some of the excavated overburden was used as backfill. Approximately 11,000 gallons of groundwater were pumped out of the excavation and a recovery well. The extracted groundwater was treated with carbon and discharged under permit to the city sewer. The extent of the excavations is shown on Figure 1.

In 2002, a dual phase pilot test was performed and led to the development of a revised FS/CAP recommending HVDPE and ozone injection for site cleanup. The CAP was implemented in 2004. Six extraction wells were installed to depths of 26.5 to 27 feet bgs in 2004, followed by the installation of 10 ozone sparge injection wells. A 46-day HVDPE event was conducted to extract free product and highly contaminated A-zone groundwater, resulting in the extraction of 125,048 gallons of impacted groundwater.

An ozone system operated at the site under the RWB's General WDR from April 2006 to September 2009 and again from January 2012 to June 2015. Ozone injection wells were screened in upper and lower water bearing zones. Bromate and Chromium 6, byproducts of ozonation, were not detected above a reporting limit of 0.010 mg/L and 1.0 µg/l, respectively, in groundwater samples collected from select monitoring wells during the last monitoring event in 2014.

Sensitive Receptors-

Numerous domestic wells have been identified and sampled near the site. Based on real impacts or the threat of impact to domestic wells from the release, domestic wells W-1, W-2, W-3, W-5, and W-6 were destroyed in 2000 as part of the site investigation. Records indicate that the two domestic wells (W-4 and W-7) serving the residence at 316 Yolanda Avenue were properly abandoned in 2005 and the house is supplied with municipal water supply.

The closest existing domestic well near the site is located at Hulsman Transportation (325 Yolanda Avenue). EC&A estimates that the well is approximately 350 feet northeast and upgradient of the Malm Metal site. Groundwater from the Hulsman well has been tested several times for TPH COCs and no contamination has ever been detected.

Figure 5 shows the location of the Hulsman domestic well and existing and destroyed domestic wells on and near the Hulsman and Malm Metal sites.

HVOCs in Groundwater

Malm Metal Products, Inc. occupied the site from 1960 to 1994. PCE, TCE and DCE have been detected in groundwater from temporary borings, MWs and domestic wells during the investigation of the Malm Metal UST. Potential solvent source areas associated with the former Malm Metal business operations are a parts washing area and a sheet metal shop.

In 1999, ECA performed an investigation of HVOCs at Malm Metal in the metal shop and parts washing source areas to determine if the site was a source of a solvent discharge. PCE and TCE were not detected in soil from borings near the identified source areas, but PCE and TCE were detected in groundwater from monitoring well B-6 at 12 µg/L and 1.4 µg/L, respectively, and TCE was detected in boring SB-6 at 43 µg/L. However, based on the investigation results, the suspected source of these chemicals in groundwater is Malm Fireplaces, Inc. (368 Yolanda Avenue) located approximately 400 to 500 feet east and southeast of this site.

Based on the 1999 and subsequent investigation, it does not appear that metal operations at 2640 Santa Rosa Avenue are a source of a solvent discharge nor is the former gasoline UST a suspected source for HVOCs in area groundwater.

Evaluation of the Site under the LTCP

General Criteria-

The site meets the general criteria of the LTCP.

Groundwater Specific Criteria-

This site does not strictly meet groundwater-specific criteria 1 through 4 because benzene concentrations in groundwater are 1,000 µg/L or higher, the benzene plume is 320 feet in length and a domestic water supply well is located within 350 feet of the site. However, based on an SRS conducted in 2016 by EGS for the nearby Hulsman site, there are no longer any sensitive receptors (domestic wells) located near or downgradient of the Malm Metal site, because numerous water supply wells have been destroyed as part of the Malm Metal and Malm Fire investigation. Residences and businesses at and near the site are hooked up to city water. The closest existing receptor to the site is the onsite water supply well at the Hulsman site. This well is upgradient of the Malm Metal site and has been tested for TPH and associated chemicals and none have been detected.

Staff has determined, based on the reported absence of threatened or impacted receptors, this site meets criteria (5) a. of the groundwater specific LTCP.

Petroleum Vapor Intrusion to Indoor Air-

The site is an operating service station and therefore meets the exception for vapor intrusion. However, other commercial businesses operate at the site and a residence is located next door to the site at 316 Yolanda Avenue. Therefore vapor intrusion should be considered.

The highest concentrations of benzene in groundwater (1,000 µg/L and above) are found in onsite well DPE-1. DPE-1 is located on the eastern portion of the site near the residence at 316 Yolanda Avenue and is screened from 5 to 20 feet. Shallow monitoring wells B-19, B-22 and B-28, which extend to depths of 25 feet or less, surround the residence. For the last several years, TPH and benzene have not been detected in these wells. Also, groundwater from shallow monitoring wells B-32 and B-29, and deeper well B-36D (to 40 feet), which are located between the onsite buildings and DPE-1, are non-detect for TPH and benzene.

The majority of impacted soil has been removed. Shallow groundwater in the area of the 316 residence and onsite buildings does not contain benzene above reporting limits. Therefore, it appears that the potential for vapor intrusion at this site is low.

Direct Contact and Outdoor Air Exposure

To determine if this site meets criteria for direct contact and outdoor air exposure, staff reviewed all available soil data. In total, the data set comparable to Table 1 of the LTCP consists of 25 soil samples collected from depths of 11.5 feet or less. These samples represent soil that remains in place (not removed during excavation). Of these samples, all 25 meet commercial benzene and ethylbenzene levels listed in Table 1. Some soil samples collected at depths between approximately 15 feet and 30 feet along the remedial excavation wall adjacent to Yolanda Avenue do not meet the Table 1 soil criteria, but these samples are deeper than 10 feet, were likely collected under saturated soil conditions, and due to their location next to the road, further excavation was not feasible. Therefore, staff has determined that this site meets Direct Contact and Outdoor Air Exposure criteria 3.a. of the LTCP

Recommendation

This site meets criteria of the UST low threat closure policy. I recommend closure of this case.

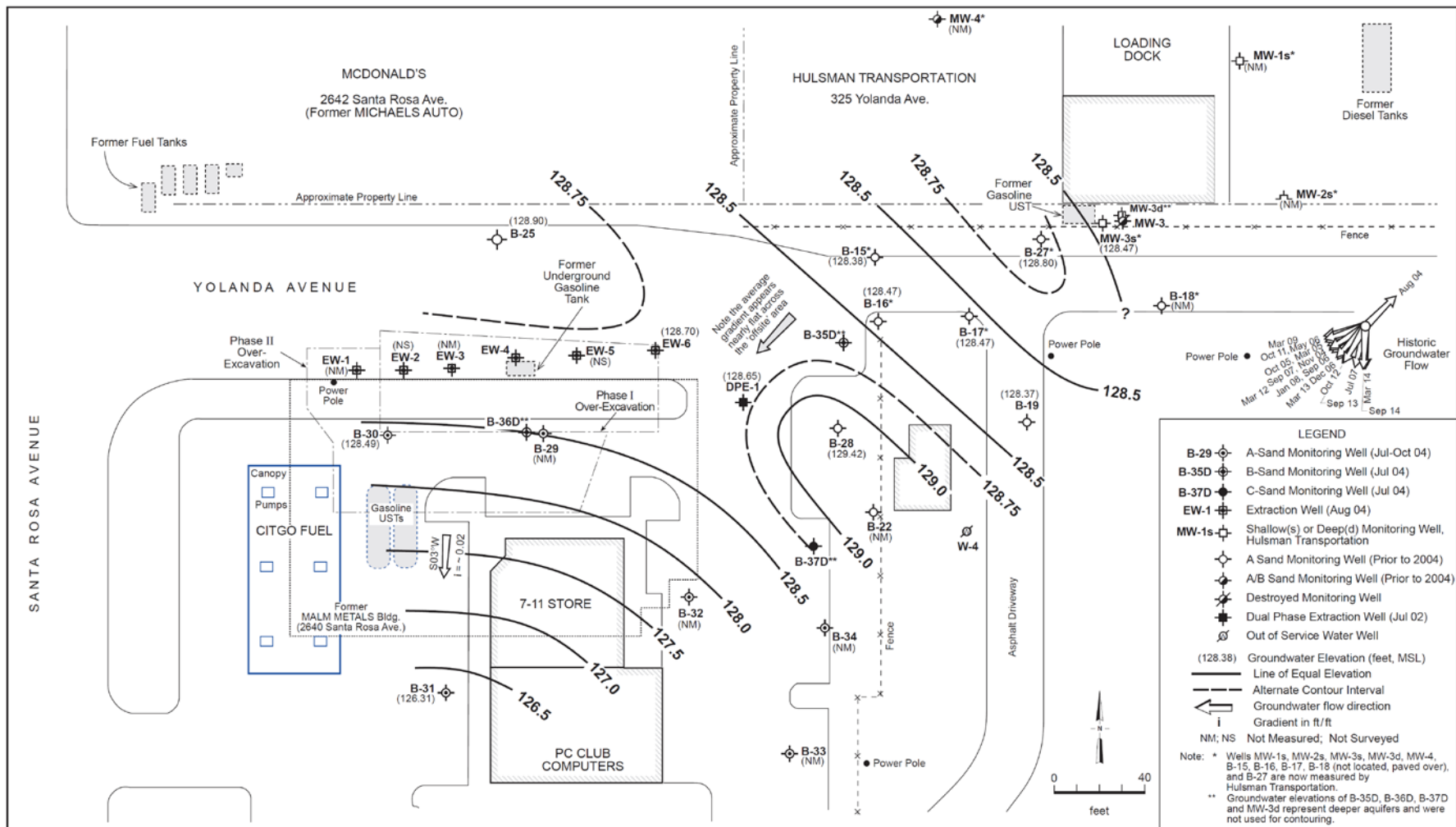


Figure 1-Site Plan, Former UST, Overexcavation Limits and Nearby UST Sites

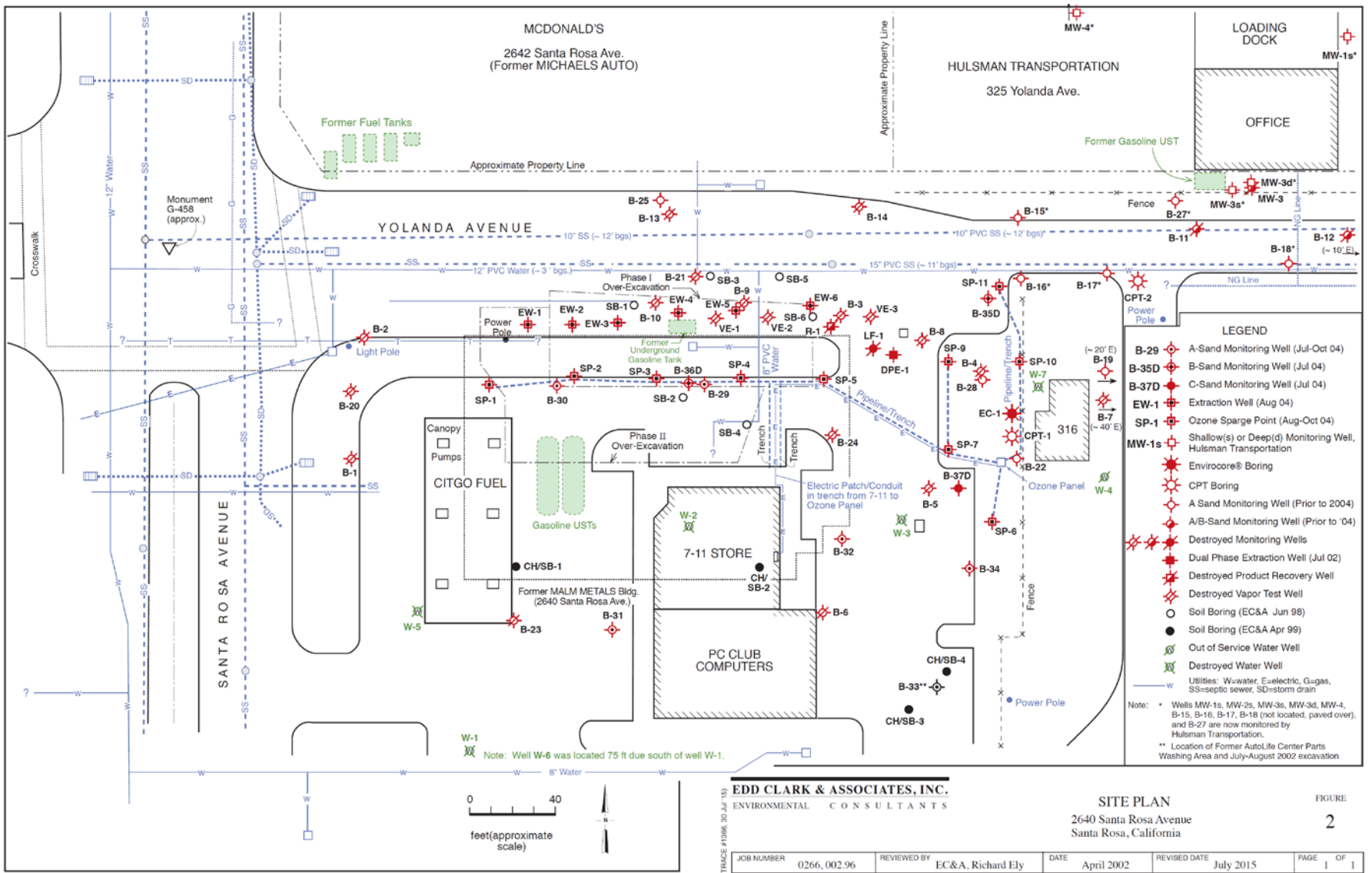


Figure 2- Monitoring Well Network and Remedial System Map

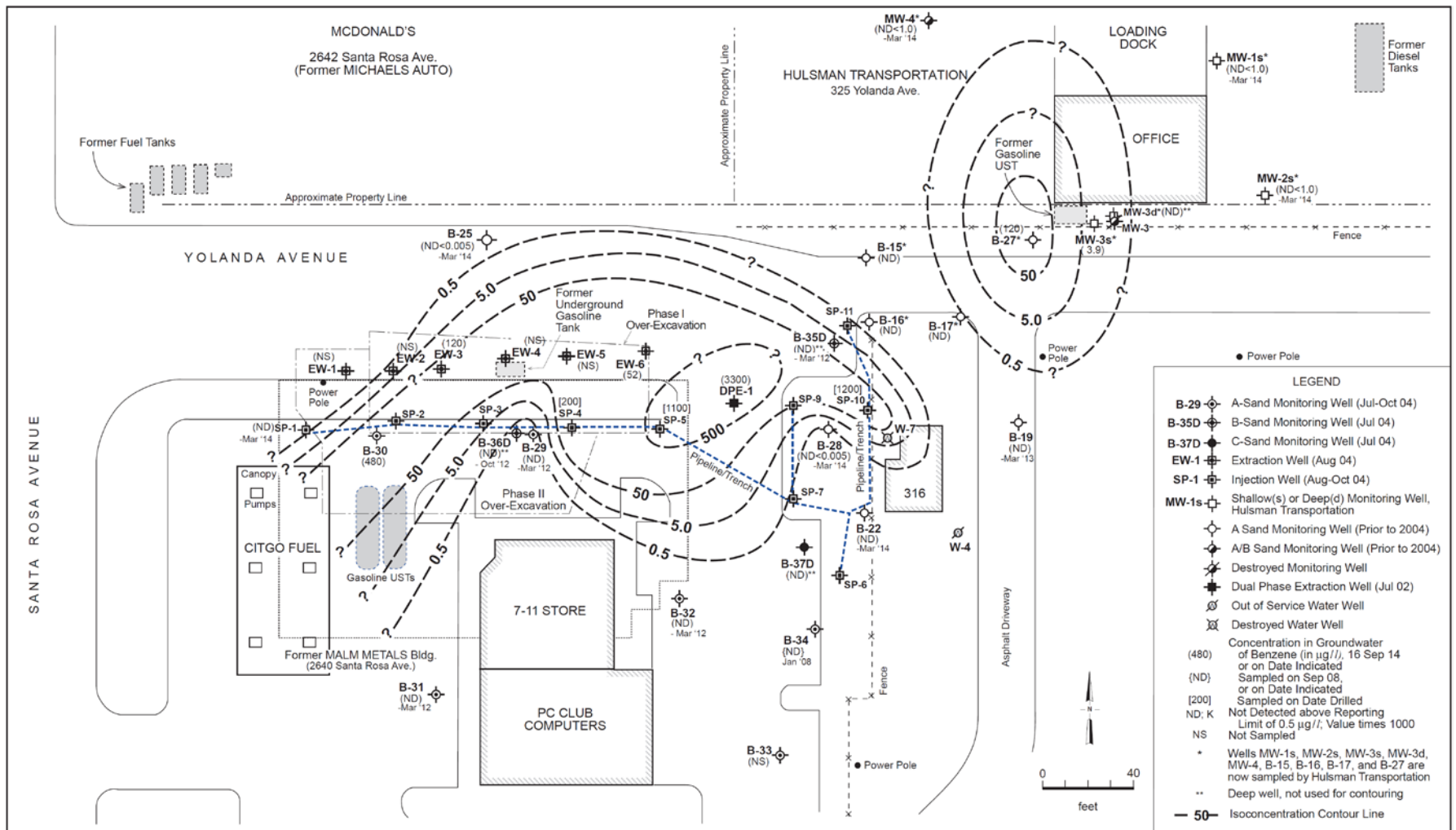


Figure 4- 2014 Isoconcentration Map for Benzene



Figure 5- SRS showing location of existing and destroyed water supply wells near 2640 Santa Rosa Avenue

North Coast Regional Water Quality Control Board

December 11, 2017

Mr. Jerry D. and Mrs. Geraldine Swift
2132 S. 36th Drive
Yuma, AZ 85364
cswift8140@yahoo.com

Dear Mr. and Mrs. Swift:

Subject: **No Further Action**

Site: Malm Metal, 2640 Santa Rosa Avenue, Santa Rosa
Case No. 1TSR256

This letter confirms the completion of a site investigation and corrective action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

Please contact Tom Magney of my staff at (707) 576-2030 or Tom.Magney@waterboards.ca.gov if you have any questions regarding this matter.

Sincerely,

Matthias St. John
Executive Officer

171211_TNM_er_Malm_NFA_Letter.docx

cc: Santa Rosa Fire Department, Gbuckheit@srcity.org
Mr. John Calomiris, Edd Clark & Associates, JohnC@eddclarkandassociates.com
Mr. David Bush, EGS, dbush@egsconsultants.com
Ms. Leslye Choate, Sonoma County Environmental Health Division,
leslye.choate@sonoma-county.org

June 6, 2016

Job No.: 0698,001.13

Mr. Allan Henderson
900 Quietwater Ridge
Santa Rosa, California 95404

**Workplan for Additional Groundwater Investigation
Malm Fireplaces, Inc.
368 Yolanda Avenue
Santa Rosa, California
NCRWQCB Case No 1NSR354**

Dear Mr. Henderson:

Edd Clark & Associates, Inc. (EC&A) is pleased to present this workplan for additional groundwater investigation for Malm Fireplaces, 368 Yolanda Avenue (site) in Santa Rosa, California (Figures 1 and 2). Site work is being conducted at the request of the North Coast Regional Water Quality Control Board (NCRWQCB) because of a release to the subsurface of metal cleaning solvents with trichloroethene (TCE) constituents reportedly used in sheet-metal fabrication activities historically performed at the site. The NCRWQCB (NCRWQCB, 2016) requested a workplan for additional offsite groundwater plume characterization of the TCE release, including the solvent stabilizer 1,4-dioxane, south and downgradient from the site. This workplan will be submitted to the NCRWQCB for their review and approval, to the County of Sonoma Department of Health Services (CSDHS) as a permit requirement, and will also be electronically submitted to the State GeoTracker Internet Database (GeoTracker).

PROPOSED SCOPE OF WORK

Work proposed for the soil and groundwater investigation includes the following.

- Acquire a permit for the installation of groundwater monitoring wells from the CSDHS. An access agreement will also be required
- Installing a shallow and deep groundwater monitoring well pair south of the site;
- Collecting soil samples from the monitoring well borings for chemical analysis and evaluation of soil lithology;
- Developing the new monitoring wells;
- Surveying the top of casing (TOC) elevation of the new groundwater monitoring wells; survey the location of the new wells with Global Positioning System (GPS) equipment;
- Collecting groundwater samples from the monitoring wells for the initial sampling event; and
- Preparing a summary report of the work completed that presents conclusions and recommendations regarding site conditions.

BACKGROUND

Site Description

The site is located at 368 Yolanda Avenue in Santa Rosa, California (Assessor's Parcel Numbers [APNs] 044-072-006 to -009, 044-081-024, 044-081-029, and 044-390-061), in the southeastern section of the City of Santa Rosa. Land use in the site vicinity consists of a mix of commercial, retail, light industrial and residential property uses. The site is located at an approximate elevation of 150 feet (ft) above mean sea level (msl) with generally flat topography in the site vicinity. There are several buildings on the site which are currently occupied by several commercial and light industrial tenants (Malm Fabrication, a shoe distribution business, offsite power washing business, Porsche repair business, Fierce Cheer, ServPro, and Complete Collision Center).

Site History

Historical documentation from past site uses, development and general property ownership detailed below, has been obtained from a review of past reports submitted by SCS Engineers (SCS, 2011). As previously reported, Mr. Glen Crownover, Sr., and his wife purchased the site as undeveloped land sometime prior to 1961 and Mr. Crownover initiated development of the site sometime in the early 1960s with the construction of at least part of Building 1 (Figure 2). Building 1 was reportedly initially occupied by Malm Fireplaces (Malm) sometime between 1963 and 1965, after which time Mr. and Mrs. Crownover transferred ownership of their remaining parcels in the area to Mr. and Mrs. Welsh in 1981. The Welshes subsequently acquired Building 4 (APN 044-081-029, Figure 2), and then sold all of their holdings in the area to Mr. and Mrs. Allan Henderson in 2001.

Mr. and Mrs. Asti, residents at 372 Yolanda Avenue, reportedly contacted the NCRWQCB in early 1999 with concerns regarding the quality of water in their domestic well. EC&A understands that these concerns were raised due to documented area-wide chlorinated solvent impacts to groundwater. The Asti's well was sampled in March 1999 and the TCE was reportedly detected at 179 micrograms per liter ($\mu\text{g/l}$). Between March 1999 and March 2000, the NCRWQCB continued its efforts to identify and, where possible, collect samples from domestic wells in the site vicinity. By March 2000, approximately nine domestic water wells had been identified in the area and a periodic sampling and analysis program was reportedly conducted. The three wells formerly located at 372 Yolanda Avenue were subsequently decommissioned between August and October 2013 (EC&A, 2013).

Based on the domestic well sampling results, the NCRWQCB conducted a soil gas survey at the site in April and May 2000 (NCRWQCB, 2000). The survey indicated the presence of a soil gas plume of chlorinated solvents centered on the site. Several smaller isolated plumes or parts of plumes were also identified in the general vicinity of the site. Malm has reportedly occupied various large buildings at the site since their construction and sheet metal fabrication processes have been on-going at the site for at least 25 years. EC&A understands that as part of the fabrication process, metal cleaning solvents with TCE constituents have been used to strip oil and grease from the metal. Cleaning materials were generally stored and used in the solvent storage area (SSA), located in the southeast corner of Building 2 (Figure 2). Land to the east of this area was pasture (APN 044-390-061, Figure 2) and was subsequently developed to supplement parking and storage associated with site activities. Surface drainage was reportedly to the south prior to the development of the Site.

An approximately 50-gallon capacity dip tank was reportedly located in Building 2. Pipes were dipped and then rolled in the solvents stored in this dip tank, after which they were removed from the tank, placed on a table, and wiped down by hand. EC&A understands that excess solvent was allowed to drain off the table and back into the dip tank. Most of the excess solvent reportedly evaporated before it returned to the tank.

Previously Completed Investigations and TCE Soil Impacts

A completed history of site investigations as well as a summary of site-specific geology and hydrogeology is provided in previous reports (SCS, 2011, 2012). Based on investigations previously conducted at the site by others, TCE-impacted soil extends vertically from approximately 5 ft to 40-ft bgs. Substantial TCE mass is located at depths ranging from 5 to 15 ft. Based on previous soil boring data collected in June 2001 (SCS, 2011), TCE concentrations at 5-ft were detected up to 1,400 $\mu\text{g}/\text{kg}$ in soil boring B-14 and up to 220 $\mu\text{g}/\text{kg}$ in B-22. These borings are located adjacent to Buildings 2 and 3 (Figure 2). TCE was detected at 3000 $\mu\text{g}/\text{kg}$ at 10-ft in B-14. TCE-impacted soil extends below 10 ft bgs; given the relatively shallow depth to groundwater, the TCE concentrations in soil below 10-ft are in saturated soil and most likely represent dissolved-phase TCE conditions.

In August 2012, TCE was detected at 11,000 $\mu\text{g}/\text{m}^3$ in a soil vapor sample collected from soil vapor well SVS-101, which was installed to a depth of 5-ft bgs adjacent to Building 3 (SCS, 2012). The California Human Health Screening Level (CHHSL) for TCE vapor is 1,800 $\mu\text{g}/\text{m}^3$ (CalEPA, 2010). This soil vapor well is located within the proposed area of excavation and will be removed during excavation activities. Based on the August 2012 soil vapor study conducted by SCS Engineers, TCE soil vapor concentrations at or above CHHSLs do not appear to be present in shallow soil beneath Buildings 2 and 3. Soil analytical results as reported by SCS are included in Appendix A. Following completion of the additional monitoring well installation activities proposed herein, past soil analytical data will be tabulated and included along with recent data collected by EC&A.

TCE Groundwater Impacts

The primary chemical of concern (COC), TCE is widely distributed in shallow and deep groundwater beneath the site (Figures 5 and 6).

Shallow Groundwater

TCE is the principal COC in shallow groundwater with a maximum concentration of 3200 micrograms per liter ($\mu\text{g}/\text{l}$) in MMW-103 in February 2016 (Figure 5 and Table 2). Except for non-detect (ND) results in MMW-102, the plume is unconstrained on all sides, and extends downgradient to the south beyond MMW-106 where 36 $\mu\text{g}/\text{l}$ was detected in February 2016.

Cis-1,2-DCE, a breakdown product of TCE, was detected in shallow groundwater at a maximum concentration of 170 $\mu\text{g}/\text{l}$ in MMW-103 in February 2016 (Table 2); 1,1-DCE, another breakdown product of TCE, was detected in shallow groundwater at a maximum concentration of 300 $\mu\text{g}/\text{l}$ in MMW-103 in February 2016 (Table 2).

At the request of the NCRWQCB, analysis for 1,4-dioxane was added to the groundwater monitoring program in March 2014. In February 2016, the maximum concentration of 1,4-dioxane was detected in MMW-103 at 78 $\mu\text{g}/\text{l}$. MMW-103 is located in the source area. 1,4-

dioxane concentrations ranged from <0.50 µg/l to 8.4 µg/l in the other monitoring wells (Table 2).

Deep Groundwater

TCE is the principal COC in deep groundwater, with a maximum concentration of 240 µg/l in MMW-105A in February 2016 (Figure 6 and Table 2). Except for ND results in MMW-102A, the plume is unconstrained on all sides, and extends downgradient to the south beyond MMW-106A where 35 µg/l was detected in February 2016.

Cis-1,2-DCE, a breakdown product of TCE, was detected in deep groundwater at a maximum concentration of 39 µg/l in MMW-105A in February 2016 (Table 2); 1,1-DCE, another breakdown product of TCE, was detected in deep groundwater at a maximum concentration of 41 µg/l in MMW-105A in February 2016 (Table 2).

1,4-dioxane concentrations in deep groundwater in February 2016 ranged from <0.50 µg/l to 8.2 µg/l (MMW-105A, Table 2).

Offsite Water Wells

As requested by the NCRWQCB (NCRWQCB, 2014) EC&A collected water samples from Mountain View Mobile Estate Mobile Home Park (MHP) on September 24, 2014. There are two water supply wells at MHP which is located approximately 1150 ft south and downgradient from the site. EC&A understands that Well 01 is the backup water-supply well located further south on the property, and Well 02 which is located further to the north, is used as the primary water supply for the park, and is attached to a treatment system (Figure 7).

1,4-Dioxane was detected in the pre-treatment and post-treatment samples from Well 02, and in the sample from Well 01 at a maximum concentration of 0.36 µg/l. TCE was also detected in the pre-treatment sample from Well 02 and in Well 01. The analytical results were forwarded to the NCRWQCB on September 30, 2014.

PROPOSED ADDITIONAL GROUNDWATER INVESTIAGTION

The purpose of the proposed additional groundwater investigation is to provide offsite groundwater plume characterization of the TCE release, including the solvent stabilizer 1,4-dioxane, south and downgradient from the site. To investigate shallow and deep groundwater conditions south of the site, EC&A proposes to install a shallow and deep monitoring well pair (pMW-109 and pMW-109A), between the southern property line of the site and MPH, collect soil samples from the well borings, and collect groundwater samples from the completed groundwater monitoring wells. The proposed scope of work will be accomplished in the following tasks.

Task 1 - Acquire Permit/Access Agreement//Project Management

EC&A will prepare and submit a monitoring well installation permit application to the CSDHS and acquire an access agreement for offsite well installation prior to the beginning of field work. Upon receipt, a signed access agreement will be submitted to the CSDHS and the NCRWQCB. Prior to drilling, underground utilities will be located and marked by a private utility locator subcontractor.

Underground Service Alert (USA) will be notified at least 48 hours prior to field work as required by law. The CSDHS and the NCRWQCB will also be notified at least 48 hours prior to field work.

Task 2 –Monitoring Well Installation

EC&A will oversee the advancement of two monitoring well borings at the approximate locations shown on Figure 7. Monitoring wells pMMW-109 and pMMW-109A will be located to the south of the locations of MMW-106 and MMW-106A, at 240 Burt Street.

Based on a review of well construction details for existing site monitoring wells, the shallow paired well will be installed to a maximum approximate depth of 25 ft bgs, and the deep paired well to a maximum approximate depth of 55 ft bgs, using a truck-mounted drill rig equipped with 8-inch-outside-diameter, hollow-stem augers. Estimated well depths are based on a review of boring logs and well completion information reported by SCS. The actual depths of the borings will be based on soil and groundwater conditions encountered during drilling.

Drilling will be performed under the technical direction of an EC&A professional geologist who will classify soils encountered, maintain a continuous log of the lithology, and assist in obtaining soil and groundwater samples. All field work will be performed under the supervision of a California Professional Geologist. EC&A will field-screen the breathing zone and soil samples for organic vapors with a photo ionization detector (PID).

Task 3 - Monitoring Well Construction

Monitoring wells pMW-109 and pMW-109A will be constructed by inserting a 2-inch-diameter, flush-threaded, Schedule 40 PVC well casing from the ground surface to the bottom of the boring. In the shallow proposed monitoring well, the casing will consist of machine-slotted well screen from approximately 15 ft bgs to 25 feet bgs; in the deep proposed monitoring well the casing will extend from approximately 45 to 55 ft bgs. The remainder of the wells will consist of solid PVC casing. Typical monitoring well construction diagrams for the proposed shallow and deep groundwater monitoring wells are attached as Figures 8 and 9, respectively. Conductor casing is not proposed for the deep monitoring well since this well will not be installed in an area of known shallow groundwater contamination.

The size of the filter pack and well-screen slot size will be based on the size and type of the material encountered in the saturated zone. EC&A anticipates that the filter pack will consist of clean, water-washed Monterey #2/12 sand or equivalent. The screen slot size will be 0.010 or 0.020 inches. The sand will be placed through the hollow-stem augers into the annular space between the well casing and the borehole wall. The augers will be raised periodically and an auger flight removed to allow the sand to fill the annulus between the casing and the borehole wall. The sand pack will extend from the bottom of the well bore to approximately 1 foot above the screened interval. A 1-foot- to 2-foot-thick layer of bentonite will be placed above the filter pack and hydrated with tap water in 1-foot lifts. The remaining annular space will be backfilled with cement grout. The grout will be placed in the borehole after the auger flights have been entirely withdrawn from the boring.

Each well will be completed by installing a traffic-rated, water-tight utility box with tamper-deterrent bolts set at grade in concrete, a locking well cap, and a label with the well I.D. number. The boxes will be footed in cement grout for security and stability.

Task 4 - Soil Sample Collection

Soil samples will be collected during drilling of the well borings using a split-spoon sampling apparatus containing 2-inch-diameter by 6-inch-long brass or stainless steel liners at a minimum of every 5 feet, at any noted changes in lithology, any obviously contaminated soil, and/or at the approximated soil/groundwater interface. When a boring is advanced to the selected sampling depth, the split-spoon sampling apparatus will be lowered into the bottom of the hole through the hollow-stem augers and driven approximately 18 inches into soil ahead of the auger with a 140-pound, drill-rig-operated hammer. Soil samples intended for laboratory analyses will be collected using an Encore® sampler apparatus. Soil samples will be labeled, logged on a chain-of-custody form and placed on ice for transport to McCampbell Analytical, Inc. (MAI) for the required analyses. MAI is a State-certified laboratory located in Pittsburg, California.

The number of soil samples submitted to the analytical laboratory for chemical analysis will be dependent on soil conditions observed during drilling, or at the request of the NCRWQCB. EC&A anticipates up to four soil samples will be collected from the well borings for chemical analysis.

Equipment Cleaning and Waste Storage

In order to minimize the possibility of cross contamination, all downhole drilling and sampling equipment will be properly cleaned prior to use. The augers will be steam-cleaned before drilling commences. The soil- and water-sampling equipment will be washed in a low-phosphorous soap solution and double rinsed with tap water before samples are collected.

Rinsate from cleaning procedures and drill cuttings will be contained in properly labeled and sealed DOT 17H 55-gallon drums for later disposal. Disposal documentation will be submitted to the NCRWQCB.

Task 5 - Soil Sample Analysis

Soil samples submitted to the analytical laboratory will be analyzed for HVOCs, by Analytical Method SW8010 basic Target List by Method SW8260B and for 1,4-dioxane by Analytical Method E522. Soil samples will be extracted and prepared for analysis by EPA Method 5035 within 48 hours of collection. For landfill disposal profiling, one soil sample will be collected from the drill cuttings and analyzed for total lead by Method 6010C, in addition to the analyses listed above.

Task 6 - Well Development

Following a minimum period of 24 hours after the monitoring wells are constructed, they will be developed by surging and pumping with a down-hole PVC pump. Development will continue until the water is relatively clear and visually free of sediment, or until the well is evacuated. If evacuated, depending on the rate of recharge and clarity of the water, the wells may be purged several times during the development process. The wells will be allowed to recharge for a minimum of 24 hours before groundwater sampling is conducted.

Task 7 - Well Elevation Survey

The TOC of the new monitoring wells will be surveyed by a California-licensed land surveyor to establish their horizontal location and elevation relative to mean sea level (MSL). The wells will be surveyed to an accuracy of at least 0.1 feet in the horizontal and 0.01 feet in the vertical. The well locations will also be surveyed with GPS survey equipment to sub-meter accuracy, and the data electronically submitted to GeoTracker.

Task 8 - Initial Groundwater Monitoring Event

Following a minimum period of 48 hours after the monitoring wells are developed, groundwater samples will be collected from the newly proposed and existing monitoring wells in accordance with procedures listed below.

Water Level Measurements

Depth to water (DTW) below TOC in the new groundwater monitoring wells will be measured to the nearest 0.01 foot with a water-level meter. The meter will be cleaned and rinsed prior to taking measurements in each well. DTW measurements will be recorded after the well caps are removed and the groundwater in the wells is allowed to equilibrate for a minimum of 15 minutes.

Additionally, groundwater pH, temperature (Temp), electric conductivity (EC), dissolved oxygen (DO), oxidation-reduction potential (ORP) and total dissolved solids (TDS) will be measured in all of the monitoring wells.

Monitoring Well Sample Collection

Groundwater samples will be collected from the monitoring wells after purging with new disposable bailers fitted with a disposable bottom-emptying device to minimize water degassing.

The samples will be transferred to properly labeled, laboratory-supplied sterile sample containers, logged on a chain-of-custody form and placed on ice for transport to a State-certified laboratory. DTW measurements, purge volumes and groundwater-quality parameters will be recorded for each well sampled.

Groundwater Sample Analyses

The groundwater samples will be analyzed HVOCs, by Method SW8010 Basic Target List by Analytical Method SW8260B and for 1,4-dioxane by Analytical Method E522.

Task 9 - Report of Additional Soil and Groundwater Investigation

Following completion of the well installations and initial groundwater sampling event, EC&A will prepare a written summary report. The report will include well boring logs, well construction details, the results of soil sample analyses and the initial groundwater monitoring event. The report will also detail groundwater elevation measurements, calculated groundwater flow direction, a discussion of current and previous analytical results, field logs and laboratory reports. DTW measurements, laboratory analytical results, boring logs and a copy of the report will be electronically submitted to GeoTracker.

Task 10 - Groundwater Monitoring Program

The sampling frequency for the newly installed monitor wells will be determined following a review of the analytical results.

SITE SAFETY PLAN

Site work will be conducted in accordance with the Site Safety Plan (SSP) presented in Appendix B. The SSP identifies the chemicals and other potential safety hazards that may be encountered, describes precautionary measures to be taken when in the presence of these chemicals and other potential safety hazards, and contains a map to the nearest medical facility.

SCHEDULE

EC&A anticipates the proposed monitoring wells will be installed in July 2016.

The over-excavation of TCE-impacted source material from the site is tentatively scheduled for July or August 2016.

Thank you for allowing EC&A to provide environmental services for you. Please call John Calomiris, Project Manager, at (707) 792-9500 if you have any questions.

Sincerely,
Edd Clark & Associates, Inc.



John Calomiris
Technical Operations Manager/Associate



Stephen Knuttel, PG #7674
Professional Geologist



ATTACHMENTS

Figures

- Figure 1 - Site Location Map
- Figure 2 - Site Plan
- Figure 3 - Groundwater Elevations for Shallow Groundwater: February 2016
- Figure 4 - Groundwater Elevations for Deep Groundwater: February 2016
- Figure 5 - Isoconcentration Contour Map of TCE in Shallow Groundwater, February 2016 with Proposed Shallow Monitoring Well
- Figure 6 - Isoconcentration Contour Map of TCE in Deep Groundwater, February 2016 with Proposed Deep Monitoring Well
- Figure 7 - Site Vicinity Map with Offsite Water-Supply Wells and Proposed Monitoring Wells

- Figure 8 - Typical Monitoring Well Construction Diagram
Figure 9 - Typical Deep Monitoring Well Construction Diagram

Tables

- Table 1a - Shallow Groundwater Flow Direction and Gradient
Table 1b - Deep Groundwater Flow Direction and Gradient
Table 2 - Monitoring Well Groundwater Analytical Results

Appendices

- Appendix A - Past SCS Soil Analytical Data
Appendix B - Site Health and Safety Plan

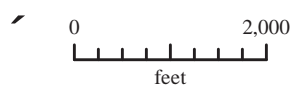
REFERENCE LIST:

- CalEPA, 2010. CalEPA Website (<http://oehha.ca.gov/risk/chhshtable.html>), Office of Environmental Health Hazard Assessment (OEHHA), Soil-Gas-Screening Numbers for Volatile Chemicals Below Buildings Constructed Without Engineered Fill Below Sub-Slab Gravel, September 23.
- EC&A, 2013. 372 Yolanda Avenue Domestic Well Decommissioning Report, Malm Fireplaces, Inc., 368 Yolanda Avenue, Santa Rosa, California, December 27.
- NCRWQCB, 2000. Soil-gas Data from Gore-Sorber Screening Survey, May 19.
- NCRWQCB, 2014. Request for Sampling of Off-site Water-supply Well, September 17.
- NCRWQCB, 2016. Workplan Directive, April 29.
- SCS, 2011. Revised Interim Remedial Action Plan, Malm Fireplaces, Inc., 368 Yolanda Avenue, Santa Rosa, California, October 4.
- SCS, 2012. Soil Vapor Assessment Report, Malm Fireplaces, Inc., 368 Yolanda Avenue, Santa Rosa, California, August 20.

cc: Jo Bentz, North Coast Regional Water Quality Control Board
Santa Rosa Fire Department, GBuckheit@srcity.org

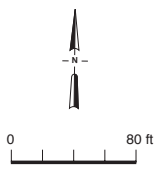
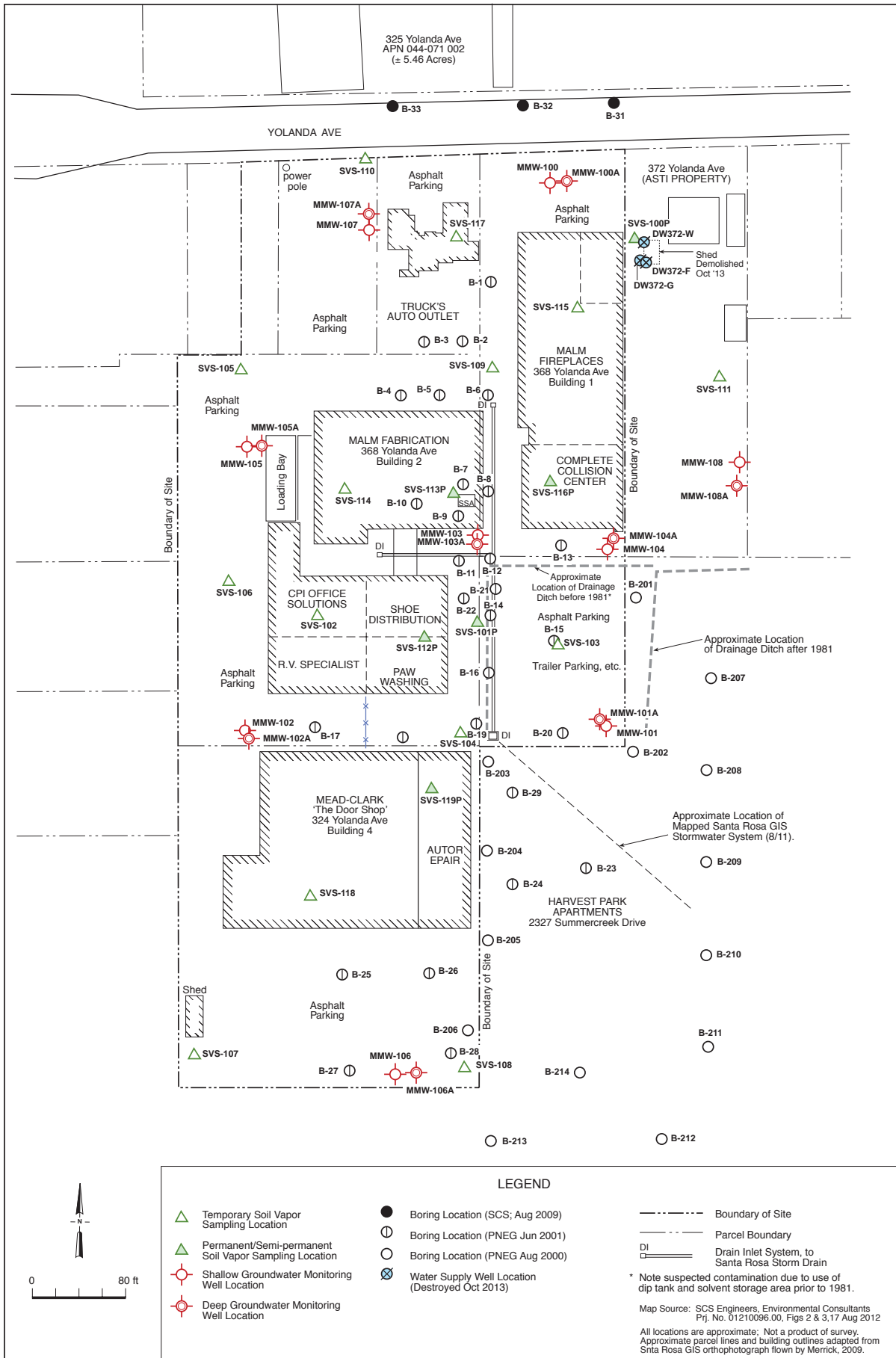


Kevin Coker, 09/21/15, S:\GIS\Projects\0698\MultiFireplaces\Fig.1\MultiFireplaces\SiteLocationMap.mxd



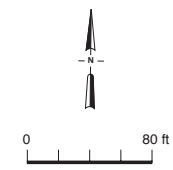
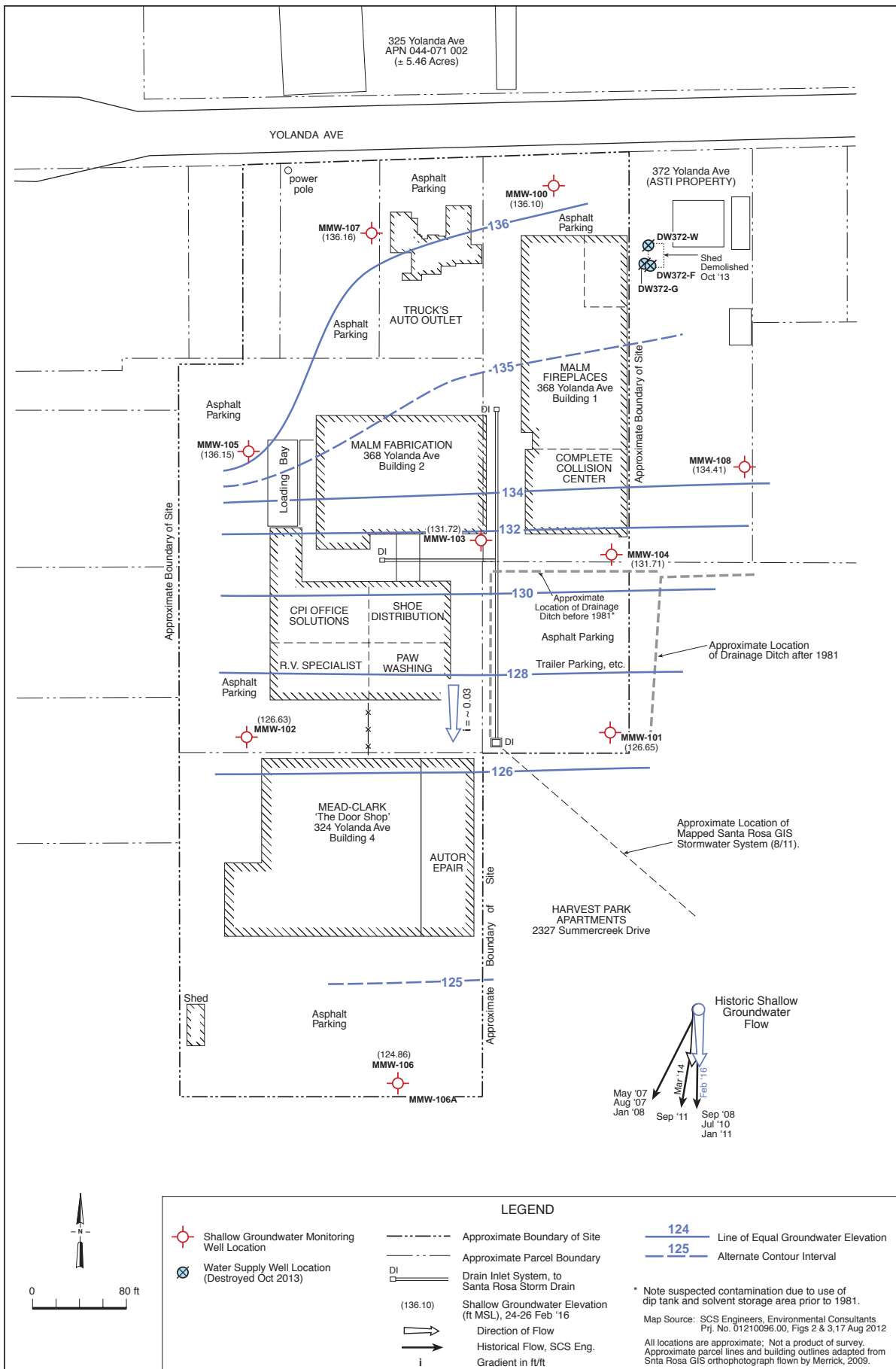
SITE LOCATION MAP **FIGURE 1**
368 Yolanda Avenue
Santa Rosa, California

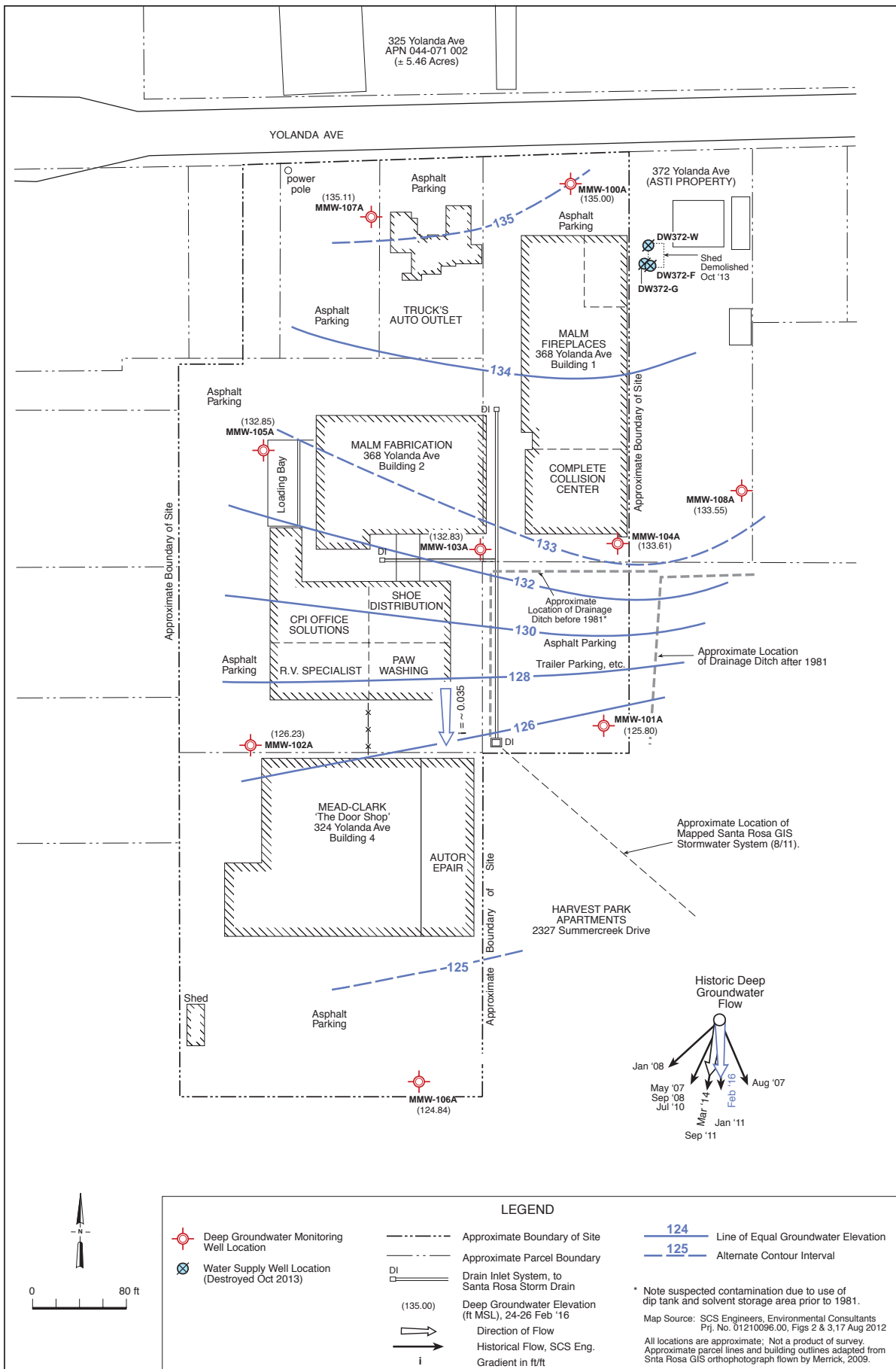
Job Number	0698.001.13	Reviewed By	EC&A, KC	Date	September 2015	Revised Date	
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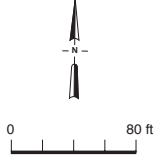
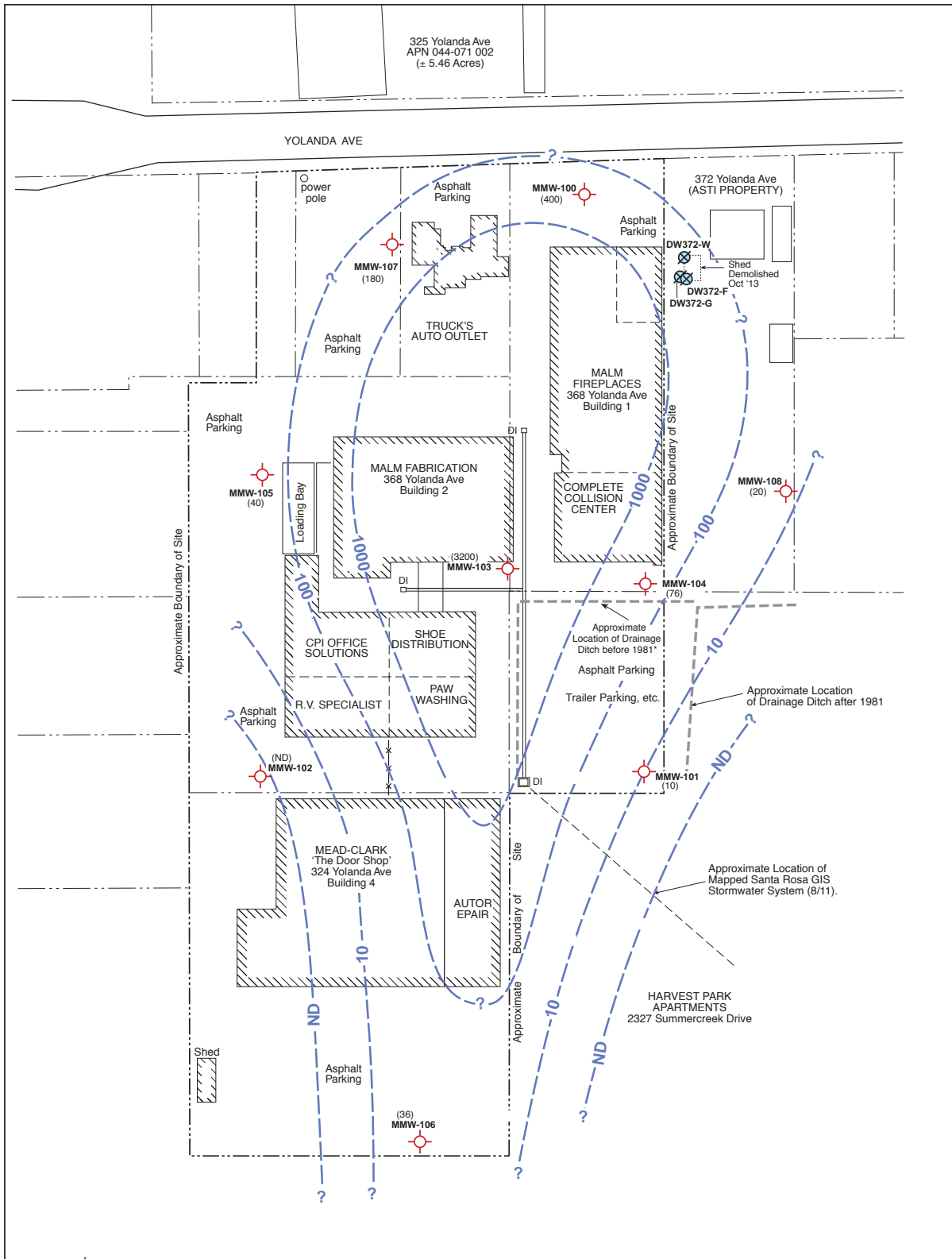


LEGEND			
	Temporary Soil Vapor Sampling Location		Boring Location (SCS; Aug 2009)
	Permanent/Semi-permanent Soil Vapor Sampling Location		Boring Location (PNEG Jun 2001)
	Shallow Groundwater Monitoring Well Location		Boring Location (PNEG Aug 2000)
	Deep Groundwater Monitoring Well Location		Water Supply Well Location (Destroyed Oct 2013)
			Boundary of Site
			Parcel Boundary
			Drain Inlet System, to Santa Rosa Storm Drain

TRACE #1533, 10 Aug '16	JOB NUMBER 0698,001.13	REVIEWED BY EC&A, Stephen Knuttel	DATE March 2013	REVISED DATE April 2016	PAGE 1 OF 1
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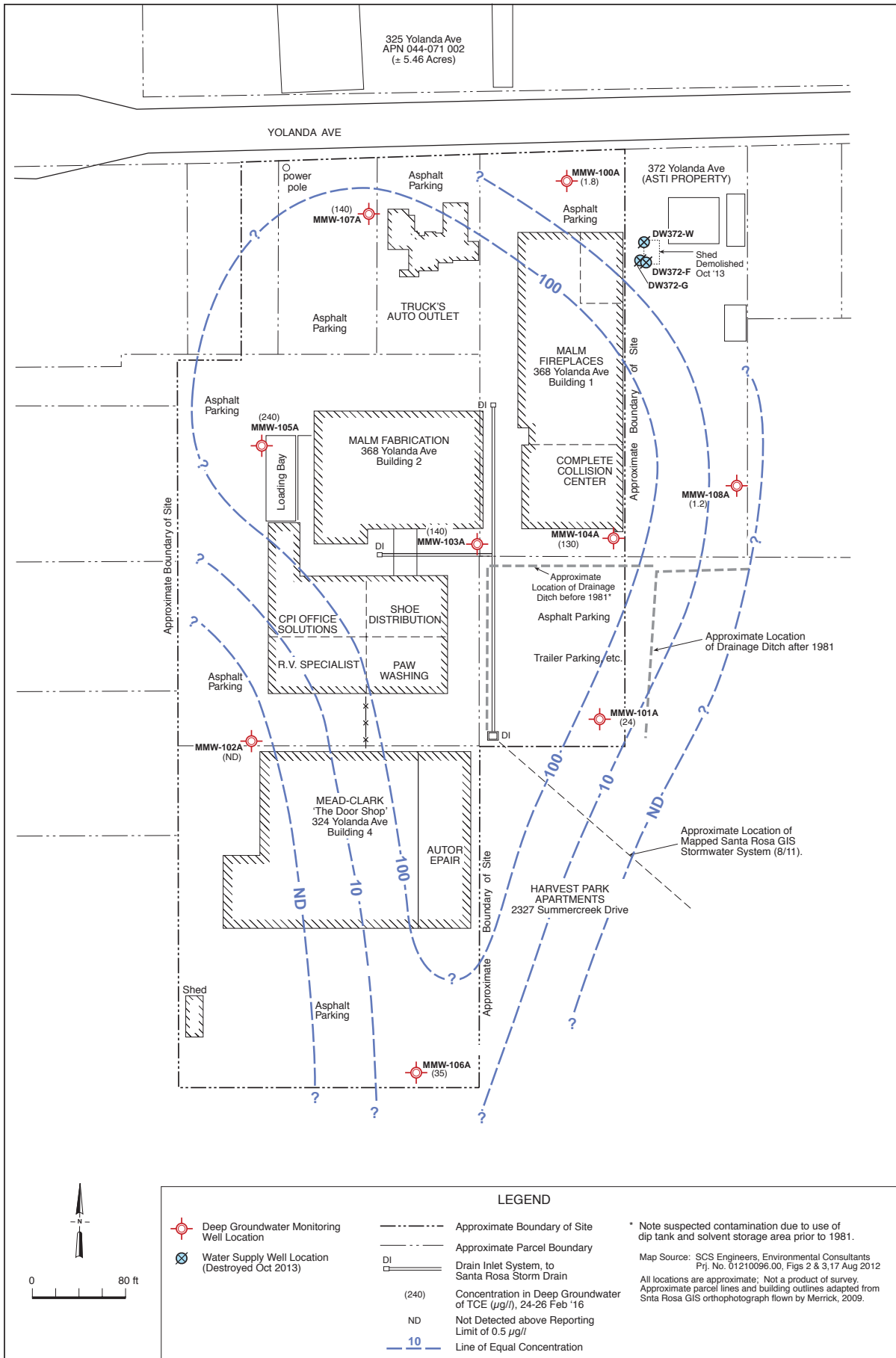






LEGEND

Shallow Groundwater Monitoring Well Location	Approximate Boundary of Site	<p>* Note suspected contamination due to use of dip tank and solvent storage area prior to 1981.</p>
Water Supply Well Location (Destroyed Oct 2013)	Approximate Parcel Boundary	Map Source: SCS Engineers, Environmental Consultants Prj. No. 01210096.00, Figs 2 & 3, 17 Aug 2012
Drain Inlet System, to Santa Rosa Storm Drain	Concentration in Shallow Groundwater of TCE ($\mu\text{g/l}$), 24-26 Feb '16	All locations are approximate; Not a product of survey. Approximate parcel lines and building outlines adapted from Santa Rosa GIS orthophotograph flown by Merrick, 2009.
(400) Concentration in Shallow Groundwater of TCE ($\mu\text{g/l}$), 24-26 Feb '16	ND Not Detected above Reporting Limit of 0.5 $\mu\text{g/l}$	
ND Not Detected above Reporting Limit of 0.5 $\mu\text{g/l}$	Line of Equal Concentration	



From: John Calomiris
To: [Bentz, Jo@Waterboards](mailto:Bentz_Jo@Waterboards)
Cc: [Stephen Knuttel](#); [Allan Henderson](#)
Subject: NCRWQCB Case No. 1NSR354 Malm Fireplaces Inc, 368 Yolanda Ave, Santa Rosa: Lamplighter Mobile Home Park Water Well Analytical results
Date: Wednesday, December 21, 2016 4:08:22 PM
Attachments: [IW Sample.11.07.16 - 1611357.pdf](#)

Jo,

Attached are the analytical results from the irrigation well (IW-2800) at the Lamplighter Mobile Home Park at 2800 Santa Rosa Ave, Santa Rosa. EC&A collected a sample from this well on November 7, 2016. The water sample was analyzed for HVOCs and 1,4-dioxane; all results were non-detect. The results were shared with the property owner when they were available.

A transmittal letter with analytical results will be sent to the property owner and posted on GeoTracker.

Please let me know if you have any questions.

Merry Christmas,

John Calomiris
Associate/Technical Operations Manager



Edd Clark & Associates Inc./Fuel Oil Polishing Company
Phone (707) 792-9500
Mobile (707) 484-7241
Fax (707) 792-9504
johnc@eddcarkandassociates.com

North Coast Regional Water Quality Control Board

December 27, 2017

Allan A. Henderson and
Kimberly L. Henderson Trust
c/o Allan & Kimberly Henderson
900 Quietwater Ridge
Santa Rosa, CA 95404

Malm Fireplaces, Inc.
c/o Keith Mason Crownover
Agent for Service of Process
3550 Golf View Terrace
Santa Rosa, CA 95405

Warren L. and Phyllis M. Welsh
5050 Hall Road
Santa Rosa, CA 95401

Dear Ladies and Gentlemen:

Subject: IRAP Implementation and Reporting Schedule –Extension

Site: Malm Fireplaces, Inc., 368 Yolanda Avenue, Santa Rosa
Case No. 1NSR354

Our April 27, 2017, letter to you directed that the over-excavation work proposed in Edd Clark & Associates' March 2013 "Revised Interim Remedial Action Plan [IRAP]: Over-excavation" and February 2016 "Addendum to the Revised IRAP: Over-excavation" should be completed before the winter of 2017. A summary report of these activities was required by December 21, 2017.

Based on discussions with Edd Clark & Associates' John Calomiris, the work was permitted and scheduled for the first week of October 2017. However, due to the extraordinary effects of the October 2017 fires, we are extending the deadline for these IRAP activities.

Please submit a revised schedule for completing the over-excavation by April 23, 2018, and a summary report of IRAP activities by December 21, 2018. Failure to complete the required actions may result in additional enforcement actions.

If you have any questions, please contact me at (707) 576-2030 or Tom.Magney@waterboards.ca.gov

Sincerely,

Tom Magney, P.G.
Engineering Geologist

171227_TNM_er_Extension

cc: Mr. John Calomiris, Edd Clark & Associates, JohnC@eddclarkandassociates.com
Santa Rosa Fire Department, GBuckheit@srcity.org
Ms. Leslye Choate, Sonoma County Environmental Health Division,
Leslye.Choate@sonoma-county.org
Mr. George Chien, Division of Drinking Water, Tsungchu.Chien@waterboards.ca.gov
Mr. David Noren, EBA Engineering, Dnoren@ebagroup.com
Mr. Glen Crownover Sr., 6745 Wintergreen Court, Santa Rosa, CA 95409
Mr. Dennis Asti, 1442 Los Alamos Road, Santa Rosa, CA 95404
Mountain View Mobile Estates, Attn: Ms. Cheryl Settle, Community Manager,
2860 Santa Rosa Avenue, Santa Rosa, CA 95407

From: John Calomiris
To: [Magney, Tom@Waterboards](mailto:Magney_Tom@Waterboards)
Subject: RE: Malm Fireplace/ Santa Rosa
Date: Wednesday, May 2, 2018 1:20:07 PM

Tom,

We have tentatively scheduled site work for the first week of September 2018. John's Excavating is in the process of confirming the start date. We have received a building department extension until November 6, 2018. The project should take about three weeks to complete.

I will keep you updated.

John Calomiris
Associate/Technical Operations Manager



Edd Clark & Associates Inc./Fuel Oil Polishing Company
Phone (707) 792-9500
Mobile (707) 484-7241
Fax (707) 792-9504
johnc@edclarkandassociates.com

From: Magney, Tom@Waterboards [mailto:Tom.Magney@Waterboards.ca.gov]
Sent: Tuesday, May 01, 2018 3:05 PM
To: John Calomiris
Subject: Malm Fireplace/ Santa Rosa

John:

Could you send (or re-send if you did it already) your proposed schedule for implementing the excavation IRAP for this site? I seem to recall seeing an email from you but can't find it. Thanks!

Tom Magney, PG
Engineering Geologist
North Coast Regional Water Quality Control Board
5550 Skylane Blvd. Ste. A
Santa Rosa, CA 95403-1072
(707) 576-2030

February 9, 2016

Job No.: 0698,001.13

Mr. Allan Henderson
900 Quietwater Ridge
Santa Rosa, California 95404

**Addendum to the Revised Interim Remedial Action Plan: Over-excavation
Malm Fireplaces, Inc.
368 Yolanda Avenue
Santa Rosa, California
NCRWQCB Case No INSR354**

Dear Mr. Henderson:

Edd Clark & Associates, Inc. (EC&A) is pleased to present this Addendum to EC&A's March 18, 2013 Revised Interim Remedial Action Plan (IRAP) for interim remediation by over-excavation at Malm Fireplaces, 368 Yolanda Avenue (site) in Santa Rosa, California (Figures 1 and 2). Site work is being conducted at the request of the North Coast Regional Water Quality Control Board (NCRWQCB) because of a release to the subsurface of metal cleaning solvents with trichloroethene (TCE) constituents reportedly used in sheet-metal fabrication activities historically performed at the site. The purpose of the proposed interim remedial activities is to remove a substantial volume of source material (TCE-impacted soil) that has contributed to TCE groundwater impacts and to mitigate TCE vapor intrusion concerns. In their letter dated April 23, 2013, the NCRWQCB commented on EC&A's March 20, 2013 Revised IRAP, and requested supplemental information prior to their approval of the proposed scope of work. A copy of this Addendum to the Revised IRAP will be provided to the NCRWQCB for their review and approval and electronically submitted to the State GeoTracker Internet Database (GeoTracker).

The NCRWQCB's requests (*italicized*) and EC&A's responses are detailed below.

- 2) *An air monitoring plan is needed for the proposed excavation. The plan should cover worker safety as well as exposure to on-site businesses, and nearby residences. There should be no TCE or other solvent vapor migration in the ambient air in the area surrounding the project.*

EC&A response: Elevated concentrations of halogenated volatile organic compounds (HVOCs) are likely to be encountered during the over-excavation activities. The primary chemicals of concern in soil and groundwater beneath the site are chlorinated ethenes TCE, 1,1-dichloroethene (1,1-DCE), and cis-1,2-dichloroethene (cis-1,2-DCE). TCE is the most significant chemical of concern in both soil and groundwater; 1,1-DCE and cis-1,2-DCE are breakdown daughter products of TCE.

Air monitoring for HVOCs will be performed during excavation activities using a hand-held portable aerosol monitor (MiniRAM) and a photoionization detector (PID) with the appropriate lamp (10.6eV) for the chemicals of concern (COCs) listed above. Air monitoring will be conducted to ensure that the exposure limits for the COCs are not exceeded. Ambient air will be monitored in the location of the excavation, upwind and downwind of the excavation, in areas where soil is stockpiled and along the perimeter/fence-line of adjacent properties. Background ambient air HVOC levels will also be monitored prior to the commencement of excavation activities.

If ambient air permissible exposure limits (PELs) are exceeded, increased dust control measures will be employed and/or appropriate personal protective equipment (PPE) will be utilized. Dusts control measures may include increased water application, decreasing driving speeds, or stopping work if excessive winds are present causing the PELs to be exceeded.

- 3) *A soil vapor suppressant is strongly encouraged to be used. Vapor suppressant products were used at the former Remco Hydraulics facility in Willits, when soils containing solvents were excavated. Suppressants were used during operation, on stockpiled soils and the excavation...".*

EC&A response: The use of a soil vapor suppressant similar to that used at the former Remco Hydraulics facility in Willits is not anticipated as the concentrations at the Site have not been documented to the extent that were present at the Remco facility and strong vapors have not been noted in former soil borings at the Site. However, if during over-excavation activities, excessive dust or elevated HVOC ambient air concentrations are experienced, a soil vapor suppressant such as EnviroClean™ or biosolve Pinkwater™ will be applied to stockpiled soils and exposed soil in the excavation as necessary. A Product information sheet for the bio-solve suppressant is included in Appendix A.

- 4) *The location of the proposed stockpile(s) needs to be identified. More details on how the stockpile area will be secured and the soil properly contained is needed.*

EC&A response: The stockpile(s) will be located as shown on the attached Figures 2 and 3. Best Management Practices (BMPs) will be implemented in an effort to minimize transport of soils offsite and into any area storm water conveyance structures. Stockpiled soils will be placed on and covered with visqueen which will be folded at the bottom to prevent run-on and run-off. The stockpiled soils will be covered at all times, except when the material is being handled. Straw waddles may be installed around the bottom perimeter of the stockpile, if necessary.

If necessary, absorbent booms and straw waddles will be anchored into the ground surface along the excavation perimeter using nails or rod. Inspection and proper maintenance of the controls and implementation of BMPs will be performed by the environmental consultant (EC&A) and the excavation contractor (John's Excavating) throughout the duration of the project. Any soils carried onto area roadways will be swept up the same day.

- 5) *No dust should be generated as part of this work. The workplan should specify methods to prevent generation of dust.*

EC&A response: Dust control measures will be implemented to minimize the concentration of airborne particulates resulting from soil excavation activities, truck traffic to and from the site, and the effects of ambient wind traversing exposed soils. Standard dust control practices include the application of water, street sweeping, and disposal truck cleaning and covering the trucks with a plastic/canvas tarp before they exit the site. If excessive dust is observed during over-excavation activities, work will be stopped until dust control measures can be implemented.

During excavation activities, EC&A field personnel will monitor the excavation area for fugitive dust emissions. Workers will minimize the amount of dirt or dust on their hands, face, clothing and shoes. If any clothing or shoes are visibly soiled, they will be cleaned with water or left at the site. Footwear and visible accumulations of soil will be cleaned with water. These activities will be performed prior to leaving the site. Personnel dust removal also includes removing coveralls (if used) and work gloves, and washing hands and face prior to eating, smoking or leaving the site.

- 6) *The workplan should be expanded to include logistics on where trucks will be loaded, transportation route to stockpile areas on-site (if applicable), and how the trucks will be loaded, tarped, cleaned and inspected for cleanliness prior to leaving the site on the way to the landfill. A route from the site to the landfill should be included.*

EC&A response: Soil will be excavated with an excavator and/or backhoe, staged adjacent to the excavation, and temporarily stockpiled in a soil management area, as designated on Figures 2 and 3. All of the soil transport trucks will be equipped with a weather proof tarp that will be secured over each load leaving the site, if necessary. EC&A field personnel and/or equipment operators will inspect trucks leaving the site for excessive dust and/or loose soil. A staging area will be designated where the trucks will be inspected and decontaminated (if necessary), to ensure that no loose soil or other material is tracked off-site onto street surfaces. If necessary, a metal truck grate will be installed to assist in soil removal from the tires prior to exiting the site. Specific areas to be inspected will be the tires and undercarriages and portions of the trucks that may have made contact with the impacted soil. Soil attached to the tires and fenders will be removed prior to departing the site. Any soil carried on to street surfaces from vehicle traffic will be swept up as soon as practical.

Access to the excavation area and stockpile staging area will be from the entrance driveway off of Yolanda Avenue. It will be the Class-A hazardous waste contractor's responsibility to ensure that their trucks, equipment, etc., are following the appropriate precautions when entering or leaving the site. All trucks carrying hazardous soil or other remediation derived waste for off-site disposal will be labeled and manifested prior to leaving the site.

Access and egress routes for trucks entering and leaving the work area and site are shown on Figure 2. The route to the designated landfill, Potrero Hills in Suisun City, is the responsibility of the licensed Class-A hazardous waste transporter which must comply with all applicable State Law's and requirements. The anticipated route which was provided to EC&A by the Excavation contractor is shown on Figure 4. Flaggers will be used to ensure safe traffic entry off of Yolanda Avenue.

7) *Installing shoring and/or sheet pilings can generate noise and vibrations. You need to ensure compliance with all local ordinances including any noise ordinance with the City of Santa Rosa. Notification to adjacent businesses should also be provided.*

EC&A response: Applicable local noise and construction ordinances will be followed during the installation of shoring and/or sheet piling. Advance notification of the excavation activities will be provided to nearby residents and/or tenants and employees.

Thank you for allowing EC&A to provide environmental services for you. Please call John Calomiris, Project Manager, at (707) 792-9500 if you have any questions.

Sincerely,
Edd Clark & Associates, Inc.



John Calomiris
Technical Operations Manager/Associate



Stephen Knuttel, PG #7674
Professional Geologist



Attachments

- Figure 1 - Site Location Map
- Figure 2 - Site Plan with Proposed Truck Traffic/Access Route
- Figure 3 - Site Plan with Proposed Over-excavation and Truck Route
- Figure 4 - Region Map - with Proposed Truck Route to Landfill

Appendix A - Bio-Solve Suppressant Information Sheet

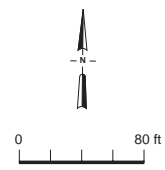
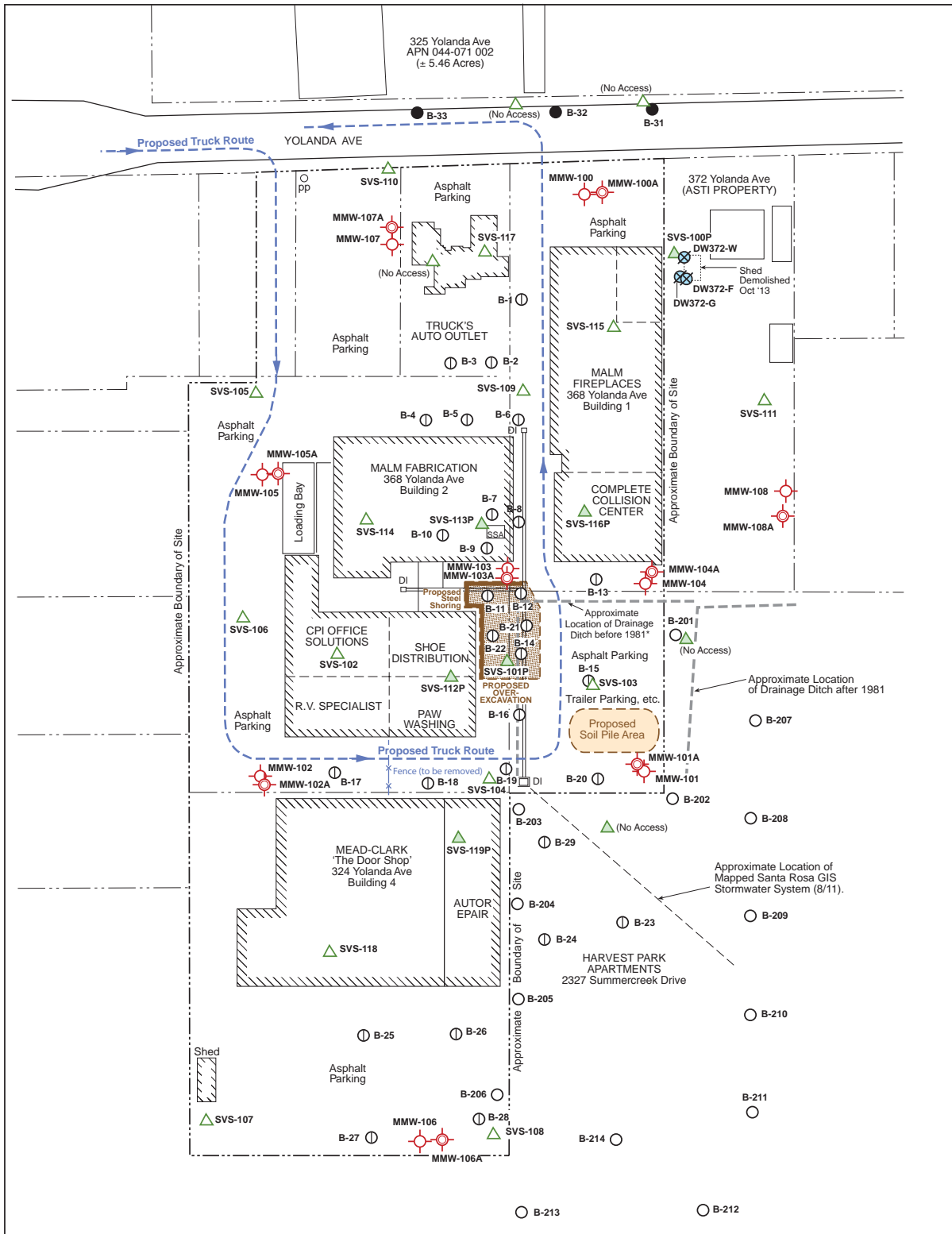
cc: Jo Bentz, North Coast Regional Water Quality Control Board
Scott Moon, Santa Rosa Fire Department, SMoon@srcity.org

Kevin Coker, 09/21/15, S:\GIS\Projects\0698\MultiFireplaces\Fig 1\MultiFireplaces\Site_LocationMap.mxd



SITE LOCATION MAP **FIGURE**
368 Yolanda Avenue **1**
Santa Rosa, California

Job Number	0698,001.13	Reviewed By	EC&A, KC	Date	September 2015	Revised Date	-
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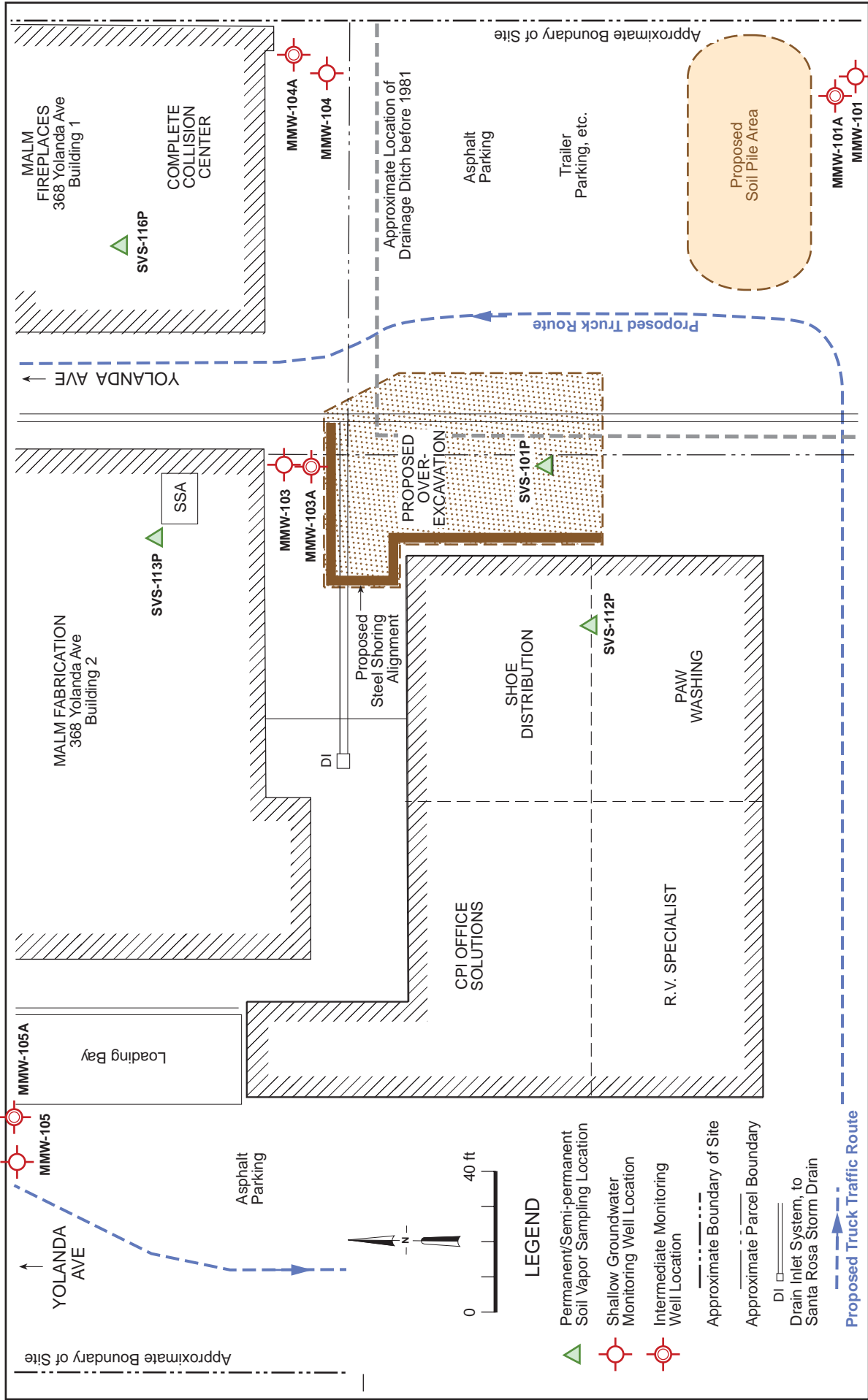
LEGEND			
	Temporary Soil Vapor Sampling Location		Recent Boring Location (SCS; Aug 2009)
	Permanent/Semi-permanent Soil Vapor Sampling Location		Boring Location (PNEG Jun 2001)
	Shallow Groundwater Monitoring Well Location		Boring Location (PNEG Aug 2000)
	Intermediate Monitoring Well Location		Water Supply Well Location (Destroyed Oct 2013)
			Proposed Truck Traffic Route
			Approximate Boundary of Site
			Approximate Parcel Boundary
			Drain Inlet System, to Santa Rosa Storm Drain

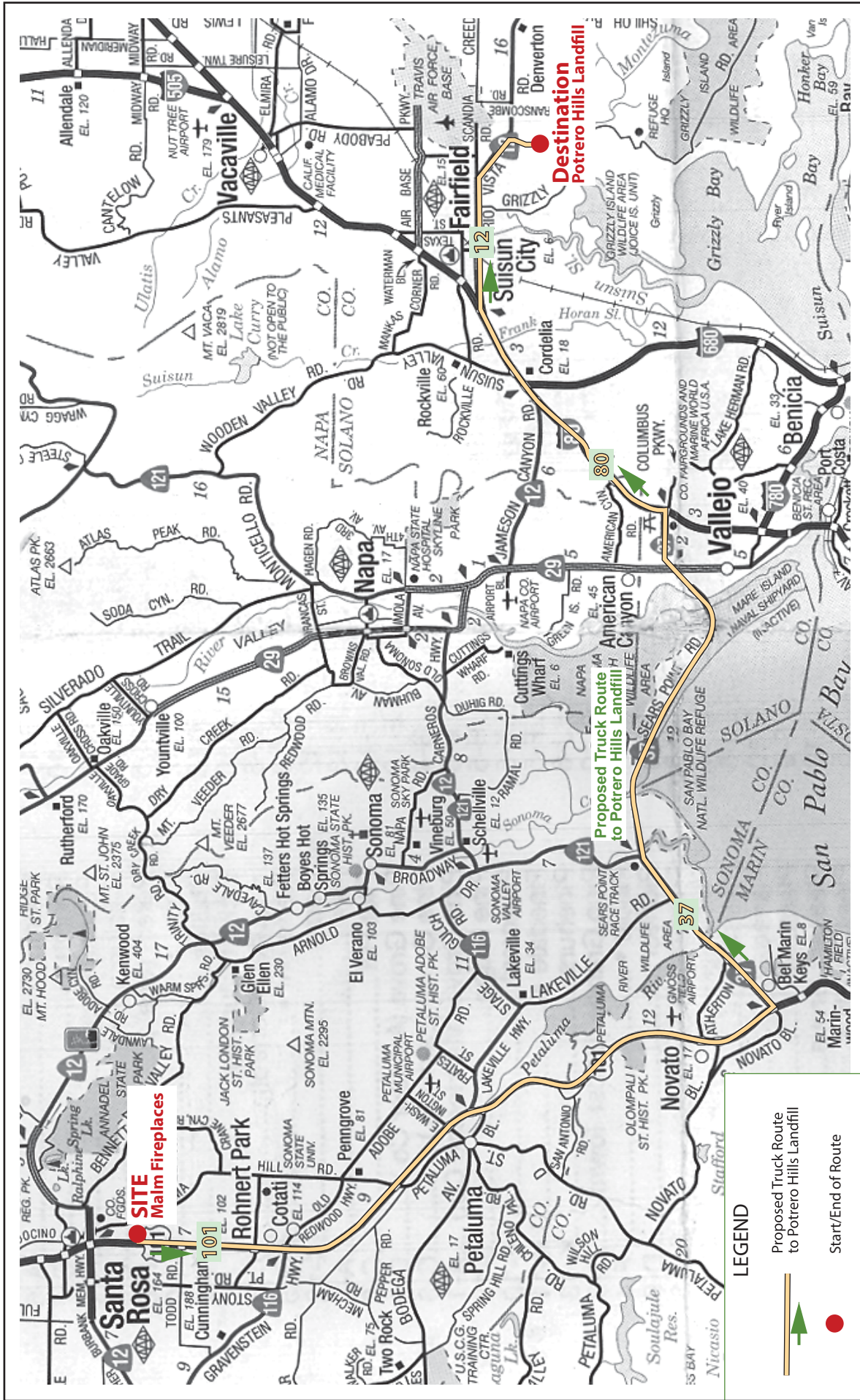
* Note suspected contamination due to use of dip tank and solvent storage area prior to 1981.

Map Source: SCS Engineers, Environmental Consultants Proj. No. 01210096.00, Figs 2 & 3, 17 Aug 2012

All locations are approximate; Not a product of survey. Approximate parcel lines and building outlines adapted from Santa Rosa GIS orthophotograph flown by Merrick, 2009.

JOB NUMBER	0698,001.13	REVIEWED BY	EC&A, Kevin Coker	DATE	March 2013	REVISED DATE	January 2016	PAGE	1	OF	1
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REGION MAP
with Proposed Truck Route to Landfill

EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

Malm Fireplaces
368 Yolanda Avenue
Santa Rosa, California

FIGURE 4

JOB NUMBER	0698,001.13	REVIEWED BY	EC&A, Kevin Coker	DATE	January 2016	REVISED DATE	
						PAGE	1 OF 1

(TRACE #1533, 27 Jan 16)

Appendix A

Bio-Solve Suppressant Information Sheet



APPLICATIONS

Vapor Suppression



BioSolve Pinkwater is used at major remediation and construction work-sites where excavation of contaminated soils may release noxious organic odors or hazardous VOCs. The dilute solution is sprayed directly onto newly exposed soil surfaces or stockpiles of contaminated material where volatilization is taking place.

Used as an alternative to foam, Pinkwater creates a barrier that keeps vapors in the soil, allowing work to continue safely without disruption to workers or neighbors.

Objectives

- Protect workers and neighbors from potentially harmful VOC emissions
- Reduce nuisance odors

Advantages of Pinkwater

- Works by "locking" VOCs in the soil, no need to maintain a foam "blanket"
- Can be applied in wet or windy conditions and on vertical surfaces
- Can be applied during active excavation
- Only standard equipment is required: mixing tank, hoses, pressure washers

An Information Sheet with more detailed application protocols is available from The BioSolve Company.

Call The BioSolve for assistance in determining the volume of Pinkwater your project requires. We can deliver directly to your project site according to your work schedule.

HOW TO USE »

Summary guidelines on the use of BioSolve Pinkwater in this application.

SELECTED CUSTOMERS »

A brief list of illustrative customers who use Pinkwater in this application

WHAT CUSTOMERS SAY »

This is what we hear from customers over the phone and at project sites





Language v

company news

(781) 482-7900 | Contact

[Redacted contact information]



PRODUCTS TECHNOLOGY APPLICATIONS ORDERING BIOSOLVE

APPLICATIONS

How to Use: Vapor Suppression

- Prepare a 3% - 5% dilute solution of BioSolve Pinkwater concentrate with water in a mixing tank
- Apply with backpack sprayer, pressure washer or fire hose
- Apply Pinkwater solution to exposed soil in active work areas until surface is saturated
- For small areas, apply at the rate of about 1 gallon dilute solution per 30 square feet
- Reapply when soil surface becomes dry or odor is again detected
- For active excavations and large work areas, apply continuously using multiple pressure washer systems. Some sites may require stationary misters



[BACK TO APPLICATION »](#)

HOW TO USE »

Summary guidelines on the use of BioSolve Pinkwater in this application.

SELECTED CUSTOMERS »

A brief list of illustrative customers who use Pinkwater in this application

WHAT CUSTOMERS SAY »

This is what we hear from customers over the phone and at project sites



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REPORT:
**LOW-THREAT CLOSURE SITE EVALUATION
AND REQUEST FOR CASE CLOSURE**

Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case No. 1TSR050

Prepared for:

Hulsman Transportation
P.O. Box 423
Santa Rosa, CA 95402

Prepared by:

Environmental Geology Services
6169 Amie Drive
Windsor, CA 95492

David L. Bush, PG 8989
Principal Geologist



December 27, 2016
Project #451.0711

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Appendix B: Analytical Soil and Groundwater Summary Data Tables

Appendix C: Historic Concentration Trend Charts 1 through 12

Appendix D: Boring Logs

Appendix E: DW-325 Analytical Laboratory and QA/QC Report dated Feb 29, 2016

Appendix F: ECON Report dated November 3, 2008 (MW-1 and MW-2 destruct)

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Mr. Jim Hulsman, jhulsman1@frontier.com

Mr. Paul Hulsman, phulsman@yahoo.com

Uploaded to State Geotracker Database

INTRODUCTION

This revised Site Evaluation for Case Closure Report (Report) has been prepared by Environmental Geology Services (EGS) for Hulsman Transportation, Mr. Jim Hulsman and Mr. Paul Hulsman, Client and Responsible Party (RP) for the site located at 325 Yolanda Avenue, Santa Rosa, CA (Plate 1, Site Location Map).

This Report has also been prepared in response to the directives of the North Coast Regional Water Quality Control Board (NC-RWQCB) in accordance with their letters dated October 5, 2015 and May 13, 2016.

This Report revises our initial Low-threat Closure Policy (LTCP) Site Evaluation dated March 3, 2016, and includes an update to the site specific Site Conceptual Model (SCM), initially submitted in our June 2012 FSCAP. The SCM includes a comprehensive site history and background, regional and local geology and hydrology, discusses the extent of residual contaminant impacts and presents an estimate of remaining contaminant mass, and contains a risk assessment that includes sensitive receptors and potential exposure pathways.

This Report presents the tabulated historic site soil and groundwater data and well construction details and boring logs, presents historic concentration trends that display decreasing long term trends, provides historic groundwater gradient information, residual contaminant plume definition, discusses the co-mingling plumes between the subject site and adjacent site, and discusses current and future site and surrounding area use.

Finally, this Report compares the subject property's UST Investigation with the general criteria included in the State of California's Low-Threat Closure Policy (LTCP), as adopted in August 2012.

This Report has been submitted on behalf of Hulsman Transportation with the goal of achieving case closure for this site in accordance with the State's LTCP, in response to the NC-RWQCB October 5, 2015 letter, and incorporates comments made by the NC-RWQCB in their letter dated May 13, 2016.

The site specific Site Conceptual Model is presented in the following sections of this Report, followed by the Site LTCP Evaluation and formalized request for case closure.

SITE CONCEPTUAL MODEL

BACKGROUND

Site and Vicinity Description

The site is located on the north side of Yolanda Avenue, approximately 300 feet east of Santa Rosa Avenue in the southern portion of Santa Rosa, California (Plate 1, Site Location Map, Appendix A). The site has been owned by the Hulsman family since the 1940's, and has been operated by Hulsman Transportation (RP) since that time through the 2010's. The property consists of Sonoma County APN 044-071-002, which totals 5.46 +/- acres (Plate 2, APN Map). The primary building was constructed on the property in approximately 1947 (Plate 2, Site Map).

The subject property is zoned as CG (General Commercial) by the City of Santa Rosa, and has been nearly developed by both The Home Depot and Lowe's stores over the past 10 years, and is currently being considered for future commercial development. The site is located in an area of Santa Rosa that is mixed use commercial and light industrial, however, there are a few intermixed residences as well.

The primary historic site use has been a transportation company (Hulsman Transportation) for over road trucking and transport of goods. The site includes a loading dock and storage and parking areas, as well as storage buildings and the like. The property had been in use as a trucking company since the 1940's and through the 2010's. Since Hulsman Transportation discontinued use of the property for their own business, the Hulsman family has leased portions of the property for various uses primarily for construction company storage of equipment and staging areas for development and infrastructure improvement projects in the Santa Rosa area.

Of significance to area wide contamination are the following sites that have current investigations related to leaking USTs or other contamination (e.g., solvents):

- Redwood Oil #141 (Bulk Plant) - 455 Yolanda Ave, located east of the site. Leaking UST Investigation (NC-RWQCB Case No. 1TSR261).
- Malm Fireplaces, Inc. - 368 Yolanda Ave, located south of the site. Solvent Investigation (NC-RWQCB Case No. 1NSR354).

- Malm Metal, Yolanda Gas Spill - 2640 Santa Rosa Ave, located southwest of the site. Leaking UST Investigation (NC-RWQCB Case No. 1TSR256).

In addition to the above stated active investigations, there are numerous investigations that have received case closure in the surrounding area including the following:

- Michael's Auto (McDonald's) - 2642 Santa Rosa Ave, located west of the site. Leaking UST Investigation (NC-RWQCB Case No. 1TSR256).
- Auto Life Center - 2698A Santa Rosa Ave, located south of the site. Solvent Investigation (NC-RWQCB Case No. 1NSR256).
- Private Residence- 463 Yolanda Ave, located east of the site. Leaking UST Investigation (NC-RWQCB Case No. 1TSR052).
- Hepper Spill - 2775 Santa Rosa Ave, located northwest of the site. Leaking UST Investigation (NC-RWQCB Case No. 1TSR099).

UST Removals

- ▶ 500-gallon gasoline UST (*PRIMARY SOURCE*), removed in 1982 (current investigation focus, Plates 3-5)
- ▶ 4,000-gallon and 8,000-gallon diesel UST's, removed in 1988 (Plates 3-5)
- ▶ 180 cubic yards of soil from diesel UST area and 175 cubic yards of soil from gasoline UST area (*SECONDARY SOURCE*) over-excavated in the area of former UST's (1988 and 1991, respectively)

Previous Environmental Reports

There have been numerous soil borings advanced and monitoring wells installed on the subject site. The results of which indicate that the residual contamination is limited to the south-southwest limits of the subject site, and has very slowly migrated in a southwestern direction beneath Yolanda Avenue.

Based on our review of the subject site, the following reports document activities that been completed to characterize residual contamination at the site to date:

- Kleinfelder, *UST Removal and Sampling Report*, October 13, 1988.
- Herzog & Associates, *Report: Underground Tank Investigation*, February 27, 1989.
- Herzog & Associates, *Quarterly Groundwater Monitoring Reports*, 1989.
- Hilmer Consulting, Inc., *Report: Preliminary Environmental Assessment*, July 16, 1990.
- Sierra Environmental Sciences, *Report: Soil Remediation and Monitoring Well Installation*, June 8, 1992.
- Edd Clark & Associates, Inc., *Report: Soil and Groundwater Investigation*, November 2, 1998.
- Edd Clark & Associates, Inc., *Remedial Investigation*, August 2001.
- ECON, *Summary Report: Monitoring Well Installation and Groundwater Monitoring*, November 25, 2001.
- ECON, *Corrective Action Plan*, April 2, 2004.
- ECON, *Revised Corrective Action Plan*, August 16, 2004.
- ECON, *Summary Report: Groundwater Investigation and Well Installation*, March 14, 2005.
- ECON, *Corrective Action Plan*, April 3, 2008.
- ECON, *Summary of Well Destruction Activities (MW-1 and MW-2)*, November 3, 2008.
- ECON, groundwater monitoring reports documenting the November 2004, February 2005, November 2007, and March 2010 sampling events.
- EGS, *Corrective Action Plan*, June 26, 2012.
- EGS, *Bench Test Report*, April 23, 2013.

- EGS, *Installation Report: Air Operated Air Sparging System (AOSS)*, June 26, 2014.
- EGS, groundwater monitoring reports documenting the October 2011, March and October 2012, March, June, and September 2014, and Mar/Apr 2015 sampling events.
- EGS, *Soil Vapor Investigation and Sensitive Receptor Survey*, November 25, 2016.

A summary of analytical results for historic soil and groundwater samples collected at this site may be found attached to this Report as Tables 1 through 7 (Appendix B). These tables will be referred to throughout this Report.

Previous Investigations

The current UST investigation of residual soil and groundwater contamination at this site is related to a former 500-gallon underground storage tank (UST) containing older, leaded gasoline which was removed from the site in September 1982 (Sierra, 1992). According to the property owner, the former 500-gallon UST was approximately 40-50 years old. There was no soil excavated during the time of the UST removal in 1982, and no follow-up soil and groundwater investigation at that time.

On October 4, 1988 two (2) UST's, one 4,000-gallon and one 8,000-gallon containing diesel fuel, were removed from the site under the direction of Kleinfelder (Kleinfelder, 1988). Confirmation soil sidewall samples were collected which initially indicated residual diesel fuel contamination (SN-1, SM-1B, SM-1A, SS-1, Table 6). However, upon receipt of the initial sidewall analytical results, additional soil was removed and additional confirmation sidewall samples were collected which indicated no detections of residual diesel fuel (SM-1b-1 16", SM-1a-1 16", SS-1-1 14", Table 6).

On November 29, 1988, Herzog installed monitoring well MW-1 (Plate 4) to a depth of 46.5 feet bgs, with a screen from 24-46.5 feet bgs (Table 8). Soil samples were collected from MW-1 at a depth of 15 feet bgs resulting in no detections for compounds analyzed (Table 6). On December 7, 1988, April 14, 1989, July 14, 1989, and October 25, 1989 groundwater samples were collected from MW-1 with no detections of TPH-D/MO or BTEX compounds (Table 5).

On April 27, 1990, Hilmer Consulting installed MW-2 near the former diesel UST's (Plate 4) with a screened interval from 25.3 feet bgs to 45.3 feet bgs (Table 8). Soil samples were collected from depths of 21 and 31 feet bgs resulting in no detections of compounds

analyzed for (Table 6). On June 8, 1990, groundwater samples were collected from MW-2 resulting in no detections of TPH-G or BTEX compounds.

On December 18, 1991, Sierra Environmental Sciences (Sierra) completed a limited over-excavation of approximately 175 cubic yards (CY) of soil (Sierra, 1992). Four (4) sidewall samples collected from 12 feet bgs, and one bottom sample collected from 23 feet bgs, were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-G) and the compounds comprising BTEX (benzene, toluene, ethyl-benzene, and xylenes). There were no detections of compounds analyzed for in the soil samples collected from the sidewalls. There were detections of each analyte in the bottom soil sample as follows: TPH-G at a concentration of 15 mg/kg (or parts per million, ppm), benzene at 0.070 ppm, toluene at 0.23 ppm, ethyl-benzene at 0.084 ppm, and xylene at 0.36 ppm (Sierra, 1992; Table 6, Appendix B). The excavation was lined and backfilled with pea gravel.

Sierra installed MW-3 (Plate 4) located adjacent to the east of the UST excavation on January 27, 1992 to a depth of 39.5 feet bgs¹, with a screen interval from 22 feet bgs to 39.5 feet bgs (Table 8). As stated in the conclusions of Sierra's January 27, 1992 report, "Hydrocarbons as gasoline are present in the saturated soil samples and groundwater in the area below the former [UST]. Unsaturated soil samples analyzed from boring MW-3 did not contain hydrocarbons as gasoline." On January 30, 1992, Sierra collected groundwater samples from MW-3 which resulted in detections of TPH-G at a concentration of 13,000 ug/L (or parts per billion, ppb), benzene at 2,200 ppb, toluene at 200 ppb, ethyl-benzene at 650 ppb, and xylene at 1,100 ppb.

In 1998, Edd Clark & Associates (ECA) implemented a soil and groundwater investigation on the subject site by advancing four (4) soil borings (HB-1, HB-2, HB-3, HB-4, Plate 4) to depths of twenty (20) feet bgs. There were no detections of TPH-G, BTEX compounds, or MTBE (methyl tert-Butyl ether) in the soil samples collected from the "HB" borings (ECA, 1998; Table 7, Appendix B). There were detections of TPH-G and BTEX compounds in the grab groundwater sample collected from boring HB-1 as follows, and as listed in Table 4 (Appendix B): TPH-G at a concentration of 6,400 ppb, benzene at 1,800 ppb, toluene at 22 ppb, ethyl-benzene at 300 ppb, and xylene at 43 ppb. With the exception of a very low detection of benzene at a concentration of 1.1 ppb in HB-2, there were no detections of TPH-G or BTEX compounds in borings HB-2, HB-3, and HB-4 (Table 4). There were also no detections of MTBE in any of the groundwater samples collected from the "HB" soil borings in 1998 (ECA, 1998).

1

This screen interval extended from the base of the shallow aquifer through the clayey aquitard and into the deeper aquifer in the area of the former 500-gallon UST (Plates 6 and 7).

In April 2001, ECON advanced two (2) additional soil borings (EB-1 and EB-2, Plate 4) to depths of approximately 20 feet bgs in the northwest direction from HB-1 and the former UST. Additionally, ECON installed monitoring well MW-4 adjacent to EB-1. Grab groundwater samples were collected from EB-1 and EB-2. There were no detections of compounds analyzed for including TPH-G, BTEX, and MTBE in groundwater samples collected from EB-1 (Table 4, Appendix B). With the exception of TPH-G detected at a concentration of 67.7 ppb, there were no detections of these compounds in EB-2 (Table 4). Soil and groundwater samples were collected at the time of MW-4 installation which resulted in no detections of compounds analyzed for (Tables 4 and 7, Appendix B).

On September 26, 2001, ECON completed a groundwater monitoring event of original site wells MW-1, MW-2, MW-3, as well as newly installed MW-4. Groundwater samples collected from MW-1, MW-2 (former diesel UST area) and MW-4 resulted in no detections of TPH-G, BTEX, and MTBE. However, TPH-G, BTEX, and MTBE were detected in MW-3 at concentrations of 3,000 ppb, 770 ppb, and 37 ppb, respectively.

ECON reported a northeast gradient during this sampling event. However, based on our review of the soil borings logs, it appears that with the exception of MW-4, the original wells (MW-1, MW-2, and MW-3) were installed in the second underlying aquifer at this site (greater than 35 feet bgs). Therefore, it is our opinion that the resulting northeast gradient direction was calculated using separate aquifers, and therefore not an accurate representation of the underlying, shallow seasonal aquifer.

In November 2004, ECON installed the existing groundwater monitoring wells MW-1s, MW-2s, MW-3s, and MW-3d at the subject site (Plate 4), which have since been sampled as part of ongoing groundwater monitoring. ECON also abandoned original well MW-3, and attempted to abandon original wells MW-1 and MW-2, but was unable to locate the wells. However, in November 2008, ECON was successful in locating original monitoring wells MW-1 and MW-2, and destructed these well under Sonoma County permit. A copy of ECON's MW-1 and MW-2 destruction report dated November 3, 2008 is attached to this report for reference Appendix F. ECON completed groundwater monitoring events in 2004, 2007 and 2010, and also completed a Corrective Action Plan (CAP) in 2008.

EGS was retained by the RP in 2011 to continue the UST investigation. EGS has completed groundwater monitoring of the site, completed and implemented a CAP using an Air Operated Sparge System (AOSS), and has further characterized the site including a Soil Vapor Investigation and Sensitive Receptor Survey (November 2016).

In August 2016, EGS contracted with NorCal Geophysical in an attempt to locate original monitoring wells MW-1 and MW-2, as well as missing well B-18. MW-1 and MW-2 were

located near the former diesel UST's. However, based on the observed very poor integrity of MW-1 and MW-2, it appeared that these wells had been abandoned. After reviewing additional site files, EGS located ECON's November 3, 2008 Well Destruction report (Appendix F) which confirms that MW-1 and MW-2 had been abandoned. During well future well destruction, EGS will direct the driller to attempt to destruct B-18, if this well is located beneath the asphalt along Yolanda Avenue.

Groundwater Monitoring

Groundwater at the site was infrequently monitored since the time of the UST removal in 1982. Original monitoring wells MW-1, MW-2 and MW-3 were sampled and results are presented in Table 5 attached of this report. ECON completed groundwater monitoring events of the current wells in November 2004, February 2005, November 2007, and March 2010 (Tables 1 through 4, Appendix B).

EGS was retained by Hulsman Transportation in July 2011. EGS has completed groundwater monitoring events in October 2011, March and October 2012, March, June, and September 2014, and Mar/Apr 2015. As part of EGS' groundwater monitoring, wells that had been associated with the adjacent Malm Metal UST Investigation (B-15, B-16, B-17, and B-27) have been incorporated into the Hulsman Transportation investigation based on the requirements of the NC-RWQCB (letter dated August 26, 2010).

EGS had planned to abandon monitoring well B-15 since it appeared to be destroyed. However, on April 13, 2012, EGS located the well casing, which had been capped. The Christy box was destroyed, but the well seal remained intact, and the well casing was not damaged. Therefore, EGS replaced the Christy box and the well is again functional and will be incorporated into the ongoing monitoring.

In August 2016, EGS located the possible area for well B-18. The missing well B-18 appears to presently be located beneath the asphalt roadway along Yolanda Avenue. EGS will remove the overlying asphalt in the suspected area to determine if B-18 remains present for sampling.

Previous Corrective Action Plans

ECON prepared the Corrective Action Plan dated April 2, 2004, with a revision dated August 16, 2004. Additionally, ECON prepared a separate Corrective Action Plan dated April 3, 2008.

The ECON CAP's were not accepted by the NC-RWQCB for a variety of reasons, and the letter dated August 26, 2010 submitted by the NC-RWQCB requested the Hulsman to prepare and submit an acceptable CAP for the site.

EGS completed the Corrective Action Plan dated June 26, 2012 that included a recommendation to implement an air sparging remedial system at the site. The CAP was approved by the NC-RWQCB in their July 2, 2013 letter.

Corrective Action

In 2013, EGS began implementing remedial action at this site. A Bench Test was completed to evaluate the effectiveness of air or ozone sparging at the subject site, as documented in our April 23, 2013 Report. In December 2013, EGS installed ten (10) sparge wells, two deeper sparge wells in the second groundwater aquifer (RW-1d and RW-2d, Plate 10), and eight (8) sparge wells in the shallow groundwater aquifer (RW-3 through RW-10, Plate 10). Construction details of the sparge wells are included in Appendix D.

The following procedures were conducted during the AOSS system construction and start-up, as documented in our June 26, 2014 AOSS Installation Report:

- *March 11, 2014:* EGS receives the City of Santa Rosa Encroachment Permit Number EP14-0024 dated March 11, 2014.
- *March 12, 2014:* EGS completes the coordinated monitoring effort to establish baseline concentrations of contaminants of concern as well as additional compounds.
- *March 19, 2014:* EGS met with EnviroPacific on site to conduct the Pilot Study.
- *April 2-7, 2014:* EGS met with EnviroPacific, our subcontracted installation and electrical contractor, on site to make final trench location delineations for the air delivery tubing trenches. EnviroPacific completes delivery tubing trenches and conduits, installs well heads and connects delivery tubing to location inside of southwest corner of building. Asphalt was cut where needed, and soils were excavated using a 10 hp D-W 1330 trencher in the locations presented on Plate 5. The trenches are approximately six (6) inches wide and are as deep as eighteen (18) inches. Upon removal of the soils from the trenches, a one-inch diameter conduit was installed. A dedicated conduit for each air sparge point was installed that contains the delivery tubing. After the conduits were in place, the trenches were backfilled using the excavated soils, and compacted. The delivery tubing was

fed through each dedicated conduit line, and connected to each sparge well head and tightened. The delivery lines connected each of the sparge wells to the AOSS (described in a following section) control panel. The air delivery lines were installed splice (joint) free to minimize the potential for leakage. Upon installation of each delivery tube, the lines and well head were pressure tested. With the exception RW-10, each sparge well had no leaks detected during the initial pressure testing. A leak was detected adjacent to the well casing in RW-10 and repaired prior to system start-up.

- *April 10, 2014:* EGS installs protective barrier along Yolanda Avenue to protect sparge well integrity from traffic, in accordance with City of Santa Rosa Encroachment Permit.
- *April 26-27, 2014:* EGS met with EnviroPacific to provide access to building for AOSS installation. EnviroPacific constructed a 2x2 ft delivery tubing containment box outside of the building to protect the tubing before it enters the building to be connected to the AOSS control panel. EnviroPacific completed the installation and initial test runs.
- *April 28, 2014:* EGS completed the initial system test by operating the system through each sparge well for one minute durations to records initial breakthrough pressures, line pressures and flow rates, as well as checking for leaks.
- *April 29, 2014:* EGS completes second system test and leak detection.
- *April 30, 2014:* EGS verifies with Mr. Craig Hunt, NC-RWQCB, that the NC-RWQCB is not needed to be present on site for system start-up and authorizes EGS to proceed. Therefore, EGS sets the system to cycle through each well for longer durations of 5 minutes as a final system test prior to AOSS system start-up. However, the AOSS system shut down after approximately 20 minutes of continuous operation. EGS consulted with EnviroPacific who targeted the contactor as drawing to many amps and overheating the system programmable timer. Therefore, EGS replaced the contactor and the system worked properly.
- *May 1, 2014:* AOSS START-UP - EGS completes final field test by programming the system to cycle through each shallow well over a 40 minute duration, as well as RW-2d for 15 minutes. System operated without issue, and small leaks were repaired. Finally, EGS programed the system to operate for 2 cycles per day. Since the deeper aquifer is confined, and air pressure during the pilot study caused significant mounding and pressure build up, EGS adjusted the deeper sparge wells

to operate at a reduced duration as compared to the shallow wells. The deeper sparge well RW-1d was programmed to operate on odd days for 30 minutes per cycle (60 min/day), and RW-2d was programmed to operate on even days for 30 minutes per cycle (60 min/day). The shallow sparge wells were programmed to operate daily for 85 minutes per cycle (170 min/day). Each of the two daily cycles are 12 hour duration with a 10 minute lag time between cycles to allow the compressor to cool.

- *May 9, May 16, May 27, June 6, and June 24, 2014:* EGS makes brief field inspections to verify system operation and check for leaks or other malfunctions, with none observed.
- *June 12, 2014:* EGS completes First Quarterly Groundwater Monitoring.
- *June 24, 2014:* Based on analytical results, EGS completes adjustment to the programmed cycle times. The operating duration of sparge wells RW-7 and RW-8 were each increased from 85 min/cycle to 100 min.

EGS operated the AOSS with successful results indicating a significant decrease in residual petroleum hydrocarbons in all wells. After approximately 6 months of AOSS operation, EGS requested the NC-RWQCB consider turning the AOSS off and complete a rebound groundwater monitoring event. This was completed and documented in our May 6, 2015 Report. Concentrations of residual petroleum hydrocarbons did rebound, although concentrations of benzene and MTBE remained well below the LTCP criteria. Therefore, EGS recommended that the NC-RWQCB consider case closure by LTCP since detections of benzene and MTBE were well below the LTCP criteria.

REGIONAL AND SITE GEOLOGY / HYDROGEOLOGY

Geologic and Hydrogeologic Setting

The site topography is generally flat with a very gentle slope to the west. The nearest surface water body is Colgan Creek, which flows from east to west toward the Laguna de Santa Rosa, located approximately 2400 feet to the northeast (upgradient from the site), and also approximately 2600 feet to the west of the site.

The site is located near the southern limits of the City of Santa Rosa, which is located within the Santa Rosa Plain, a northwest trending structure. The GPS location of the former 500-gallon UST at the site is 38° 24' 47.88" N, 122° 42' 42.73" W at an elevation of 145 ft above M.S.L.

A series of northwest trending hills, locally as high as approximately 2000 ft M.S.L., are located adjacent to the east of the Santa Rosa Plain. These hills, a part of the Coast Range Province, are predominantly Cretaceous age Franciscan assemblage rocks and Sonoma Volcanics. Approximately 5.5 miles to the east from the site is the Rogers Creek Fault, an active fault zone part of the larger San Andreas Fault system.

The site is located on an alluvial plain that has been filled by the erosion of the hills to the east. The site area is mapped as being underlain by Holocene age Alluvium deposits consisting of non-indurated (non-cemented) fine grained sands, silts, and clays with locally coarser grained gravels. This Alluvium beneath the site area is likely underlain by the Sonoma Volcanics and Franciscan complex bedrock at depth.

The depositional environment of the alluvium would include a series of over bank flood deposits, down cutting and subsequent filling. In this kind of depositional environment, abrupt facies changes both laterally and vertically can be expected. The heterogeneity of the alluvium can result in variations in the depth to near surface unconfined seasonal aquifer and local variations in hydraulic conductivity.

A review of USGS-Water Supply Paper 1495, by F. Kunkel and J. E. Upson, (“Geology and Ground Water of the Napa and Sonoma Valleys, Napa and Sonoma Counties, California”) indicates that the (deeper) Alluvium, which underlies the site area is an important water-bearing formation in the region because of its extent, high porosity and moderate transmissibility.

Groundwater contour mapping by Kunkel and Upson shows that the depth to productive water-bearing zones in the general area is shallow (30 to 50 ft) and that the regional groundwater gradient is to the west. The heterogeneity of the alluvium can result in differences in groundwater gradient depending on the location, seasonal inflow from the hills to the east, and recharge from precipitation and nearby creeks. More site-specific information, based on subsurface exploration, is presented in following sections.

Local Geology and Cross-Sections

We prepared two generalized geologic cross sections through the area of investigation as indicated on Plate 5. Both of these sections (A-A', Plate 6 and B-B', Plate 7) show that subsurface alluvium is heterogeneous with both vertical and lateral facies changes resulting from deposition and erosion of fluvial deposits of clays, silts, sands and gravels. There is a wide range of alluvial soil types varying from moderately expansive silty clay to clayey gravel to sandy gravel. Most of the materials encountered are somewhat dense, and those with significant clay and silt fractions do not produce free water readily.

The upper most soils consist of silty clay with fine grained sand and intermixed granular material, is typically dry-damp, and extends to a general depth ranging from as shallow as 5-feet bgs (MW-3s, MW-3d, HB-3, Plate 6) to as deep as 15-feet bgs (B-36D, B-29 on the adjacent site and B-27, Plates 6 and 7). This unit is underlain by the unconfined shallow groundwater aquifer² that contains residual petroleum hydrocarbon contamination. The shallow groundwater bearing unit varies in thickness laterally, from as thick as 20-feet to as thin as 8-feet, with the base of the aquifer located from 22 to 25-feet bgs. The shallow groundwater aquifer consists mainly of sandy gravel to clayey gravel, but grades to silty sand to the southwest (Plate 6).

Separating the shallow aquifer from the deeper aquifer is a lower transmissive aquitard containing silts and clays. The aquitard varies in thickness, but is generally encountered at a depth of approximately 24-feet bgs and extends to a depth of approximately 33-feet bgs (Plates and 7). The deeper groundwater aquifer³ is generally located at a depth of 33 to 34-feet bgs. The deeper groundwater bearing unit is finer grained than the shallow aquifer, consisting of gravelly and silty sands with clay.

Transmissivity

We reviewed the subsurface boring logs describing soil types and densities completed by multiple consultants related to the subject site and the adjacent site located at 2640 Santa Rosa Avenue (Malm Metal). From this review we estimate that the upper, surficial soils have a medium permeability with a low to medium transmissivity. The shallow groundwater aquifer, although it contains fine grained material (clay and silt), is relatively granular.

EGS estimates the permeability of this unit to be higher, with a medium to high transmissivity. The clayey aquitard separating the shallow and deeper groundwater aquifers is fine grained and stiff. Although porosity may be high in this unit, its transmissivity is estimated to be very low. The deeper aquifer also consists of granular material that likely has higher permeability with medium to high transmissivity.

2

This unit has been referred to as the "A-sand" by other consultants. EGS will refer to this unit as the shallow aquifer for purposes of this investigation, but it should be noted that "A-sand" may be used interchangeably for this aquifer.

3

This unit has been referred to as the "B-sand" by other consultants. EGS will refer to this unit as the deeper aquifer for purposes of this investigation, but it should be noted that "B-sand" may be used interchangeably for this aquifer.

Depth to Groundwater

Our review of boring logs and monitoring well logs (Appendix D) indicate that groundwater beneath the project site and offsite area to the east to southwest varied from 5 to 18 feet during the time of drilling. During the most recent monitoring event conducted in March/April 2015, it was determined that stabilized depth to groundwater (DTW) beneath the subject site ranged from 6.68 ft bgs (B-27) to 10.99 ft bgs (MW-2s).

Depth to water appears to become shallower to the southwest toward the adjacent site. EGS included the 2012 (pre-drought) DTW measurements and static potentiometric surface on the attached geologic cross sections (Plates 6 and 7). The historic DTW measurements are also included on Tables 1 through 4 attached to this report.

Groundwater Gradient

The historical groundwater gradient appears to be in general southeast to southwest direction, although it varies significantly, and historically has been to the north-northwest in the area of the subject site and the site to the southwest (2640 Santa Rosa Avenue). ECON reported a northeast gradient during their September 26, 2001 sampling event. Additionally, Levine-Fricke (previous Malm Metal consultant) reported an east-northeast gradient during groundwater monitoring events completed during the 1980's to early 1990's.

Based on our review of the monitoring well soil boring logs (Appendix D), it appears that with the exception of MW-4, original on site wells MW-1, MW-2, and MW-3 (Plate 4) were installed into the second underlying aquifer at this site (Plate 6), and original monitoring well MW-3's well screen extended across both the shallow and deeper aquifers (Plate 6). Therefore, it is our opinion that the resulting September 2001 northeast gradient direction was calculated using both aquifers, and therefore not an accurate representation of the shallow groundwater gradient beneath the subject site.

Based on our review of historic groundwater gradient information related to the adjacent site at 2640 Santa Rosa Avenue (Malm Metal), the groundwater gradient was initially measured as being to the east-northeast at that site as well as indicated in a NC-RWQCB inter-office communication document dated August 17, 1990 to S.A. Warner from D.L. Salisbury (available upon request) and based on site data produced by Levine-Fricke. This data was prior to implementation of groundwater extraction remediation at that site, after it was discovered that gasoline contamination, consistent with that of the Malm Metal site, had impacted a former nearby well at 316 Yolanda Avenue (well W-4, Plate 12).

As part of coordinated groundwater monitoring efforts completed by EGS and ECA, monitoring well data from the subject site and the adjacent site (2640 Santa Rosa Ave) was incorporated to determine the local groundwater gradient over the entire area for both sites and determined variable groundwater gradient results.

During the September 2014 coordinated event, EGS determined a variable shallow groundwater gradient that appeared to have a potentiometric high point around monitoring wells B-25, B-27 and B-28. Groundwater appears to flow away from these high points in a northeast to southwest direction, with B-28 being the high point.

Based on our review of historic monitoring reports prepared by ECON (subject site) and ECA (adjacent site) it appears that there is an ongoing hydraulic variability located between the sites in the area of B-28, which is also the general separation of the co-mingled residual contaminant plumes (Plate 9). Farther west of monitoring well B-28, the groundwater gradient becomes more uniformly to the southwest (although as previously stated, the gradient direction has fluctuated on that site and had been east-northeast during the 1980's and early 1990's).

However, from the historic gradient data and that of the September 2014 monitoring event, the wells to the east and north of monitoring well B-28 do not exhibit a clear indication of a southwest groundwater gradient, but a more variable gradient to the northeast to southeast.

EGS included the shallow groundwater gradient constructed from data in March/April 2015 which indicates a south-southeast groundwater gradient (Plate 8). The deeper groundwater gradient appears to be generally consistent to the southwest over time.

CONTAMINANTS OF CONCERN (COC'S)

Due to the age of the former gasoline UST at this site (1940's), it is unlikely that this site is a source for the fuel oxygenate MTBE. The State Underground Storage Tank Cleanup Fund (USTCF) concurred with this understanding in their 5-year Review dated July 22, 2008.

There are infrequent, low detections of MTBE in groundwater samples at this site, and the source is likely derived from some off site location or from surface water runoff percolating this compound from automobiles along Yolanda Avenue. For purposes of this SCM and the UST Investigation, the contaminants of concern (CoC's) at this site, based on the site history of an older UST, are as follows:

- ▶ Total Petroleum Hydrocarbons as Gasoline (TPH-G)
- ▶ BTEX compounds (benzene, toluene, ethyl-benzene, xylene)

EXTENT OF RESIDUAL CONTAMINATION IMPACTS

Soil

It is noteworthy that with the exception of soil samples resulting in low concentrations of BTEX compounds from the original monitoring well MW-3 soil boring (Table 6) all of the soil samples collected from this site during the historic subsurface exploration related to the gasoline UST have resulted in no detections of the subject site's CoC's (TPH-G and BTEX) to a depth of approximately 23 feet bgs (Table 7, Appendix B). The area of the site where there have been detections of CoC's in soil has been limited to the area of the former 500-gallon UST location from saturated soil samples collected from the excavation pit sample at 23 feet bgs (Sierra, 1992), from the boring for MW-3 (Sierra, 1992) and in the boring for MW-3s at 25.5 feet bgs (ECON, 2004). During the soil over-excavation adjacent to the former diesel UST's, TPH-D was initially detected, but upon removing additional soil final soil confirmation soil samples collected resulted in no detections of TPH-D (Table 6, Appendix B).

TPH-G - The highest concentration of TPH-G detected in soil was during Sierra Environmental's 1991 additional soil over-excavation. The soil sample was collected from the bottom of the excavation pit (23 feet bgs), and resulted in a concentration of TPH-G at 15 ppm (Table 6).

BTEX - The highest concentrations of BTEX compounds detected in soil was as follows: during the installation of original monitoring well MW-3 by Sierra Environmental, where benzene was detected at 1.6 ppm in the 31 ft sample; during the soil over-excavation near the former gasoline UST where toluene, ethylbenzene and xylenes were detected in the 23-foot soil sample at concentrations of 0.23 ppm, 0.58 ppm, and 0.67 ppm, respectively (Table 6, Appendix B).

Groundwater

It is evident that remaining residual contamination primarily resides in the *shallow groundwater* at this site, and therefore the primary media of concern for this SCM.

TPH-G, shallow aquifer - The highest detection of TPH-G in groundwater collected from the on site monitoring wells to date for this site was from MW-3s during the November 2007 groundwater monitoring event performed by ECON, and resulted in a concentration

of 23,000 ppb (Table 1). However, the highest concentration of TPH-G likely related to this site to date is from monitoring well B-27 at a concentration of 67,000 ppb during the September 2001 sampling event performed by ECA (Table 4).

The most recently collected highest concentration of TPH-G detected at this site was from MW-3s at a concentration of 6300 ppb, resulting from groundwater samples collected by EGS in March 2015 (initial rebound sampling after discontinuing the AOSS). EGS prepared a residual concentration contour map for TPH-G presented as Plate 9 of this Report presenting the most recent analytical results from the March/April 2015 groundwater monitoring at the subject site. We have also included the shallow TPH-G data from the Malm Metal site from the September 2014 coordinated event, which is the most recent data for that site. The highest detections of TPH-G resulting from the Malm Metal site in September 2014 were from wells DPE-1 and B-30 at concentrations of 22,000 ppb and 10,000 ppb, respectively (Plate 9).

Monitoring well B-16, which separates the highest residual concentrations of TPH-G at the Hulsman Transportation site (MW-3s) from the highest residual concentration of residual TPH-G at the Malm Metal site (DPE-1) resulted in a concentration of 1800 ppb during the Mar/Apr 2015 monitoring event. This result, as well as previous analytical results from this well, continues to provide an indication of separate residual contaminant plumes in the upper shallow groundwater zone. Further, monitoring well B-28 related to the Malm Metal site which is the area of the hydraulic high point separating the two sites, continues to result in no detections of compounds analyzed for as of September 2014 (Plate 9).

TPH-G, deeper aquifer - The highest detection of TPH-G in deeper groundwater to date for this site is from the groundwater sample collected at MW-3d during the February 2005 groundwater monitoring event performed by ECON, and resulted in a concentration of 1,800 ppb. The most recent concentration of TPH-G in deeper groundwater collected by EGS from MW-3d during the Mar/Apr 2015 event was 200 ppb (Table 2).

BTEX, shallow aquifer - The highest concentrations of BTEX compounds detected in groundwater from the on site groundwater wells to date for this site are as follows:

Benzene -	1,700 ppb from MW-3s (February 2005)
Toluene -	290 ppb from MW-3s (February 2005)
Ethyl-benzene -	4,700 ppb from MW-3s (February 2005)
Xylenes -	13,000 ppb from MW-3s (February 2005)

The current concentrations of BTEX compounds detected in groundwater from the recently sampled groundwater wells in March/April 2015 for this site are as follows:

Benzene -	250 ppb from B-27
Toluene -	16 ppb from MW-3s
Ethyl-benzene -	470 ppb from B-27
Xylenes -	333 ppb from MW-3s

BTEX, deeper aquifer - The highest concentrations of BTEX compounds detected in groundwater from the on site deeper groundwater well (MW-3d) to date for this site are as follows:

Benzene -	370 ppb (February 2005)
Toluene -	14 ppb (February 2005)
Ethyl-benzene -	40 ppb (February 2005)
Xylenes -	8.8 ppb (November 2004)

There were no detections of BTEX in MW-3d, based on the groundwater samples collected by EGS in March/April 2015.

Historic Concentration Trends

EGS has constructed historic concentration trend charts for TPH-G and Benzene in monitoring wells MW-3s, MW-3d, B-15, B-16, B-17 and B-27. The site specific historic concentration trend charts are attached to this Report as Historic Concentration Trend Charts 1 through 12 in Appendix C.

Based on the analytical data collected at this site, the historic concentration trends for TPH-G and benzene continue to be *stable and decreasing* over the long term at this site in each well. This is an indication that residual contaminants are degrading over time by natural bioattenuation processes, and will continue to do so.

ESTIMATE OF REMAINING CONTAMINANT MASS

This section presents two estimates of contaminant mass. The first contaminant mass estimate is based on the *highest concentrations* of TPH-G and Benzene historically detected at this site (67,000 ppb and 1,700 ppb, respectively) from 2001 through 2015. The second contaminant mass estimate is based on the *most recent concentrations* of TPH-G and Benzene detected in samples collected in March/April 2015 from monitoring wells MW-3s and B-27 (6,300 ppb and 250 ppb, respectively).

We estimate a generalized contaminant radius of approximately 75 feet in the area of the former 500-gallon UST to represent the residual "hot spot" at the site. The generalized

contaminant radius is based on the most recent analytical results from groundwater samples collected in March/April 2015. The current TPH-G concentration contour map, which includes the generalized contaminant radius, is presented on Plate 9 (concentrations of Benzene detected follows a similar contour).

The subsurface soils are composed mainly of silty and clayey sand and gravel aquifers with a separating layer (aquitar) of silty clay (Refer to the attached Geologic Cross-Sections, Plates 6 and 7). Silt and clay have soil porosities that range from 0.35 to 0.70, and sand and gravel may have porosities that range from 0.25 to 0.50. Therefore, based on the soil types being composed of an unconsolidated, inter-fingered mixture of these soil types, we assumed the soil porosity to be an average of approximately 0.40, or 40%. For the purposes of the following contaminant mass calculations, we assume that all the pore space is saturated, which provides the *most conservative* contaminant mass estimate.

We used a thickness of twenty-five (25) feet bgs which represents the maximum depth of the shallow groundwater aquifer, also a conservative assumption.

The estimates of contaminant mass for this site is presented as follows.

- ▶ The *highest* known contaminant mass estimate (based on 67,000 ppb detected in B-27 in September 2001) for TPH-G in the area of the former 500-gallon UST is calculated to be:

Compound (2004)	Est. Plume Radius, ft	Π	Thickness ft	Volume ft ³	Porosity	Est. Pore Space, ft ³	Volume L	Concentration µg/L - Sept 2001	Est. Mass µg	Est. Mass kg
TPH-G	75.00	3.14	25.00	4.42E+05	0.40	1.77E+05	5.0E+06	6.7E+04	3.35E+11	335

The *highest* Estimated Contaminant Mass for TPH-G within the localized “hot spot” at this site is estimated to be **335 kg** within a 4.42E+05 ft³ volume of soil.

- ▶ The *highest* known contaminant mass estimate (based on 1,700 ppb detected in MW-3s in February 2005) for Benzene in the area of the former 500-gallon UST is calculated as follows:

Compound (2007)	Est. Plume Radius, ft	Π	Thickness ft	Vol ft ³	Porosity	Est. Pore Space, ft ³	Volume L	Concentration µg/L - Feb 2005	Est. Mass µg	Est. Mass kg
Benzene	75.00	3.14	25.00	4.42E+05	0.40	1.77E+05	5.0E+06	1.7E+03	8.5E+09	8.5

The **highest** Estimated Contaminant Mass for Benzene within the localized “hot spot” at this site is estimated to be **8.5 kg** within a 4.42E+05 ft³ volume of soil.

- ▶ The *current* contaminant mass estimate (based on 6,300 ppb detected in MW-3s in March/April 2015) for TPH-G in the area of the former 500-gallon UST is calculated to be:

Compound (2011)	Est. Plume Radius, ft	Π	Thickness ft	Volume ft ³	Porosity	Est. Pore Space, ft ³	Volume L	Concentration µg/L - March 2012	Est. Mass µg	Est. Mass kg
TPH-G	75.00	3.14	25.00	4.42E+05	0.40	1.77E+05	5.0E+06	6.3E+03	3.15E+10	31.51

The **current** Estimated Contaminant Mass for TPH-G within the localized “hot spot” at this site is estimated to be **31.51 kg** within a 4.42E+05 ft³ volume of soil.

- ▶ The *current* contaminant mass estimate (based on 250 ppb detected in MW-3s in March 2012) for Benzene in the area of the former 500-gallon UST is calculated as follows:

Compound (2011)	Est. Plume Radius, ft	Π	Thickness ft	Volume ft ³	Porosity	Est. Pore Space, ft ³	Volume L	Concentration µg/L - July 2011	Est. Mass µg	Est. Mass kg
Benzene	75.00	3.14	25.00	4.42E+05	0.40	1.77E+05	5.1E+06	2.6E+02	1.25E+09	1.25

The **current** Estimated Contaminant Mass for Benzene within the localized “hot spot” at this site is estimated to be **1.25 kg** within a 4.42E+05 ft³ volume of soil.

Based on the preceding Estimates of Contaminant Mass, TPH-G has decreased by a total of 303.49 kg, or a reduction of approximately 90.59%. Benzene has decreased by a total 7.25 kg, or a reduction of approximately 85.29%. The decreases in concentrations have been mostly from natural processes including biodegradation and dispersion of these residual contaminants, although the minimal air sparging remediation implemented showed that residual contaminants would be degrade much more quickly if operation continued.

RISK ASSESSMENT

Chemical Identification

The chemicals at the site that pose a potential risk to human health and the environment are those associated with gasoline. A petroleum distillate, gasoline is a complex mixture of hydrocarbons in the range of C4 to C12. Gasoline is a transparent liquid with a distinct

odor, and a boiling point of 121°C, a density of 0.71-0.77 g/cm³, and is not soluble in water, although many of its components are. Gasoline contains a mixture of substances that are listed as toxic pollutants pursuant to 40 CFR 122.21, Appendix B, Tables II/III/IV, and known to the State of California to cause cancer, birth defects, and other reproductive harm, especially benzene.

Benzene is considered the most toxic/carcinogenic component of gasoline, and of the BTEX compounds. Benzene is a colorless liquid with a boiling point of 80.1°C, a density of 0.877 g/mL, and a solubility in water of 1.8 g/L.

The gasoline oxygenate, MTBE has been detected at this site, and although not considered CoC for purposes of this Report (and as indicated by the USTCF in their 5-year review dated July 21, 2008), it is mentioned in this section since it has been detected at this site. Methyl tertiary-butyl ether (methyl t-butyl ether, MTBE) is a colorless liquid with a boiling point of 55°C, a density of 0.74 g/mL, and a solubility in water of 26 g/L.

CoC LTCP Cleanup Objectives

For purposes of this evaluation, EGS will use the objectives set forth in the Low-Threat Closure Policy (LTCP) for benzene and MTBE. The LTCP does not include a cleanup objective for TPH-G. These goals are subject to review and approval by the NC-RWQCB since the LTCP provides language for site specific regulator determination.

The following are the LTCP groundwater objectives for the CoC's for this site:

- ▶ Benzene = 3000 ppb
- ▶ MTBE = 1000 ppb

EGS will incorporate the above LTCP objectives into this Report for purposes of case closure consideration by the NC-RWQCB.

Light Non-aqueous Phase Hydrocarbons

Light non-aqueous phase liquid (LNAPL) has never been observed / recorded in the site UST investigation. The residual contaminant present is older, dissolved and weathered gasoline.

Potential Exposure Pathways

Buildings/Ground Surface: The chemicals of concern are located greater than 20 feet below the ground surface and covered by buildings, concrete and asphaltic pavements, although some portions of the subject site are covered with compacted gravel parking areas. The surrounding area is covered with asphaltic hard scape, with limited landscaped areas. Thus there is no apparent exposure pathway through buildings or the ground surface. If/when the site is redeveloped, the residual contaminant plume is located on the southern margin of the subject parcel and extends beneath Yolanda Avenue. It is unlikely that future building development will be located in the area of the residual contaminant plume.

Underground Utilities/Services and Worker Safety: There are numerous utility lines beneath Yolanda Avenue including electric, water, sewer, gas, and telephone. The surrounding area is connected to and receives water supply from the City of Santa Rosa. The residual contamination is located in soils greater than 20 feet below the ground surface. Therefore the potential of residual contamination migrating via utility pathways is deemed to be nil. Additionally, the potential for worker safety to be adversely impacted from the residual groundwater plume related to this site during redevelopment, street work and utility work, which occurs in soils less the 10 feet in depth, is deemed to be nil since all shallow soil samples less than 20 feet bgs have not resulted in detections of gasoline related compounds.

Surface Water and Groundwater: The chemicals of concern are in deeper soil (>20 feet bgs) and shallow groundwater. The groundwater gradient is variable from southeast-southwest, with some localized northeastern variability. The nearest surface water body (Colgan Creek) is located up gradient from the site approximately 3,000 feet to the northeast. There are three (3) water supply wells located within 500 feet of the residual contaminant plume as follows. The onsite supply well (DW-325) is located on the subject site, approximately 230 feet northeast (upgradient) from monitoring well MW-3s (Plate 12). This well was sampled in April 1989, May 1990, October 2011, and for purposes of this Report on February 29, 2016. There have been no detections of compounds related to gasoline in the on site domestic water supply well (Table 4). Refer to the attached Analytical Sciences Laboratory and QA/QC Report dated February 29, 2016 for recent results of groundwater samples collected from DW-325 (Appendix E).

Additionally, EGS identified two water supply wells located northwest (cross gradient of the residual contaminant plume) at 2612 and 2620 Santa Rosa Avenue (DW-2612 and DW-2620, Plate 12). These wells have not been sampled as part of this UST investigation, although monitoring wells MW-4 associated with this investigation and monitoring well B-25

associated with the adjacent UST investigation at 2640 Santa Rosa Avenue are located between the residual contaminant plumes and the existing domestic wells (Plate 12) and have resulted in no detections of compounds analyzed for.

Outdoor Exposure, Indoor Air and Vapor Intrusion: There have been numerous soil borings and excavation soil samples collected in soils up to a depth of 20 feet bgs resulting in *no detections of compounds analyzed for*. Additionally, the USTCF included in their September 2014 5-year review for the site the following statements as it relates to Vapor Intrusion to Indoor Air:

“This case meets Policy Criterion 2b. A professional assessment of site specific risk from exposure through the vapor intrusion pathway was performed by Fund staff. The assessment found that there is no significant risk of petroleum vapors adversely affecting human health.”

The USTCF also included in their September 2014 5-year review for the site the following statements as it relates to Direct Contact and Outdoor Air Exposure:

“This case meets Policy Criterion 3b. A professional assessment of site specific risk from exposure through the direct exposure pathway was performed by Fund staff. The assessment of site specific risk from potential exposure to residual soil contamination found that maximum concentrations of petroleum constituents remaining in soil will have no significant risk of adversely affecting human health.”

Finally, EGS conducted a soil vapor investigation at this site, as documented in our November 25, 2016 report, to directly measure the potential for soil vapor contamination resulting in no detections of residual contaminants that exceed LTCP criteria, and oxygen content greater than 4% at each location. The locations of the soil vapor sample probes are presented in Plate 11 of this Report.

The Site Conceptual Model exposure pathways are presented on Plate 13 of this Report.

Sensitive Receptors

As directed by the NC-RWQCB in their May 13, 2016 letter, EGS performed a Sensitive Receptor Survey (SRS) as part of this investigation. Results of the SRS are also presented in our November 25, 2016 report.

The SRS included identifying the location of existing, or if possible, abandoned water supply wells within a 500-foot radius from the residual contaminant plume boundary by

completing a well canvas, reviewing well logs provided by the California DWR, and reviewing previously collected SRS data from other nearby investigations.

The SRS also identified nearby surface waters and preferential water pathways, identified potential sensitive environmental habitats and/or land use if any, and identified relevant public health and safety issues if any. The following presents the results of our Sensitive Receptor Survey:

- A site / area reconnaissance and well canvas was performed to visually identify active wells or probable wells within a 500-foot radius beyond the limits of the residual contaminant plume. Three active, in use wells were identified as follows:
 - ▶ DW-325 located on the subject site approximately 230 feet to the northeast (up gradient) of the former gasoline UST on the subject site;
 - ▶ DW-2612, located at 2612 Santa Rosa Avenue approximately 394 feet northwest (cross gradient) from the former UST at the subject site;
 - ▶ DW-2620, located at 2620 Santa Rosa Avenue approximately 314 feet northwest (cross gradient) from the former UST at the subject site.
- The location of each of these wells is presented on Plate 12 of this Report. Each of these wells is currently in use at the referenced properties.
- Additionally, EGS identified an existing water supply well located at 2601 Santa Rosa Avenue, although this well is beyond 1000 feet west-northwest from the former UST located on the subject site (Plate 12).
- EGS verified that, with the exception of the subject site located at 325 Yolanda Avenue and the addresses of 2612 and 2620 Santa Rosa Avenue (location of water supply wells), the surrounding area properties within 500 feet of the localized residual contaminant plume are connected to the City of Santa Rosa municipal water supply. There is a connection for city water located along Yolanda Avenue for the subject site, but the property has never been connected to the service, although it is connected to city sanitary sewer service.
- The nearest surface water body to the subject site is Colgan Creek, located approximately 2500 feet northeast of the former gasoline UST location.
- We reviewed 238 water supply well completion/destruction logs provided to EGS

by the Department of Water Resources (DWR), with no additional existing wells located within 500 feet of the remaining residual groundwater plume that were not identified in our well canvas.

- EGS identified three (3) well destruction logs for the property located at 372 Yolanda Avenue (southeast of the former gasoline UST) as well as two (2) well destruction logs for the property located at 316 Yolanda Avenue, adjacent south of the site as provided by the DWR (Plate 12).
- EGS met with the property owner, Mr. Eric Drew, to verify that there are no existing wells at the residences located at 376 and 380 Yolanda Avenue. Mr. Drew indicated that there had been older wells which have been removed (abandonment method / date unknown), and that each of the residences is supplied city water. EGS observed the abandoned well casing at 376 Yolanda Avenue (Plate 12).
- EGS also consulted with Mr. Ken Crownover, owner of Malm Fireplaces located at 368 Yolanda Avenue, as well as Mr. Mike Gasperini, representative of the property owner at 368 Yolanda Avenue; each of which verified that the properties located at 358/358B and 368 Yolanda Avenue do not have active water supply wells, that the older water supply wells had been removed due to the ongoing groundwater investigation at 368 Yolanda Avenue, and the properties are serviced by city water.
- There are no hospitals, schools, or day-care centers within ½ mile of the site.
- There appears to be no environmentally sensitive habitats nearby the subject property as the surrounding area is developed.
- There are no residences that use water supplied from a well within 500 feet of the former gasoline UST and associated minimal residual contaminant plume.

EGS also reviewed the findings of Edd Clark & Associates SRS information (included in their report dated May 2, 2016 prepared for 2640 Santa Rosa Avenue) and SCS Engineers Sensitive Receptor Survey dated March 28, 2012 prepared for the site located at 368 Yolanda Avenue. Based on our review of those reports, there are seven (7) additional abandoned water supply wells identified within 500 feet of the residual contaminant plume related to the former UST on the subject site (Plate 12). A summary of information available regarding these wells follows:

- Well W-1: 2690 Santa Rosa Avenue (former Lyle's Tackle Shop), had been out of service since 1987, *abandoned in 2000*. This well was inaccurately referred to in

the USTCF September 2014 5-year review.

- Well W-2: Interior of the former Malm Metal building (2642 Santa Rosa Avenue), had been out of service since 1988 and *abandoned in 2000*.
- Well W-3: 302 Yolanda Avenue, had been out of service since 1978, *abandoned in 2000*.
- Well W-4: 316 Yolanda Avenue, replaced by Well W-7 in 1983 due to contamination impacts, and *abandoned in 2005*.
- Well W-5: 2696 Santa Rosa Avenue (beyond 500 feet of site plume, not shown on Plate 3), *abandoned in 2000*.
- Well W-6: 2698 A Santa Rosa Avenue (beyond 500 feet of site plume, not shown on Plate 3), *abandoned in 2000*.
- Well W-7: 316 Yolanda Avenue, installed in 1983 replacing W-4 and used until 1997. Depth 170 feet bgs, screen interval from 90 - 170 feet bgs, contains 65 foot seal from ground surface, *abandoned in 2005*.

Plate 12 of this Report presents the site map with 500-foot radius, depicts the location of the remaining localized residual contaminant plume, the location of the existing on site domestic well and two (2) nearby existing wells, as well as the location of the above described abandoned domestic water supply wells and other abandoned water supply wells documented in EGS' SRS dated November 25, 2016.

CONCLUSIONS

Based on our evaluation of information collected to date from our investigation of this site we have formulated the following conclusions:

- Our review of the site history, previous investigations, soil and groundwater samples, and ongoing monitoring of the subject site and the adjacent site to the southwest (2640 Santa Rosa Ave), concludes that residual petroleum hydrocarbon contamination remains in shallow groundwater near the former gasoline UST in a localized, diminishing plume primarily located along/beneath Yolanda Ave (Plate 9).
- Residual petroleum hydrocarbon contamination remaining at this site is primarily located in the shallow groundwater aquifer. The localized residual contamination

is related to the former 500-gallon UST, previously located near the SW corner of the site building (Plates 3-5). The former gasoline UST was removed in 1982, and was approximately 40-50 years old. The former diesel UST's were removed in 1988 and resulted in no residual contamination related to diesel fuel at this site.

- The area of groundwater impacted by TPH-G and benzene is relatively small (Plate 9), and is less than 200 feet in length. The minimal residual plume is localized from the area of the former 500-gallon UST and well MW-3s, and extends approximately 150 to 200 feet to the west-southwest beyond well B-15 and near well B-16, where it likely then co-mingles with the adjacent residual contaminant plume that is higher in concentrations, as depicted on attached Plate 9.
- The shallow groundwater residual contamination plume appears to be separate from the plume located at 2640 Santa Rosa Avenue, although some co-mingling may occur beneath Yolanda Avenue between monitoring well B-15 of the subject site, and the adjacent well DPE-1 (Plate 9). Monitoring wells B-16 and B-28 (Plate 9) appear to represent the area where the residual contaminant plumes show some separation based on the low to non detect analytical results in these wells.
- Natural attenuation has resulted in notable decreases in concentrations of CoC's for this site since the tank removal and investigation began in 1982 evident by the construction of Historic Concentration Trend Charts 1 through 12 (Appendix C), as well as our estimates of remaining contaminant mass calculations. Charts 1 through 12 present *stable and decreasing* trends over the long term for TPH-G and benzene, in all site monitoring wells.
- Based on our review of the subsurface lithology during the construction of the attached geologic cross sections (Plates 6 and 7), it appears that a laterally continuous stiff, silty clay aquitard exists at depths from approximately 24-feet bgs to approximately 33-feet bgs, although the thickness is variable. It is our opinion that this lithologic unit has minimized cross contamination of TPH-G and BTEX compounds to the deeper groundwater bearing zone.
- There were no detections of TPH-G or BTEX during the March 2012 monitoring event from deeper well MW-3d related to the subject site, and the most recent concentration (Mar/Apr 2015) of TPH-G and benzene in MW-3d is 200 ppb and ND<1.0 ppb, respectively. Additionally, there were no detections from groundwater samples during installation and from multiple sampling events of monitoring wells MW-1 and MW-2 (installed related to the former diesel UST's). These monitoring wells were installed into the deeper aquifer (Plate 6). It is our opinion that the

historic data from MW-1 and MW-2 defines the deeper aquifer in the up gradient direction from the current on site deeper well MW-3d.

- Additionally, the adjacent site has routinely monitored deeper groundwater from three (3) wells (B-35D, B-36D, and B-37D, Plate 4), each of which are in the down gradient direction from MW-3d, which has defined deeper groundwater in the down gradient direction.
- Based on our review of historical soil data at this site (Tables 6 and 7, Appendix B), there have been very limited to no detections of gasoline related compounds in soil samples collected in the upper 20 feet beneath this site.
- EGS completed a direct measurement soil vapor investigation (8 probes, Plate 11) which resulted in no detections of compounds analyzed fro that exceed the LTCP criteria, and oxygen content greater than 4% (EGS' Report dated November 25, 2016).
- There are currently three (3) domestic water supply wells in use within 500 feet of the residual contaminant plume as follows: onsite well DW-325 located upgradient (northeast), and DW-2612 and DW-2620 located northwest (cross gradient) as shown on Plate 12.. The onsite well (DW-325) has been sampled in 1989 and 1990, and again by EGS in October 2011 and February 2016 (Appendix E) and has not resulted in detections of gasoline related constituents. The NC-RWQCB does not appear that it will require abandonment of well DW-325 as a condition of case closure (letter dated May 13, 2016).
- Questions remaining regarding the presence of a domestic water well located at 316 Yolanda Avenue were resolved when DWR provided copies of well abandonment completion for the two wells (W-4 and W-7) at that site as part of the SRS.
- It has been determined that original monitoring wells MW-1 and MW-2 have been properly abandoned, under permit from Sonoma County, based on our review of ECON's November 3, 2008 report (Appendix F), as well as our site observations during a geophysical survey where the abandoned wells were located and observed to be grouted. During the geophysical survey, EGS identified two possible locations for missing monitoring well B-18. This well will attempt to be abandoned during well abandonment procedures as part of case closure.
- It is our opinion, based on this SCM and our site review, that this site is a candidate for case closure in accordance with the LTCP as follows.

SITE SPECIFIC LOW-THREAT CLOSURE EVALUATION

REQUEST FOR CLOSURE

The California State Water Resources Control Board (SWRCB) adopted the Low-Threat Closure Policy (LTCP) for UST sites on August 17, 2012. The purpose of the LTCP is to establish consistent statewide case closure criteria for low-threat petroleum UST sites, with the intent of increasing UST cleanup process efficiency. A benefit of improved efficiency is the preservation of limited resources for mitigation of releases posing the greatest threat to human and environmental health.

The LTCP states that sites that meet the general and media-specific criteria described in the LTCP do not pose a threat to human health, safety, or the environment and are appropriate for UST case closure pursuant to Health and Safety Code section 25296.10. The LTCP states that cases that meet the criteria in the LTCP do not require further corrective action and shall be issued a uniform closure letter consistent with Health and Safety Code section 25296.10, if the site is determined to be low threat based upon a site-specific analysis.

GENERAL CRITERIA REQUIREMENTS

The general criteria requirements that must be satisfied by candidate sites are listed as follows. EGS has presented rationale following each criteria as to why the subject site meets the criteria.

- a. The unauthorized release is located within the service area of a public water system.

Satisfied: The site and surrounding area properties are currently served, or service is available by the municipal water supply from the City of Santa Rosa.

- b. The unauthorized release consists only of petroleum.

Satisfied: The site's *remaining* unauthorized release has been characterized as consisting of older, weathered gasoline related constituents TPH-G and BTEX from a former 500-gallon UST removed in 1982.

- c. The unauthorized ("primary") release from the UST system has been stopped.

Satisfied: In 1982, a 500-gallon gasoline UST was removed from the subject site. Additionally, in 1988, a 4,000-gallon and 8,000-gallon USt containing diesel fuel was

removed from the subject site. A UST investigation was initiated, and ongoing monitoring indicates that no additional releases have occurred. Therefore, the site's primary release has been stopped.

d. Free product has been removed to the maximum extent practicable.

Satisfied: LNAPL has not been observed at this site during the course of the UST investigation.

e. A conceptual site model has been developed.

Satisfied: EGS included a SCM in our June 2012 FSCAP; this report also contains an update to the SCM.

f. Secondary source removal has been addressed.

Satisfied: In 1988, after the diesel UST's were removed, over-excavation of soil was completed removing approximately 180 cy of soil, and samples were collected that verified contaminant removal (Kleinfelder, 1988). In 1991, approximately 175 cy of soil was excavated and removed from the former 500-gallon UST area to a depth of 23 feet bgs (Sierra, 1992). Residual petroleum hydrocarbon concentration soil does not warrant further secondary source removal since there have been no detections of gasoline related constituents in soils less than 20 feet in depth. Additionally, EGS installed and operated an air operated sparging system to treat the remaining residual groundwater impacts with favorable results during the time of operation (2014).

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code section 25296.15.

Satisfied: Soil and groundwater samples have been tested for MTBE. The results of the analytical testing have been made available and reported to the NC-RWQCB, per California Health and Safety Code 25296.15.

h. Nuisance as defined by Water Code section 13050 does not exist at the site.

Satisfied: Conditions satisfying the definition of a nuisance as defined in Water Code section 13050 do not exist at the site.

MEDIA-SPECIFIC CRITERIA

Media-specific criteria are related to the most common exposure scenarios, which in the policy have been combined into three media-specific criteria related to:

1. Groundwater
2. Vapor Intrusion to Indoor Air
3. Direct Contact and Outdoor Air Exposure

Groundwater

It is a fundamental tenet of the LTCP that if the closure criteria described in the policy are satisfied at a petroleum unauthorized release site, applicable water quality objectives (WQO's) will be attained through natural attenuation within a reasonable amount of time, prior to the need for use of any affected groundwater. If a site has groundwater with a designated beneficial use which is affected by an unauthorized release, to satisfy the media-specific criteria for groundwater stated in the LTCP, the contaminant plume that exceeds WQO's must be stable or decreasing in areal extent (*Satisfied* - Charts 1 through 12, Appendix C), and meet all of the additional characteristics of *one of the five* classes of sites listed in the policy.

The five classes of sites are stated in the policy as follows:

1.
 - a. The contaminant plume that exceeds WQO's is less than 100 feet in length.
 - b. There is no free product.
 - c. The nearest existing water supply well and/or surface water body is greater than 250 feet from the defined plume boundary.

-This class is not met since the contaminant plume is greater than 100 feet and a water supply well is located within 250 feet of the defined plume boundary

2.
 - a. The contaminant plume that exceeds WQO's is less than 250 feet in length.
 - b. There is no free product
 - c. The nearest existing water supply well and/or surface water body is greater than 1,000 feet from the defined plume boundary.
 - d. The dissolved concentration of benzene is less than 3,000 µg/L and the dissolved concentration of MTBE is less than 1,000 µg/L.

-This class is not met since a water supply well is located within 250 feet of the defined plume boundary

3.
 - a. The contaminant plume that exceeds WQO's is less than 250 feet in length.
 - b. Free product may be present below the site but does not extend off-site.
 - c. The plume has been stable or decreasing for a minimum of 5 years.
 - d. The nearest existing water supply well and/or surface water body is greater than 1,000 feet from the defined plume boundary.
 - e. The property owner is willing to accept a deed restriction if the regulatory agency requires a deed restriction as a condition of closure.

-This class is not met since a water supply well is located within 250 feet of the defined plume boundary

4.
 - a. The contaminant plume that exceeds WQO's is less than 1,000 feet in length.
 - b. There is no free product
 - c. The nearest existing water supply well and/or surface water body is greater than 1,000 feet from the defined plume boundary.
 - d. The dissolved concentration of benzene is less than 1,000 µg/L and the dissolved concentration of MTBE is less than 1,000 µg/L.

-This class is not met since a water supply well is located within 250 feet of the defined plume boundary

5.
 - a. An analysis of site specific conditions determines that the site under current and reasonable anticipated near-term future scenarios poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame.

Satisfied: The site satisfies Class 5 in that under current and reasonable anticipated future scenarios poses a low threat to human health and the environment for the following reasons:

- ◆ The residual contamination plume is characterized, is minimal and degrading over time, approximately 150-200 feet in length, primarily located at the southern margin of the property and beneath an asphaltic paved road (Yolanda Ave) that will be widened in the near future, therefore further encapsulating the residual contamination beneath an asphalt cap, away from existing and future buildings.
- ◆ Primary and secondary sources have been removed, and LNAPL's have never been present.

- ◆ Historic concentration trend analysis indicates decreasing trends over the long term for site COC's in all wells.
- ◆ Very minimal residual contamination has been detected in soils less than 20 feet in depth, thereby minimizing the potential for vapor intrusion, direct contact, outdoor air exposures, and with respect to protecting worker safety.
- ◆ Three domestic water supply wells are located within 500 feet of the remaining residual contaminant plume. Each of the three identified wells are located in either an upgradient, or cross gradient direction, and there are shallow monitoring wells located in positions between the residual contaminants plumes in the area and the existing domestic wells that indicate no detections of CoC's (Plate 12). The well located on the subject site (DW-325) is located approximately 230 feet up gradient, is not currently used for drinking water, and has always resulted in no detections when sampled (1898, 1990, 2011, Feb 2016). NC-RWQCB stated in their May 13, 2016 letter that "staff does not require the destruction of the onsite well as a condition of site closure."
- ◆ The residual contaminant plume will not likely have future building development overlying it since its location is on the southern margin of the parcel, extending beneath the street. This area will likely be used for roads, driveways and parking.
- ◆ The nearest surface water is a seasonal creek located 2400 feet northeast (upgradient) and 2600 feet west of the site.
- ◆ There are no hospitals, schools, day-care centers or other sensitive land uses within ½ mile of the site.
- ◆ There are no residences using well water near the subject site, the surrounding area is provided municipal water service and is mostly commercial land use.
- ◆ Deeper groundwater impacts are minimal, with no detections of BTEX compounds, and very low detections (71-200 ppb) of TPH-G.

Vapor Intrusion to Indoor Air

This LTCP describes conditions, including bioattenuation zones, which if met will assure that exposure to petroleum vapors in indoor air will not pose unacceptable health risks. Petroleum release sites shall satisfy the media-specific criteria for petroleum vapor intrusion to indoor air and be considered low-threat for the vapor-intrusion-to-indoor-air pathway if:

- a. Site-specific conditions at the release site satisfy all of the characteristics and criteria of scenarios 1 through 3 as applicable, or all of the characteristics and criteria of scenario 4 as applicable; or

Satisfied: The residual petroleum contaminant consists of older, weathered gasoline, and there has never been LNAPL encountered during the 30+ years of investigation. Based on EGS' Soil Vapor Investigation as documented in our November 25, 2016 Report, there were no detections of compounds analyzed for that exceed LTCP screening criteria. Very low concentrations of benzene were detected in soil vapor samples collected from SV-1 (37 $\mu\text{g}/\text{m}^3$), SV-4 (36 $\mu\text{g}/\text{m}^3$), SV-5 (57 $\mu\text{g}/\text{m}^3$), and SV-7 (57 $\mu\text{g}/\text{m}^3$). The concentrations of benzene detected are *well below* the State of California LTCP Scenario 4 – Direct Measurement of Soil Gas Concentration (1 of 2) Criteria of 85 $\mu\text{g}/\text{m}^3$ for residential development, and 280 $\mu\text{g}/\text{m}^3$ for commercial development.

Additionally, the oxygen content of the subsurface soil was measured at each location resulting in a range of 9.9% to 21%, with a mean of 19.73%. These results are far greater than the 4% requirement needed for a site to be categorized as having a Bioattenuation Zone in accordance with the LTCP. Since this site meets the oxygen threshold of 4% or greater it is considered as having a Bioattenuation Zone, which increases the screening criteria for benzene 1000-fold in accordance with the LTCP.

- b. A site-specific risk assessment for the vapor intrusion pathway is conducted and demonstrates that human health is protected to the satisfaction of the regulatory agency;

Satisfied: Refer to the above conclusions for direct measurement of soil vapor at the site. Additionally, the USTCF published in their September 2014 5-year review that “this case meets Policy Criterion 2b. A professional assessment of site specific risk from exposure through the vapor intrusion pathway was performed by Fund staff. The assessment found that there is no significant risk of petroleum vapors adversely affecting human health.”

c. As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, the regulatory agency determines that petroleum vapors migrating from soil or groundwater will have no significant risk of adversely affecting human health.

Not applicable to this site

Direct Contact and Outdoor Air Exposure

The LTCP describes conditions where direct contact with contaminated soil or inhalation of contaminants volatilized to outdoor air poses a low threat to human health. Release sites where human exposure may occur satisfy the media-specific criteria for direct contact and outdoor air exposure and shall be considered low-threat if they meet any of the following:

a. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1 of the LTCP for the specified depth below ground surface (bgs). The concentration limits for 0 to 5 feet bgs protect from ingestion of soil, dermal contact with soil, and inhalation of volatile soil emissions and inhalation of particulate emissions. The 5 to 10 feet bgs concentration limits protect from inhalation of volatile soil emissions. Both the 0 to 5 feet bgs concentration limits and the 5 to 10 feet bgs concentration limits for the appropriate site classification (Residential or Commercial/Industrial) shall be satisfied. In addition, if exposure to construction workers or utility trench workers are reasonably anticipated, the concentration limits for Utility Worker shall also be satisfied; or

Satisfied: There have been little to no detections of petroleum hydrocarbon constituents in the upper 20 feet of soil in all areas explored on the site thereby satisfying this criterion. Therefore, direct contact and outdoor air exposures do not appear to be exposure pathways that pose a significant risk at this site.

b. Maximum concentrations of petroleum constituents in soil are less than levels that a site specific risk assessment demonstrates will have no significant risk of adversely affecting human health; or

Satisfied: The USTCF published in their September 2014 5-year review that “this case meets Policy Criterion 3b. A professional assessment of site specific risk from exposure through the direct exposure pathway was performed by Fund staff. The assessment of site specific risk from potential exposure to residual soil contamination found that maximum concentrations of petroleum constituents remaining in soil will have no significant risk of adversely affecting human health.”

c. As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, the regulatory agency determines that the concentrations of petroleum constituents in soil will have no significant risk of adversely affecting human health.

Not applicable to this site

CONCLUSIONS AND RECOMMENDATIONS

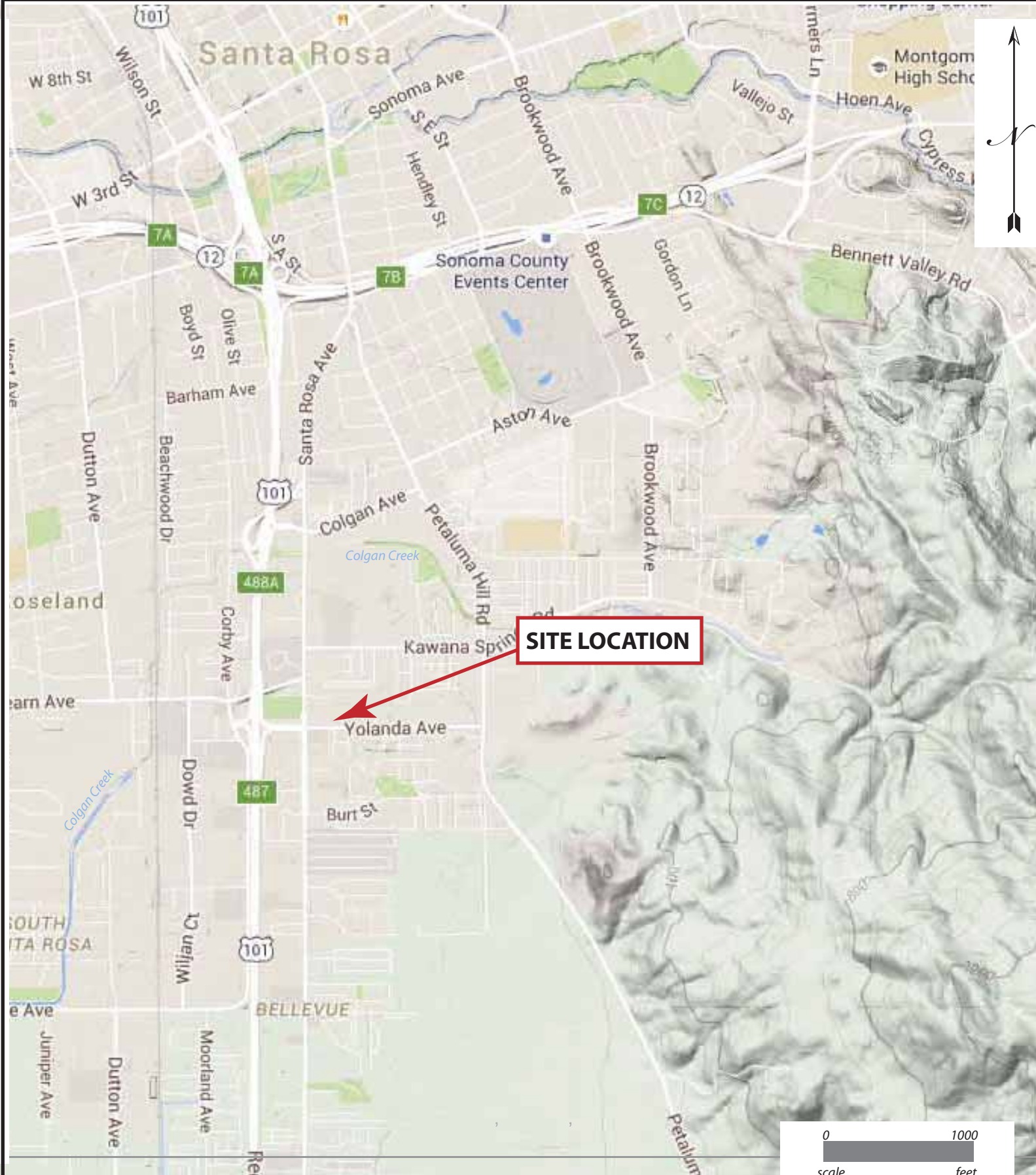
Based on our review, site conditions meet the general and media-specific criteria established in the Low-Threat Closure Policy, and therefore pose a low threat to human health, safety, and the environment, and satisfy the case-closure requirements of Health and Safety Code section 25296.10, and case closure is consistent with Resolution 92-49 that requires that cleanup goals be met within a reasonable time frame.

EGS recommends that the NC-RWQCB consider this case for closure in accordance with the criteria set forth in the State's LTCP, and as presented in this Site Evaluation.

In an effort to further satisfy the Direct Contact and Outdoor Air Exposure criteria, and in accordance with the NC-RWQCB's May 13, 2016 letter, EGS has completed a Soil and Groundwater Management Plan (SGMP) for this site which is currently in internal review of the potential future site developer. Upon receipt of the reviewed SGMP, EGS will finalize and submit to the NC-RWQCB.

APPENDIX A

Plates



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SITE LOCATION MAP
REVISED LTCP EVALUATION FOR CASE CLOSURE
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case #1TSR050

PLATE
1



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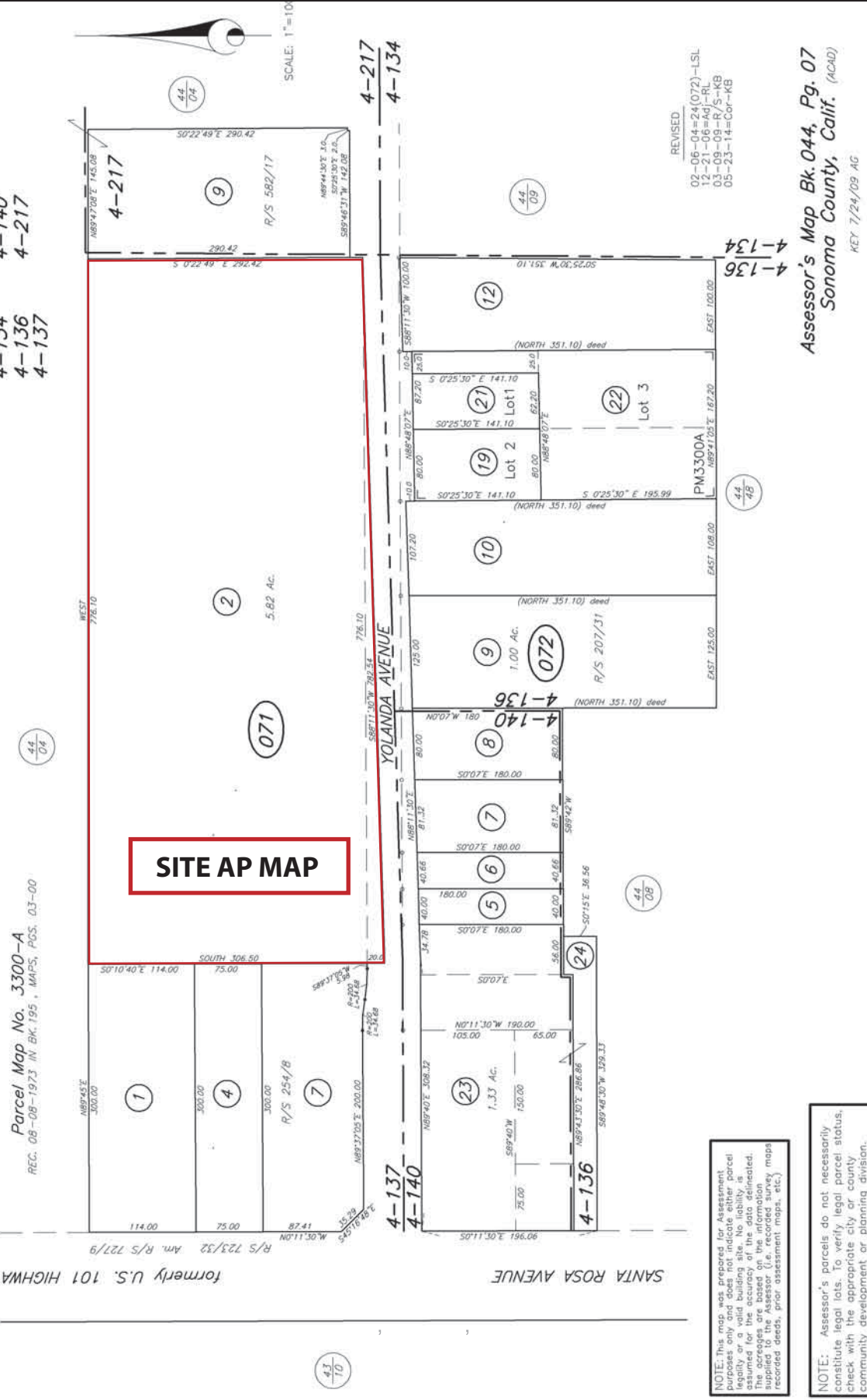
ASSESSOR PARCEL MAP
REVISED LTCP EVALUATION FOR CASE CLOSURE
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case #1TSR050

PLATE
2

COUNTY ASSESSOR'S PARCEL MAP

TAX RATE AREA
4-134 4-140
4-136 4-217
4-137

44-07



Assessor's Map Bk. 044, Pg. 07
Sonoma County, Calif. (ACAD)
KEY 7/24/09 AC

REVISED
02-06-04=24(072)-LSL
12-21-06=Adj-RL
03-09-09-R/S-KB
05-23-14=Cor-KB



FORMER DIESEL USTs

FORMER GASOLINE UST

**HULSMAN
TRANSPORTATION
SITE - 325 YOLANDA**

Yolanda Avenue

**MALM METAL SITE -
2940 SANTA ROSA AVE**

316 YOLANDA AVE



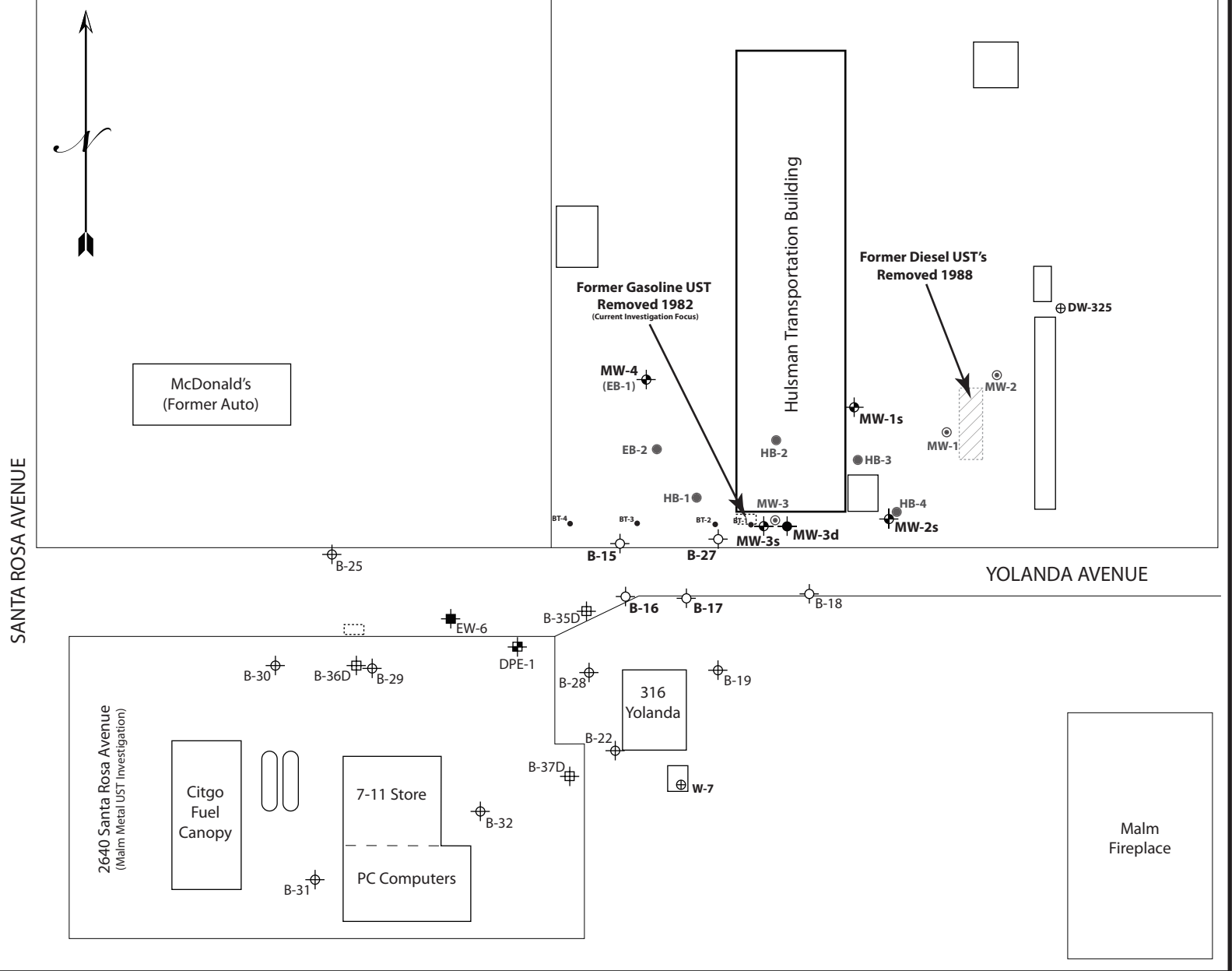
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**SITE MAP WITH FORMER UST LOCATIONS
REVISED LTCP EVALUATION FOR CASE CLOSURE**

Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case #1TSR050

PLATE
3



EXPLANATION

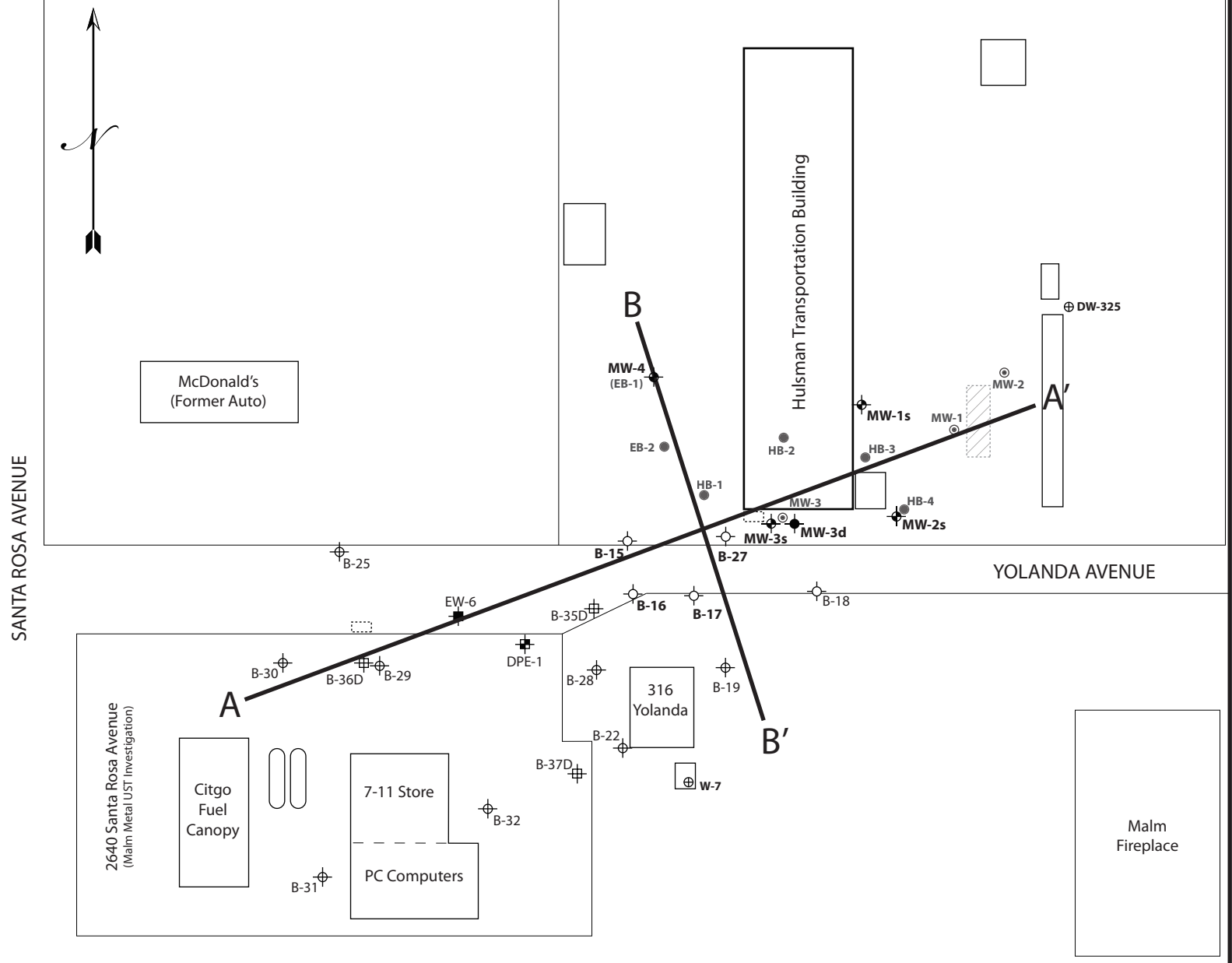
- ⊕ Shallow Groundwater Monitoring Well, associated with Hulsman site, sampled by EGS
- ⊕ Deeper Groundwater Monitoring Well, associated with Hulsman site, sampled by EGS
- ⊕ Shallow Groundwater Monitoring Well, formerly associated with 2640 S.R. Ave. site, now associated with Hulsman site, sampled by EGS
- Bench Test Boring, completed by EGS
(Note: BT-1 was completed using a hand auger to 5-feet bgs)
- ⊕ Former Groundwater Monitoring Well, MW-1 installed by Herzog, MW-3 installed by Hilmer Consulting, MW-3 installed by Sierra Environmental
- Soil Boring Locations, "HB" borings by ECA, "EB" borings by ECON
- ⊕ Shallow Groundwater Monitoring Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ Deeper Groundwater Monitoring Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ Extraction Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ Dual Phase Extraction, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ On Site Domestic Water Supply located at 325 Yolanda Avenue (ND in FEB2016)
- ⊕ Abandoned Domestic Water Supply Well at 316 Yolanda Avenue (Replaced Well W-4, 1983)
- ⊕ FORMER GASOLINE UST Locations
- ⊕ FORMER DIESEL UST Locations
- ⊕ CURRENT UST Location



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EXPLORATORY LOCATIONS MAP
REVISED LTCP EVALUATION FOR CASE CLOSURE
 Hulsman Transportation
 325 Yolanda Avenue
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PLATE
 4



EXPLANATION

- ⊕ Shallow Groundwater Monitoring Well, associated with Hulsman site, sampled by EGS
- ⊕ Deeper Groundwater Monitoring Well, associated with Hulsman site, sampled by EGS
- ⊕ Shallow Groundwater Monitoring Well, formerly associated with 2640 S.R. Ave. site, now associated with Hulsman site, sampled by EGS
- ⊕ Former Groundwater Monitoring Well, MW-1 installed by Herzog, MW-3 installed by Hilmer Consulting, MW-3 installed by Sierra Environmental
- Soil Boring Locations, "HB" borings by ECA, "EB" borings by ECON
- ⊕ Shallow Groundwater Monitoring Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ Deeper Groundwater Monitoring Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ Extraction Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ Dual Phase Extraction, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ On Site Domestic Water Supply located at 325 Yolanda Avenue (ND in FEB 2016)
- ⊕ Abandoned Domestic Water Supply well at 316 Yolanda Avenue (Replaced Well W-4, 1983)
- ⊕ FORMER GASOLINE UST Locations
- ⊕ FORMER DIESEL UST Locations
- ⊕ CURRENT UST Location



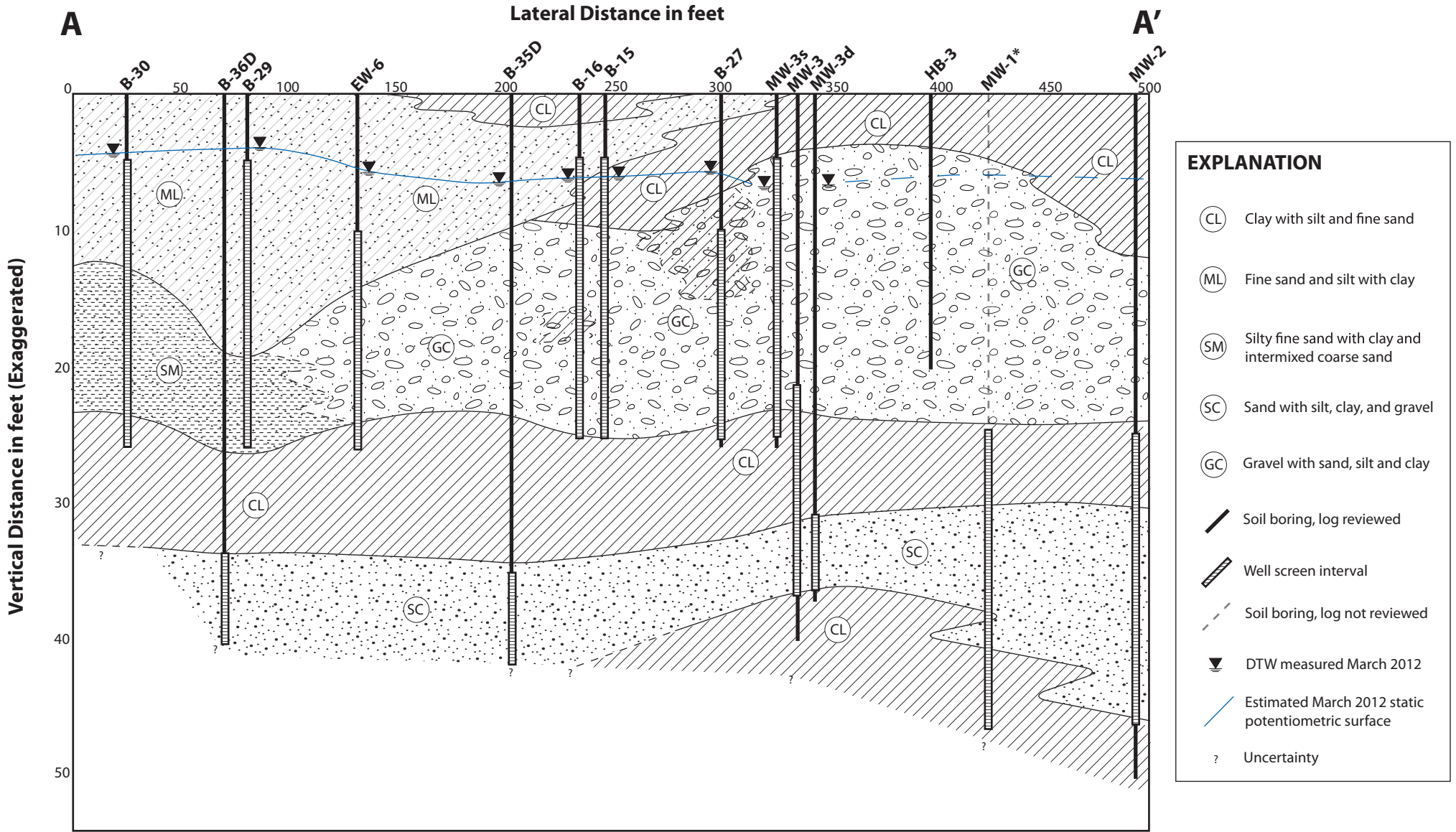
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GEOLOGIC CROSS SECTION MAP
REVISED LTCP EVALUATION FOR CASE CLOSURE

Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case #1TSR050

PLATE
5



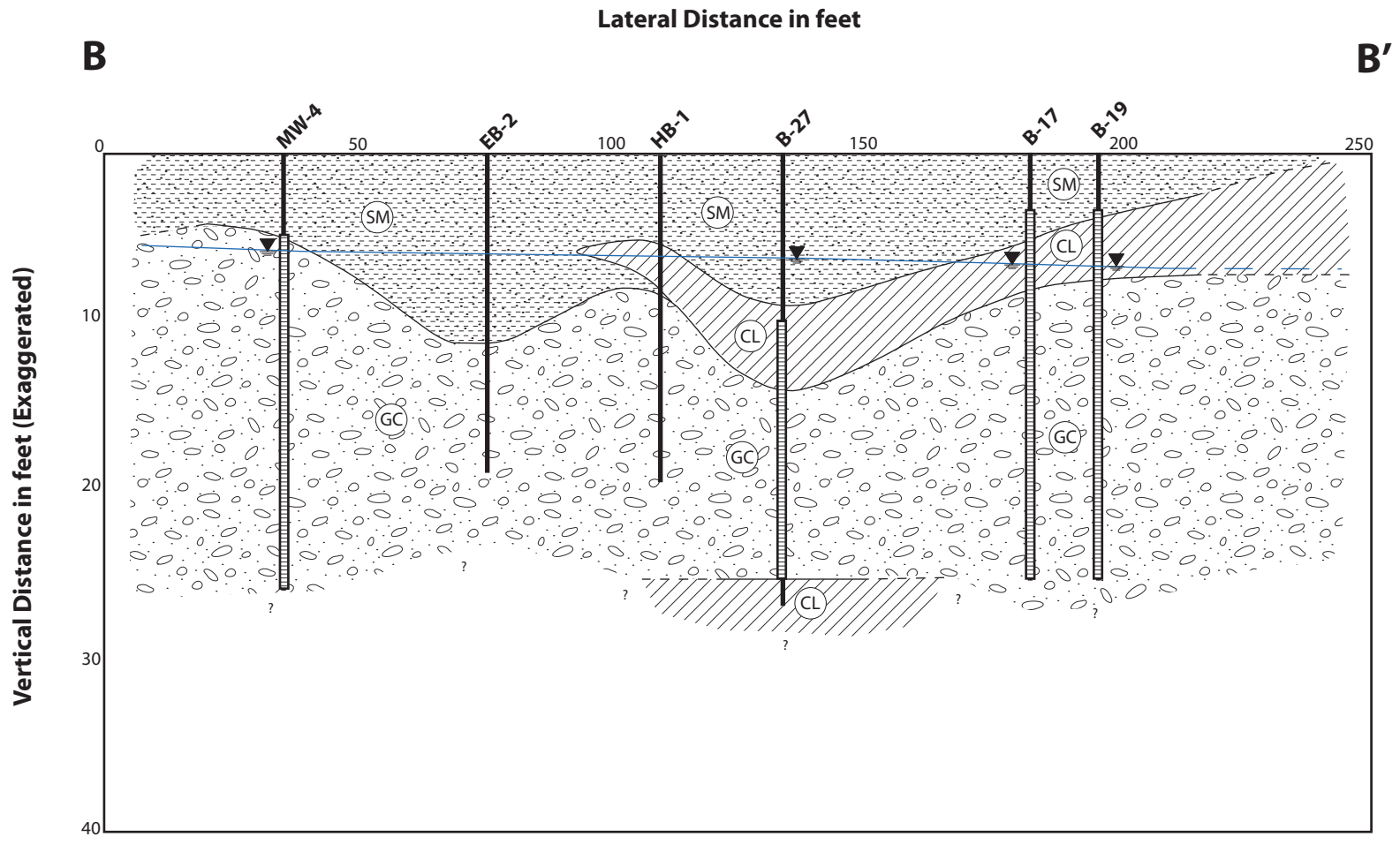
NOTES: The abandoned monitoring well MW-3 was not properly constructed since it did not include a conductor casing to seal off the upper aquifer while drilling into the deeper aquifer. Additionally, the well was constructed with the well screen located in both the shallow and deeper aquifer thereby creating a preferential pathway for contaminants to migrate from the shallow to the deeper aquifer at this location. This is the probable reason that deeper contamination has been detected at this site.
 *The well log for MW-1 was not reviewed, the screened interval and depth are from Edd Clark & Associates November 1998 report.



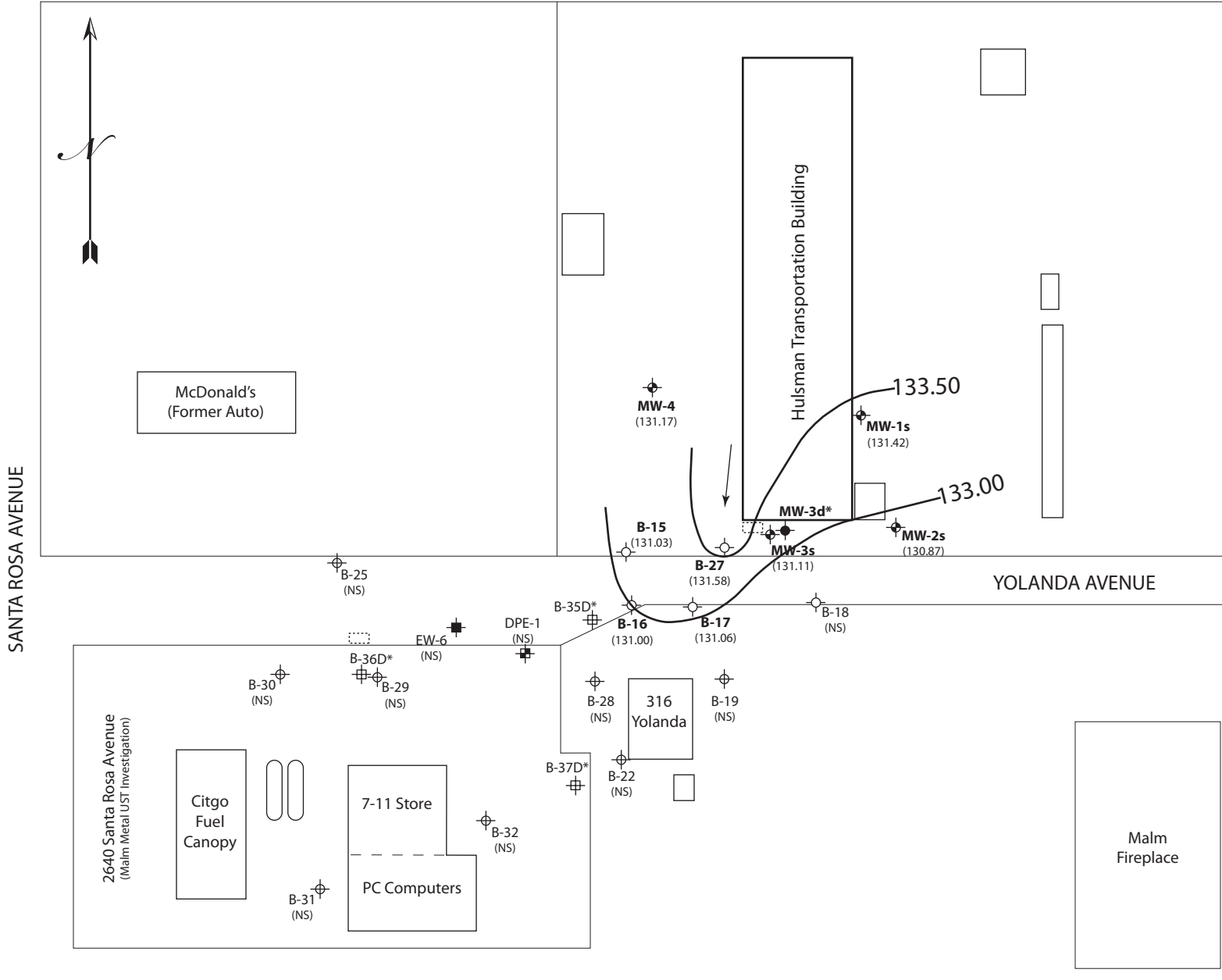
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GENERALIZED GEOLOGIC CROSS SECTION A-A'
REVISED LTCP EVALUATION FOR CASE CLOSURE
 Hulsman Transportation
 325 Yolanda Avenue, Santa Rosa, California
 NC-RWQCB CASE NO. 1TSR050

PLATE
6



EXPLANATION	
(CL)	Clay with silt and fine sand
(ML)	Fine sand and silt with clay
(SM)	Silty fine sand with clay and intermixed coarse sand
(SC)	Sand with silt, clay, and gravel
(GC)	Gravel with sand, silt and clay
	Soil boring, log reviewed
	Well screen interval
	DTW measured March 2012
	Estimated March 2012 static potentiometric surface
?	Uncertainty



EXPLANATION

- ⊕ Shallow Groundwater Monitoring Well, associated with Hulsman site, sampled by EGS
- ⊙ Deeper Groundwater Monitoring Well, associated with Hulsman site, sampled by EGS
- ⊕ Shallow Groundwater Monitoring Well, formerly associated with 2640 S.R. Ave. site, now associated with Hulsman site, sampled by EGS
- ⊕ Shallow Groundwater Monitoring Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ Deeper Groundwater Monitoring Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ Extraction Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ Dual Phase Extraction, associated with 2640 S.R. Ave. site, sampled by ECA
- * Monitoring well not included in gradient determination
- ⋯ FORMER UST Location
- ▭ CURRENT UST Location
- ↗ General Groundwater Gradient Direction

NOTES: NS = Not Sampled; GWE listed in parentheses adjacent to Well ID



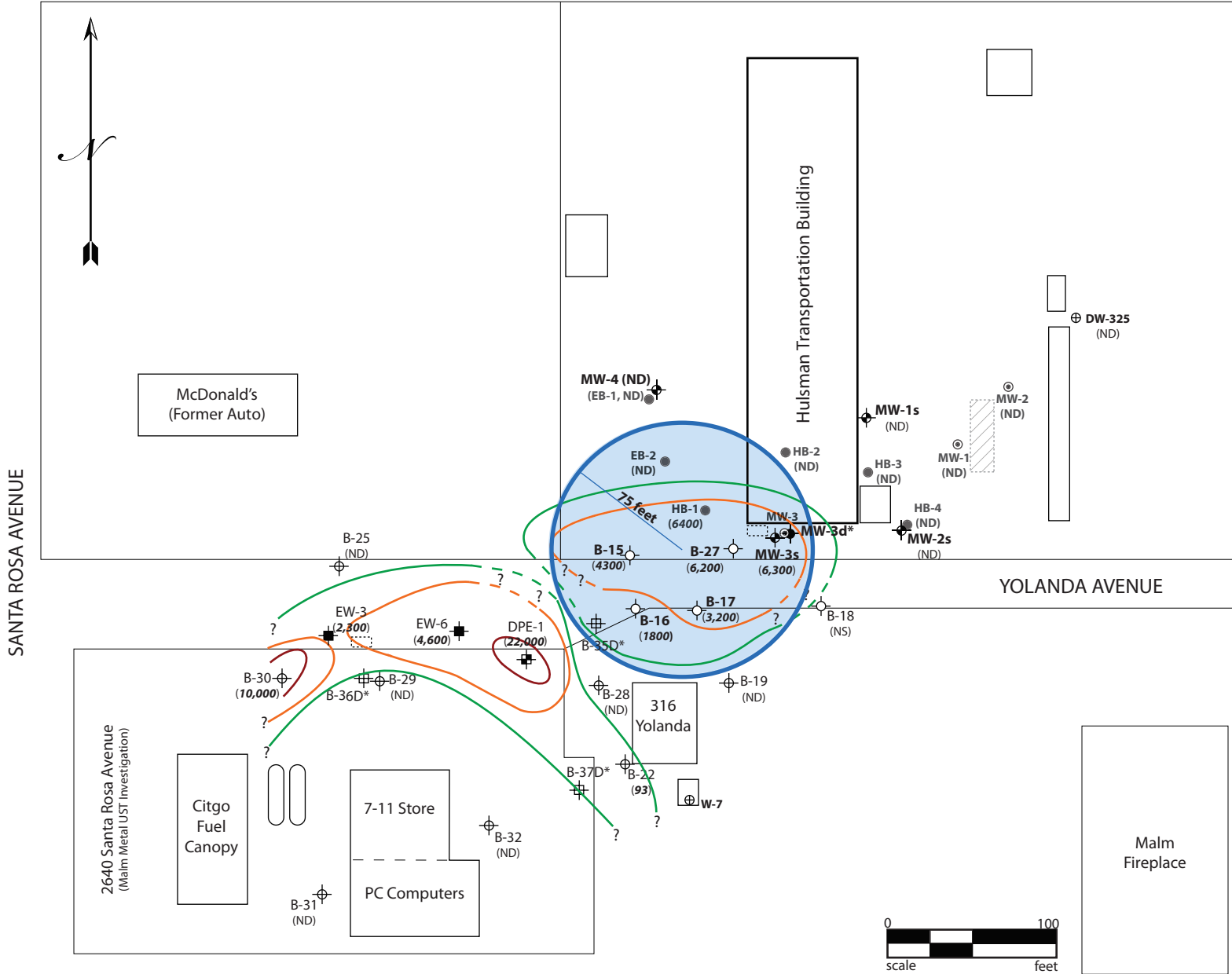
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2015 SHALLOW GRADIENT MAP
REVISED LTCP EVALUATION FOR CASE CLOSURE
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, CA
NC-RWQCB Case#1TSR050

PLATE
8



EXPLANATION

- ⊕ Shallow Groundwater Monitoring Well, associated with Hulsman site, sampled by EGS
- ⊖ Deeper Groundwater Monitoring Well, associated with Hulsman site, sampled by EGS
- ⊙ Shallow Groundwater Monitoring Well, formerly associated with 2640 S.R. Ave. site, now associated with Hulsman site, sampled by EGS
- ⊙ Former Groundwater Monitoring Well, MW-1 installed by Herzog, MW-3 installed by Hilmer Consulting, MW-3 installed by Sierra Environmental
- Soil Boring Locations, "HB" borings by ECA, "EB" borings by ECON
- ⊕ Shallow Groundwater Monitoring Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊖ Deeper Groundwater Monitoring Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊕ Extraction Well, associated with 2640 S.R. Ave. site, sampled by ECA
- ⊖ Dual Phase Extraction, associated with 2640 S.R. Ave. site, sampled by ECA

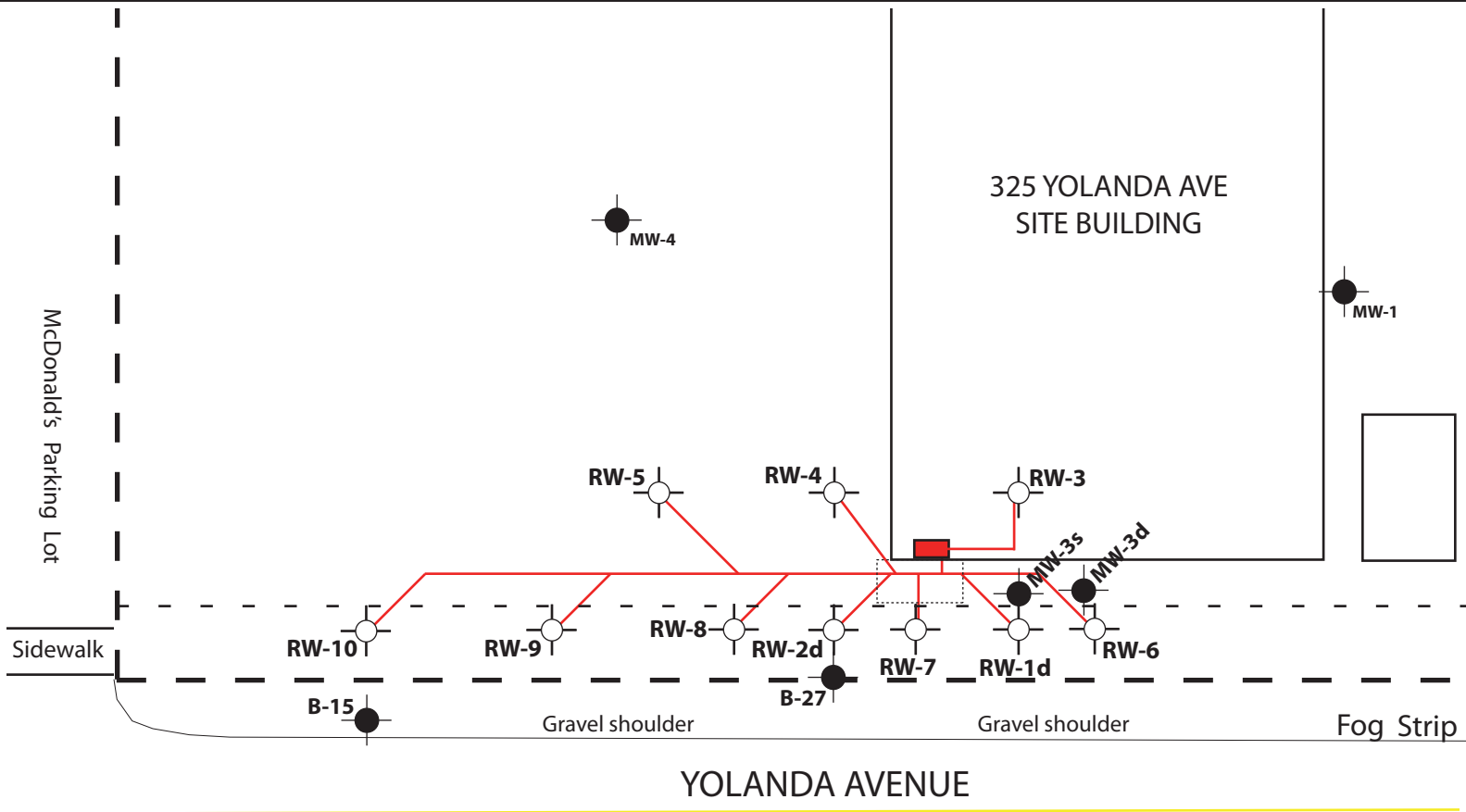
- TPH-G Concentration: 10,000 ppb (ug/L)
- TPH-G Concentration: 2,500 ppb (ug/L)
- TPH-G Concentration: 50 ppb (ug/L)
- ? Contour incomplete due to data gap
- * Deeper Groundwater Aquifer Monitoring well not included in contour determination
- ⊕ Radius of Impact and Area used for Estimated Contaminant Mass
- ⊕ DW-325 On Site Domestic Water Supply located at 325 Yolanda Avenue (ND in FEB 2016)
- ⊖ W-7 Abandoned Domestic Water Supply well at 316 Yolanda Avenue (Replaced Well W-4, 1983)
- ⊖ FORMER UST Location
- ⊖ FORMER DIESEL UST Locations
- ⊖ CURRENT UST Location

NOTES: NS = Not Sampled; ND = Not Detected; TPH-G Concentration (ug/L) in parentheses from most recent well sampling data (Mar/Apr 2015 for Hulsman wells; Sept 2014 for Malm Metal wells DPE-1, EW-3, EW-6), and B-30; Other Malm well data from 2012; Data from HB borings, 1998; Data from EB borings, 2001; MW-1, MW-2, MW-3 - 2001.

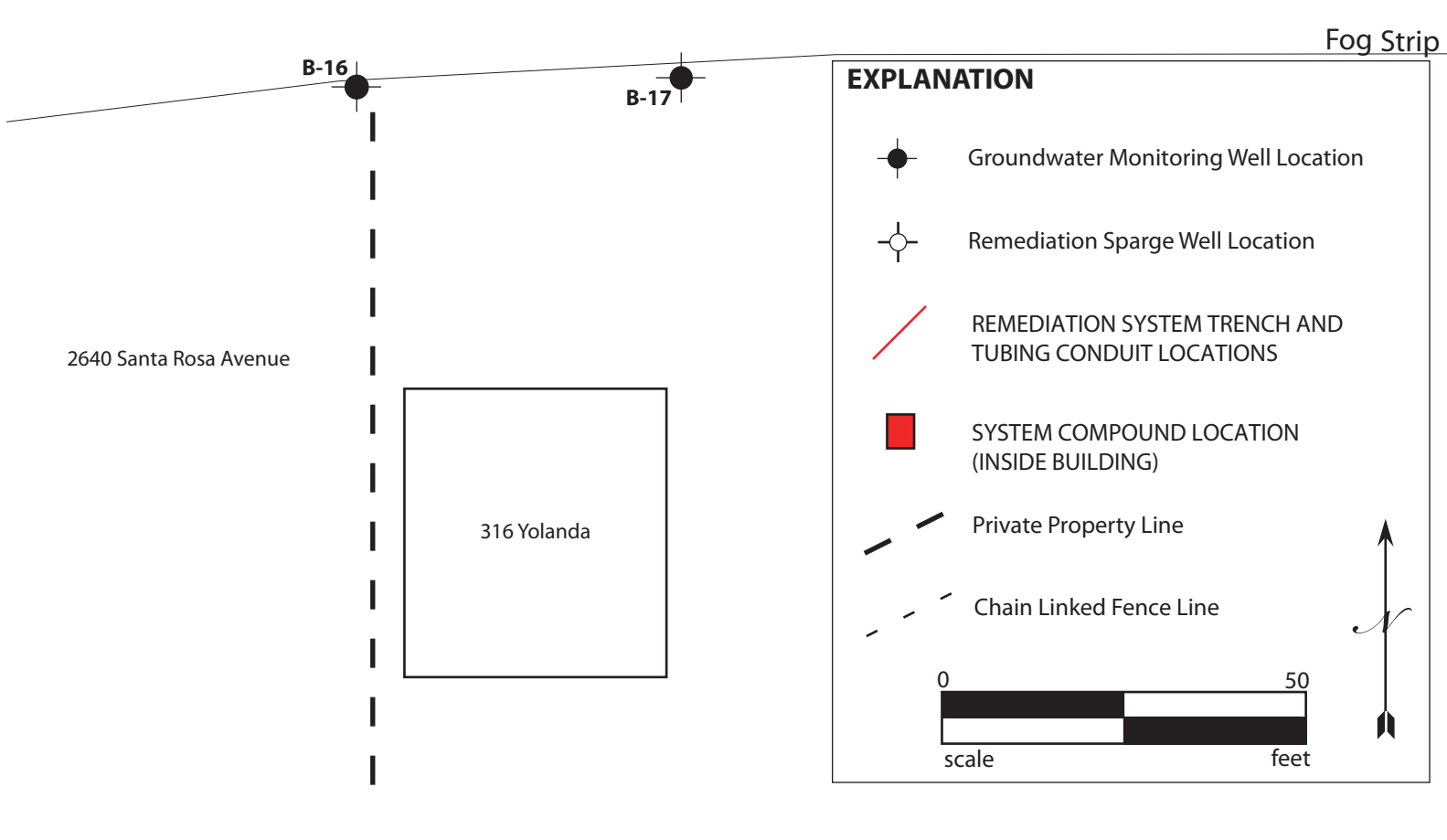
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TPH-G Contour with Radius of Impact (Mar 2015)
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 Santa Rosa, CA
 NC-RWQCB Case#1TSR050

PLATE
 9



YOLANDA AVENUE



EXPLANATION

- Groundwater Monitoring Well Location
- Remediation Sparge Well Location
- REMEDIATION SYSTEM TRENCH AND TUBING CONDUIT LOCATIONS
- SYSTEM COMPOUND LOCATION (INSIDE BUILDING)
- Private Property Line
- Chain Linked Fence Line

0 50
scale feet



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AOSS SPARGE WELL LOCATION MAP
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PLATE
10



EXPLANATION

-  SOIL VAPOR LOCATION
-  Former UST Location



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SOIL VAPOR PROBE LOCATION MAP
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Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, CA
NC-RWQCB Case#1TSR050

PLATE
11



EXPLANATION

EXISTING DOMESTIC WATER SUPPLY WELL
DW-325

EXISTING ONSITE MONITORING WELL
MW-1s

GRADIENT DIRECTION

ABANDONED DOMESTIC WATER SUPPLY WELL
W-1

EXISTING OFFSITE MONITORING WELL
B-25



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500-FOOT WELL LOCATION RADIUS MAP

REVISED LTCP EVALUATION FOR CASE CLSOUR

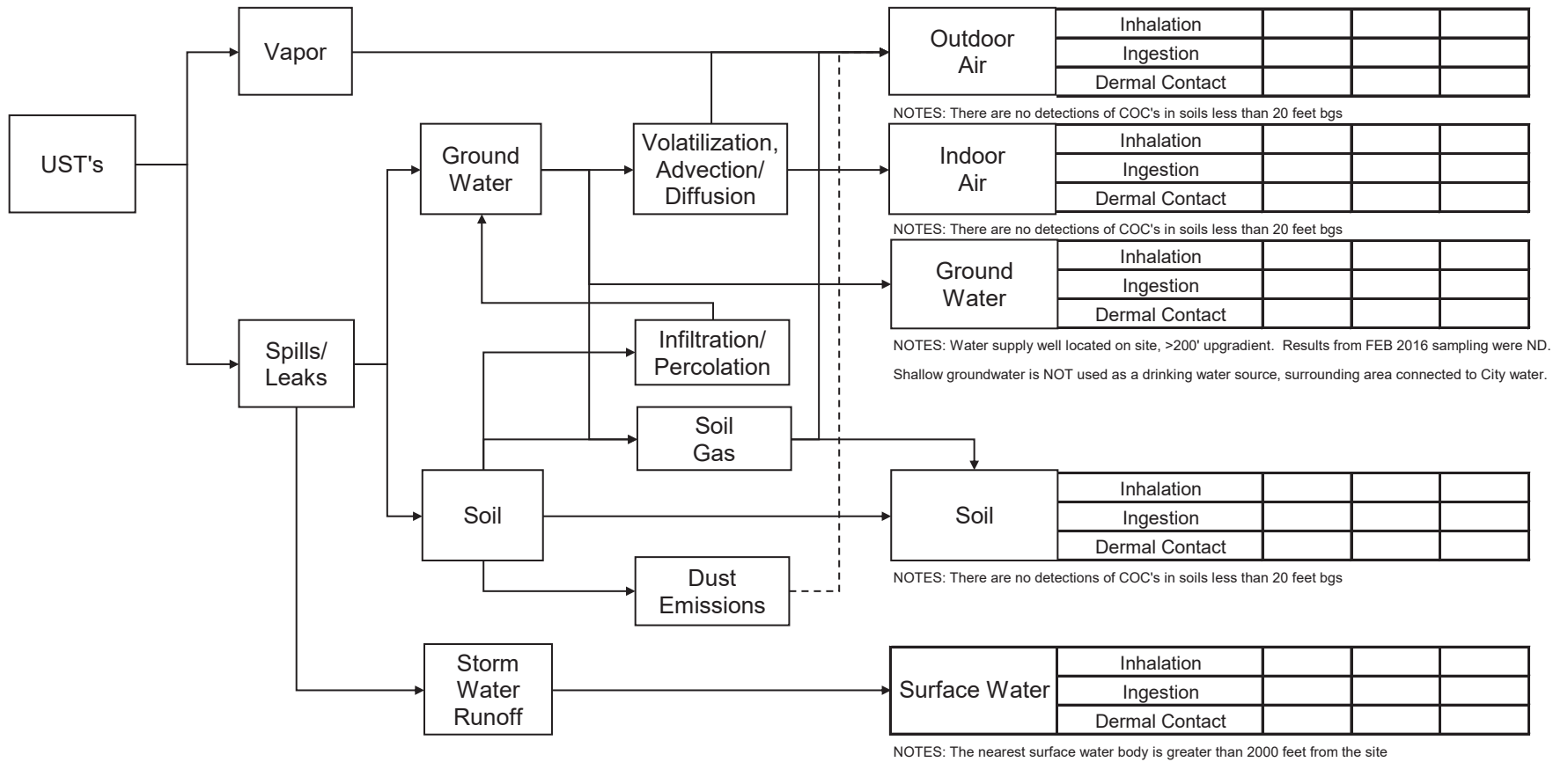
Hulsman Transportation
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NC-RWQCB Case #1TSR050

PLATE

12

PRIMARY CONTAMINANT SOURCES	POTENTIAL RELEASE MECHANISMS	POTENTIAL SECONDARY SOURCES	POTENTIAL RELEASE MECHANISMS
-----------------------------	------------------------------	-----------------------------	------------------------------

PATHWAY	EXPOSURE	RECEPTOR		
		ON-SITE		OFF-SITE
		Worker	Visitor	Visitor



EXPLANATION

<input type="checkbox"/>	Pathway is not complete; no evaluation required
<input type="radio"/>	Pathway is or might be complete but is judged to be minor
<input checked="" type="checkbox"/>	Pathway is or might be complete and could be significant



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SITE CONCEPTUAL MODEL
REVISED LTCP EVALUATION FOR CASE CLOSURE

Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NC-RWQCB CASE NO. 1TSR050

PLATE

13

APPENDIX B

Analytical Summary Tables

TABLE 1: Historical Summary of Analytical Results for On Site MW's MW-1s, MW-2s, MW-3s, MW-4								
Date	Sample ID	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	DTW
11/30/2004	MW-1s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	13.67
2/9/2005	MW-1s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	8.98
11/29/2007	MW-1s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	12.14
3/1/2010	MW-1s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<5.0	8.13
10/18/2011	MW-1s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	11.62
3/27/2012	MW-1s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	8.42
3/12/2014	MW-1s	ND<50	ND<1.0	ND<1.0	ND<1.0	1.2	ND<1.0	9.43
3/31/2015	MW-1s	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	10.92
11/30/2004	MW-2s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	13.31
2/9/2005	MW-2s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	8.95
11/29/2007	MW-2s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	11.86
3/1/2010	MW-2s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<5.0	7.81
10/18/2011	MW-2s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	11.21
3/27/2012	MW-2s	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	7.91
3/12/2014	MW-2s	ND<50	ND<1.0	ND<1.0	ND<1.0	1	ND<1.0	8.71
3/31/2015	MW-2s	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	10.99
11/30/2004	MW-3s	19000	630	190	2000	5800	33	13.16
2/9/2005	MW-3s	17000	1700	290	4700	13000	ND<250	8.59
11/29/2007	MW-3s	23000	610	ND<5.0	1500	1400	ND<250	11.71
3/1/2010	MW-3s	16000	550	62	970	790	ND<180	7.73
10/18/2011	MW-3s	5700	180	ND<2.5	370	200	ND<12	11.17
3/28/2012	MW-3s	7100	260	ND	530	290	ND<12	7.91
10/5/2012	MW-3s	9200	340	7.3	870	590	ND<12	12.33
3/12/2014	MW-3s	6600	400	ND	380	110	ND<10	8.74
6/12/2014	MW-3s	750	11	2.6	4.8	34	ND<2.5	10.62
9/16/2014	MW-3s	230	3.9	ND<0.5	9.6	27	ND<2.5	13.35
3/31/2015	MW-3s	6300	220	16	280	333	ND<5.0	10.71
9/26/2001	MW-4	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	16.84
11/30/2004	MW-4	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	12.16
2/9/2005	MW-4	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	7.42
11/29/2007	MW-4	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	10.76
3/1/2010	MW-4	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<5.0	6.59
10/18/2011	MW-4	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	10.22
3/27/2012	MW-4	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	6.81
3/12/2014	MW-4	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	7.78
3/31/2015	MW-4	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	9.61

NOTES: Source data prior to October 2011 from ECON

ND = Not Detected above reported detection limit.

Reported units are in parts per billion (or ppb, ug/L).

Refer to attached Analytical Sciences' Laboratory and QA/QC Report.

TABLE 2: Historical Summary of Analytical Results for On Site MW-3d and Off Site MW B-15

Date	Sample ID	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	DTW
11/30/2004	MW-3d	1100	89	3.8	34	8.8	19	13.05
2/9/2005	MW-3d	1800	370	14	40	6.5	ND<2.5	8.46
11/29/2007	MW-3d	850	14	1.8	ND<0.5	1.5	ND<2.5	11.62
3/1/2010	MW-3d	240	2.1	8.3	ND<0.5	ND<0.5	ND<20	7.52
10/18/2011	MW-3d	480	4.7	ND<0.5	ND<0.5	ND<1.5	8.7	11.00
3/28/2012	MW-3d	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	6.8	7.69
10/5/2012	MW-3d	170	2.2	2.1	0.58	1.7	11	12.37
3/12/2014	MW-3d	220	ND<1.0	ND<1.0	4.0	1.9	11	8.63
6/12/2014	MW-3d	75	ND<0.5	ND<0.5	ND<0.5	ND<1.5	7.0	10.93
9/16/2014	MW-3d	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	5.3	13.72
4/1/2015	MW-3d	200	ND<1.0*	ND<1.0	ND<1.0	ND<1.0	6.2	10.79
6/18/1990	B-15	45000	12000	7900	1600	6600	NA	21.15
6/6/1996	B-15	1800	160	16	86	74	NA	11.3
4/25/1997	B-15	180	1.4	0.67	0.81	ND	NA	12.9
11/11/1998	B-15	240	15	1.7	4.8	3.8	NA	14.7
2/16/1999	B-15	290	14	2	4.6	3.1	NA	11.5
7/11/2000	B-15	260	40	1.5	0.5	1.4	NA	11.57
11/14/2000	B-15	5700	190	190	380	680	NA	12.94
5/16/2001	B-15	480	32	1	1.2	2.3	NA	11.06
9/26/2001	B-15	770	220	310	570	1500	NA	15.1
8/12/2004	B-15	7400	1300	470	300	590	NA	11.32
11/23/2001	B-15	910	140	8.8	22	12	NA	11.56
3/9/2005	B-15	11000	2000	110	390	220	NA	5.68
10/31/2005	B-15	5900	720	98	110	150	NA	10.21
6/1/2006	B-15	11000	1800	70	530	170	NA	6.85
9/26/2006	B-15	13000	2200	220	460	380	NA	10.29
12/20/2006	B-15	11000	2000	240	420	480	NA	7.8
7/19/2007	B-15	8300	1100	24	130	29	NA	9.05
9/3/2008	B-15	11000	1600	95	220	100	NA	11.11
4/13/2012	B-15	Well located, determined to be in good repair, and new Christy box installed.						
4/25/2012	B-15	4900	170	29	95	35	ND	5.95
10/4/2012	B-15	1500	81	7.8	10	9.0	ND<12	10.26
3/12/2014	B-15	1100	110	12	57	18.8	ND<1.0	6.81
6/12/2014	B-15	110	2.8	ND<0.5	ND<0.5	ND<1.5	ND<2.5	7.92
9/16/2014	B-15	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	11.51
4/1/2015	B-15	4300	540	32	11	26.4	ND<1.0	8.86

NOTES: Source data prior to October 2011 from ECON

ND = Not Detected above reported detection limit.

Reported units are in parts per billion (or ppb, ug/L).

*There were also detections of chlorinated solvents in this well related to the adjacent site to the south.

Refer to attached Analytical Sciences' Laboratory and QA/QC Report.

TABLE 3: Historical Summary of Analytical Results for Off Site MW B-16

Date	Sample ID	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	DTW
12/13/1989	B-16	43000	10000	10000	900	4600	NA	--
6/7/1996	B-16	10000	330	330	590	1100	NA	11.92
4/25/1997	B-16	4700	150	150	290	320	NA	13.33
11/12/1998	B-16	2200	55	55	120	130	NA	15.71
2/15/1999	B-16	960	14	14	43	45	NA	12.13
7/11/2000	B-16	3800	86	86	210	110	NA	12.13
11/14/2000	B-16	1800	31	31	110	120	NA	13.41
5/16/2001	B-16	2100	35	35	170	190	NA	11.6
9/26/2001	B-16	3900	52	52	270	210	NA	15.68
8/12/2004	B-16	5000	150	150	250	260	NA	11.86
11/23/2004	B-16	1200	85	85	17	14	NA	11.66
3/9/2005	B-16	1400	270	270	47	14	NA	6.26
10/31/2005	B-16	5400	870	870	200	75	NA	10.24
6/1/2006	B-16	1400	130	130	0.72	13	NA	7.57
9/25/2006	B-16	1900	350	350	53	5.8	NA	10.96
12/20/2006	B-16	290	99	99	2.1	0.89	NA	8.41
7/16/2007	B-16	820	31	31	6.2	1.1	NA	9.65
9/20/2007	B-16	210	40	40	5.9	1	NA	10.91
1/7/2008	B-16	99	4	4	1.3	ND	NA	7.33
9/3/2008	B-16	500	5.6	5.6	1.7	1.5	NA	11.27
10/19/2011	B-16	2600	190	ND<0.5	15	11	ND<2.5	9.84
3/28/2012	B-16	ND<50	1.2	ND<0.5	0.9	ND<1.5	ND<2.5	6.61
10/4/2012	B-16	220	14	3.0	1.5	2.8	ND<2.5	10.85
3/12/2014	B-16	160	2.4	ND<1.0	ND<1.0	ND<1.0	ND<1.0	7.44
6/12/2014	B-16	790	26	1.0	0.89	ND<1.5	ND<2.5	9.04
9/16/2014	B-16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	12.02
4/1/2015	B-16	1800	130	6.6	3.0	3.6	ND<1.0	9.49
11/12/1998	B-17	49000	3300	530	1400	2900	NA	16.2
2/15/1999	B-17	24000	3600	710	1400	2500	NA	12.5
7/11/2000	B-17	4700	1700	220	570	1300	NA	8.99
11/14/2000	B-17	17000	1600	330	960	1100	NA	12.57
5/16/2001	B-17	7200	530	120	470	600	NA	13.99
9/26/2001	B-17	15000	1300	310	1100	1200	NA	11.98
8/12/2004	B-17	8800	530	83	930	390	NA	16.17
11/23/2004	B-17	870	28	3.4	5.2	3.4	NA	12.27
3/9/2005	B-17	1000	130	12	24	26	NA	12.04
10/31/2005	B-17	12000	2400	67	550	320	NA	6.59
6/1/2006	B-17	4400	960	7.3	56	12	NA	11.07
9/25/2006	B-17	12000	2000	60	220	310	NA	7.87
12/20/2006	B-17	14000	1800	52	260	70	NA	11.3
7/16/2007	B-17	5600	800	13	32	20	NA	8.71
9/20/2007	B-17	7300	1100	8	22	9.6	NA	10.02

NOTES: Source data prior to October 2011 from ECON

ND = Not Detected above reported detection limit.

Reported units are in parts per billion (or ppb, ug/L).

Refer to attached Analytical Sciences' Laboratory and QA/QC Report.

TABLE 4: Historical Summary of Analytical Results for Off Site MW's B-17 (Cont) & B-27 as well as historic soil borings HB-1 through HB-4 and EB-1 and EB-2 and DW-325

Date	Sample ID	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	DTW
1/7/2008	B-17	4600	460	5.6	13	14	NA	7.69
9/3/2008	B-17	11000	390	8.7	40	16	NA	11.98
10/19/2011	B-17	3300	280	ND<2.5	39	23	ND<12	10.21
3/28/2012	B-17	6300	140	ND<2.5	11	21	ND<12	6.94
10/4/2012	B-17	3100	180	4.0	11	10	ND<12	11.31
3/12/2014	B-17	2300	48	1.9	4.0	5.0	3.7	7.78
6/12/2014	B-17	700	7.6	ND<0.5	0.6	1.7	16	9.23
9/16/2014	B-17	420	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	12.37
4/1/2015	B-17	3200	66	5.6	3.5	7.4	ND<1.0	9.78
9/26/2001	B-27	67000	1400	2300	4600	18000	NA	15.65
8/12/2004	B-27	38000	850	210	3100	8900	NA	11.22
11/23/2004	B-27	25000	280	90	1800	5500	NA	10.99
3/9/2005	B-27	25000	370	63	1600	4400	NA	5.44
10/31/2005	B-27	36000	740	110	2200	5700	NA	10.34
6/1/2006	B-27	24000	610	57	1600	3200	NA	6.67
9/26/2006	B-27	23000	650	100	1800	3500	NA	10.11
12/20/2006	B-27	18000	460	58	1300	2800	NA	7.75
9/21/2007	B-27	24000	610	59	1400	1700	NA	10.19
9/9/2008	B-27	15000	560	52	1200	940	NA	--
10/18/2011	B-27	7600	610	63	980	580	ND<25	9.15
3/28/2012	B-27	5000	250	ND<5.0	130	54	ND<25	5.86
3/12/2014	B-27	5000	280	14	620	220	17	6.73
6/12/2014	B-27	6000	300	3.5	280	400	ND<2.5	8.57
9/16/2014	B-27	4300	120	ND<1.0	130	360	ND<5.0	11.46
4/1/2015	B-27	6200	250	11	470	190	13	6.68
5/20/1998	HB-1	6400	1800	22	300	43	ND<10	9.9
5/20/1998	HB-2	ND<50	1.1	ND<0.5	ND<0.5	ND<0.5	ND<5.0	11.1
5/20/1998	HB-3	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	11.3
5/20/1998	HB-4	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	11.6
4/10/2001	EB-1	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	14.5
4/10/2001	EB-2	67.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	17
4/14/1989	DW-325	ND	ND	ND	ND	ND	ND	NM
5/23/1990	DW-325	ND	ND	ND	ND	ND	ND	NM
10//19/11	DW-325	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<2.5	NM
2/29/2016	DW-325	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	NM

NOTES: Source data prior to October 2011 from ECON

ND = Not Detected above reported detection limit; NM = Not Measured

Reported units are in parts per billion (or ppb, ug/L).

Refer to attached Analytical Sciences' Laboratory and QA/QC Report.

TABLE 5: Historical Summary of Analytical Results for Older On Site Wells MW-1, MW-2, MW-3

Date	Sample ID	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes
12/7/1988	MW-1	NA	ND<0.05	0.26	ND<0.5	ND<1.5	ND<0.5	ND<1.5
4/14/1989	MW-1	NA	ND<0.05	ND<0.05	ND<0.5	ND<0.5	ND<1.5	ND<1.5
7/14/1989	MW-1	NA	ND<0.05	ND<0.05	ND<0.5	ND<0.5	ND<1.5	ND<1.5
10/25/1989	MW-1	NA	ND<0.05	ND<0.05	ND<0.5	ND<0.5	ND<1.5	ND<1.5
10/25/1989	MW-1	NA	ND<0.05	ND<0.05	ND<0.5	ND<0.5	ND<1.5	ND<1.5
12/3/1996	MW-1	ND<0.05	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5
9/26/2001	MW-1	ND<0.05	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5
5/9/1990	MW-2	NA	ND<0.05	ND<0.5	23	83	9.6	88
6/8/1990	MW-2	ND<0.05	ND<0.05	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
12/3/1996	MW-2	ND<0.05	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5
9/26/2001	MW-2	ND<0.05	NA	NA	ND<0.5	ND<0.5	ND<0.5	ND<0.5
1/30/1992	MW-3	13	NA	NA	2200	200	650	1100
12/3/1996	MW-3	43	NA	NA	4100	3100	3000	9900
5/20/1998	MW-3	34	NA	NA	2400	1300	2000	5800
9/26/2001	MW-3	3	NA	NA	170	76	260	770

NOTES: Source data prior to October 2011 from ECON, ECA, Sierra, Hilmer, and Herzog

ND = Not Detected above stated reported detection limit, NA = Not Analyzed

Reported units are in parts per million (or ppm, mg/L) for TPH-D/MO and parts per billion (or ppb, ug/L) for BTEX.

* = BT Soil Borings were batched by the laboratory for analysis and testing during the CAP Bench Test

TABLE 6: Historical Summary of Analytical Results from Site Excavation Samples and Older MW's

Date	Sample ID	Source	TPHG	TPHD	TPHMO	Benzene	Toluene	Ethylbenz	Xylenes	MTBE
10/4/88	SN-1	KF	NA	ND<10	ND<10	ND<2	ND<2	ND<2	ND<2	NA
10/4/88	SM-1B	KF	NA	3100	ND<10	ND<2	ND<2	ND<2	ND<2	NA
10/4/88	SM-1A	KF	NA	680	ND<10	ND<2	ND<2	ND<2	ND<2	NA
10/4/88	SS-1	KF	NA	60	ND<10	ND<2	ND<2	ND<2	ND<2	NA
10/21/88	SM-1b-1 16'	NET	NA	ND<10	ND<10	NA	NA	NA	NA	NA
10/21/88	SM-1a-1 16'	NET	NA	ND<10	ND<10	NA	NA	NA	NA	NA
10/21/88	SS-1-1 14'	NET	NA	ND<10	ND<10	NA	NA	NA	NA	NA
10/18/91	EX-1d23	Sierra	15	NA	NA	700	230	84	360	NA
10/18/91	EX-2d12	Sierra	ND<1.0	NA	NA	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025
10/18/91	EX-3d12	Sierra	ND<1.0	NA	NA	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025
10/18/91	EX-4d12	Sierra	ND<1.0	NA	NA	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025
10/18/91	EX-5d12	Sierra	ND<1.0	NA	NA	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025
11/29/1988	MW-1d15	Herzog	NA	ND<10	ND<10	ND<2.5	ND<2.5	ND<3.0	ND<3.0	NA
4/27/1990	MW-2d21	Hilmer	NA	ND<1.0	ND<10	ND<2.5	ND<2.5	ND<2.5	ND<2.5	NA
4/27/1990	MW-2d31	Hilmer	NA	ND<1.0	ND<10	ND<2.5	ND<2.5	ND<2.5	ND<2.5	NA
1/27/1992	MW-3d6	Sierra	ND<1.0	NA	NA	3.9	7.8	2.4	15	NA
1/27/1992	MW-3d16	Sierra	ND<1.0	NA	NA	12	ND<2.5	ND<2.5	ND<2.5	NA
1/27/1992	MW-3d28.5	Sierra	1	NA	NA	230	4	56	44	NA
1/27/1992	MW-3d31	Sierra	6.2	NA	NA	1600	ND<2.5	580	670	NA
1/27/1992	MW-3d39	Sierra	ND<1.0	NA	NA	25	ND<2.5	5.2	11	NA

NOTES: Source data prior to October 2011 from ECON, ECA, Sierra, Hilmer, Herzog, Kleinfelder (KF)

ND = Not Detected above reported detection limit, NA = Not Analyzed

Reported units are in mg/kg for TPH and ug/kg for BTEX/MTBE.

TABLE 7: Historical Summary of Analytical Results from Site Soil Boring Samples

Date	Sample ID	Source	TPH-G	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
5/20/1998	HB-1/11-11.5	ECA	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
5/20/1998	HB-1/16-16.5	ECA	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
5/20/1998	HB-2/11-11.5	ECA	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
5/20/1998	HB-2/15.5-16	ECA	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
5/20/1998	HB-2/20.5-21	ECA	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
5/20/1998	HB-3/10.5-11	ECA	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
5/20/1998	HB-3/15.5-16	ECA	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
5/20/1998	HB-4/11-11.5	ECA	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
5/20/1998	HB-4/15.5-16	ECA	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
4/17/2001	MW-4d6	ECON	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	NA
4/17/2001	MW-4d11	ECON	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
4/17/2001	MW-4d16	ECON	ND<1.0	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.05
11/15/2004	MW-1Sd5.5	ECON	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<25
11/15/2004	MW-1Sd15.5	ECON	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<25
11/15/2004	MW-1Sd25.5	ECON	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<25
11/15/2004	MW-2Sd5.5	ECON	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<25
11/15/2004	MW-2Sd15.5	ECON	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<25
11/15/2004	MW-2Sd25.5	ECON	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<25
11/17/2004	MW-3Sd5.5	ECON	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<25
11/17/2004	MW-3Sd15.5	ECON	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.015	2.3
11/17/2004	MW-3Sd25.5	ECON	110	0.63	0.6	3.6	12	ND<100
11/17/2004	MW-3Dd30.5	ECON	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.015	8.6
11/17/2004	MW-3Dd35.0	ECON	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.015	ND<25
12/19/2012	BT-1d3, 4	EGS	ND<4.0**	ND<0.02**	ND<0.02**	ND<0.02**	ND<0.02**	ND<0.02**
12/19/2012	BT-2d5,5.5,9	EGS						
12/19/2012	BT-3d3,4,5,6	EGS						
12/19/2012	BT-3d8,8.5,11	EGS						
12/19/2012	BT-3d11.5,16,16.5	EGS						
12/19/2012	BT-4d6.5,7,9	EGS						
12/19/2012	BT-4d14.5,16	EGS						
Date	Sample ID	Source	TPH-G	Benzene	Toluene	Ethyl-benzene	Xylenes	Oxygen
8/4/2016	SV-1	EGS	ND<10000	37	ND<200	ND<100	ND<200	17%
8/4/2016	SV-2	EGS	ND<10000	ND<35	ND<200	ND<100	ND<200	20%
8/4/2016	SV-3	EGS	ND<10000	ND<35	ND<200	ND<100	ND<200	9.90%
8/4/2016	SV-4	EGS	ND<10000	36	ND<200	ND<100	ND<200	16%
8/4/2016	SV-5	EGS	ND<10000	57	ND<200	ND<100	ND<200	19%
8/4/2016	SV-6	EGS	ND<10000	ND<35	ND<200	ND<100	ND<200	17%
8/4/2016	SV-7	EGS	ND<10000	57	ND<200	ND<100	ND<200	20%
8/4/2016	SV-8	EGS	ND<10000	ND<35	ND<200	ND<100	ND<200	18%

NOTES: Source data prior to October 2011 from ECON, ECA, Sierra, Hilmer, Herzog, Kleinfelder

ND = Not Detected above reported detection limit, NA = Not Analyzed

Reported units are in ug/kg for TPH-G and BTEX/MTBE, and ug/m³ for "SV" samples.

** = BT Soil Borings were batched by the laboratory for analysis and testing during the CAP Bench Test

TABLE 8: Site Monitoring Well Construction Details

Well ID	Install Date	Total Depth (ft)	Boring Diameter (in)	Well Casing Diameter (in)	Screen Size (in)	Screened Interval (ft)	Sand Pack Interval (ft)	TOC Elevation (ft-MSL)
MW-1	Feb-89	46.5	8	2	0.02	24 to 46.5	23.8 to 46.5	145.14
MW-2	Apr-90	53	8	2	NA	NA	NA	144.63
MW-3	Jan-92	39.5	8	2	0.02	22 to 39.5	20 to 39.5	144.14
MW-4	Apr-01	25	8	2	0.01	5 to 25	4 to 25	140.78
MW-1s	Nov-04	26.5	8	2	0.01	10 to 25	8 to 26.5	142.34
MW-2s	Nov-04	26.5	8	2	0.01	10 to 25	8 to 26.5	141.86
MW-3s	Nov-04	26.5	8	2	0.01	5 to 25	4 to 26.5	141.82
MW-3d	Nov-04	36.5	8	2	0.01	30 to 35	29 to 36.5	141.54
B-15	NA	25	8	2	0.02	4 to 25	4 to 25	140.01
B-16	NA	25	8	2	0.02	4 to 25	4 to 25	140.49
B-17	NA	25	8	2	0.02	4 to 25	4 to 25	140.84
B-18	NA	NA	NA	NA	NA	NA	NA	NA
B-27	Aug-01	26.5	8	2	0.01	10 to 25	9 to 26.5	139.78
RW-1	Dec-13	40	8	1	1x12 inch sparge tip	36 to 37	30.5 to 40	NA
RW-2	Dec-13	37	8	1	1x12 inch sparge tip	30 to 31	27 to 32	NA
RW-3	Dec-13	27	8	1	1x12 inch sparge tip	25 to 26	22.5 to 27	NA
RW-4	Dec-13	27	8	1	1x12 inch sparge tip	22.5 to 23.5	22 to 25	NA
RW-5	Dec-13	29	8	1	1x12 inch sparge tip	23 to 24	21.5 to 26	NA
RW-6	Dec-13	24	8	1	1x12 inch sparge tip	20 to 21	18 to 24	NA
RW-7	Dec-13	24	8	1	1x12 inch sparge tip	20 to 21	18 to 24	NA
RW-8	Dec-13	25.5	8	1	1x12 inch sparge tip	22 to 23	20 to 24	NA
RW-9	Dec-13	28	8	1	1x12 inch sparge tip	23.5 to 24.5	20.5 to 26	NA
RW-10	Dec-13	20	8	1	1x12 inch sparge tip	17.5 to 18.5	16.5 to 20	NA

NOTES: Source data prior to October 2011 from ECON, ECA, Sierra, Hilmer, Herzog, Kleinfelder (KF)

NA = Not Available or Not Identified during file review

APPENDIX C

Historic Concentration Trend Charts

Chart 1: Historic Concentration Trend for TPH-G in MW-3s

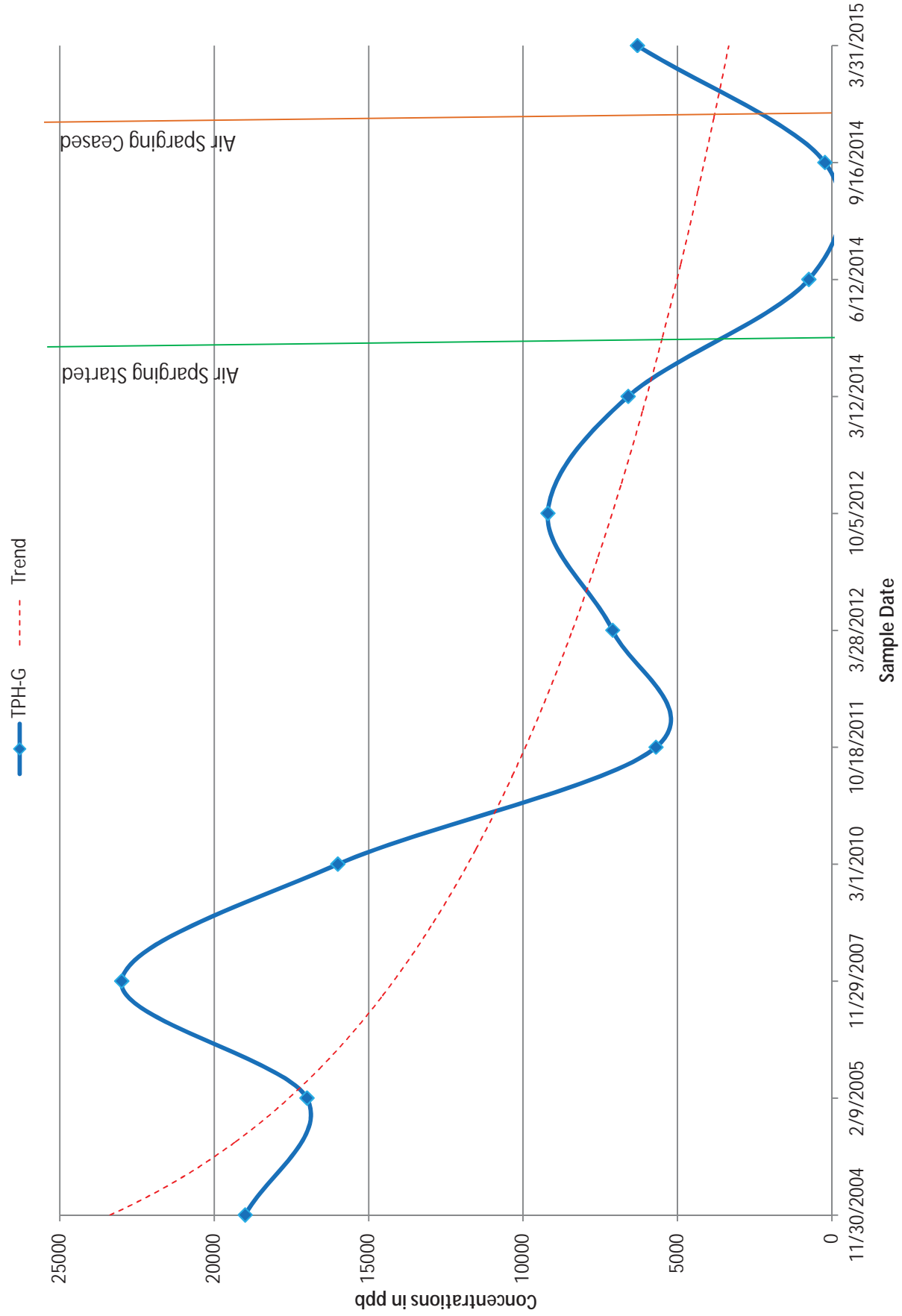


Chart 2: Historic Concentration Trend for Benzene in MW-3s

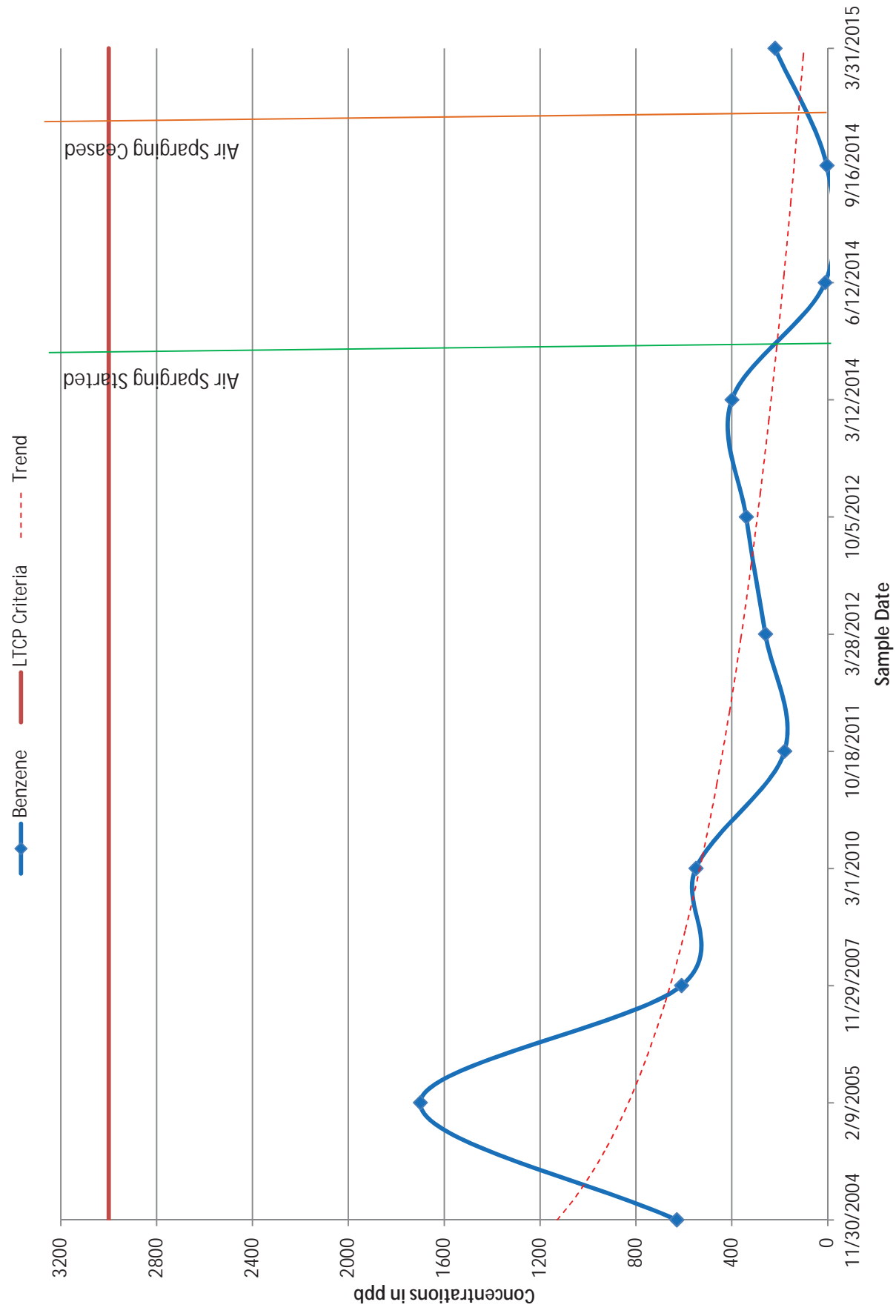


Chart 3: Historic Concentration Trend for TPH-G in MW-3d

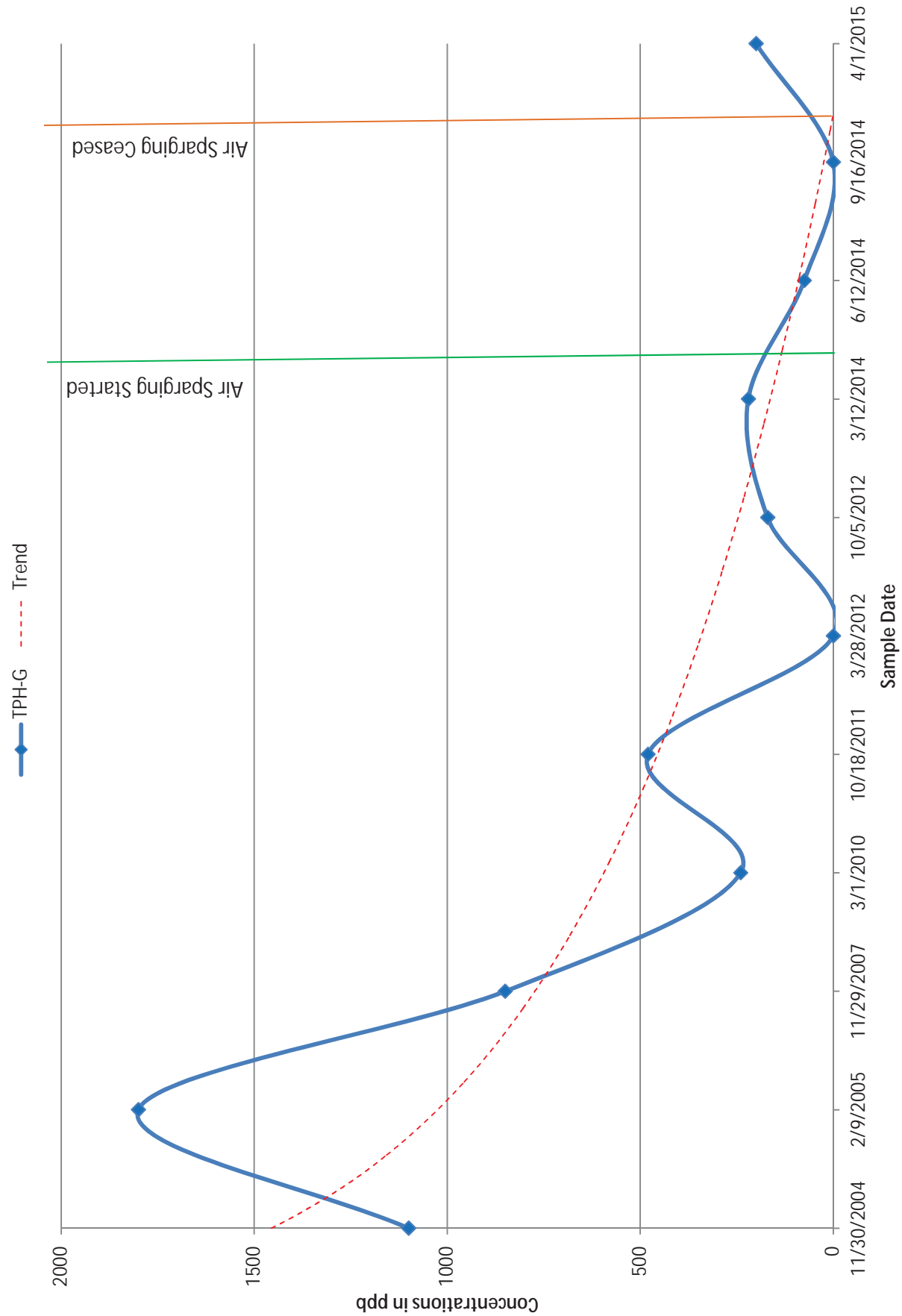


Chart 4: Historic Concentration Trend for Benzene in MW-3d

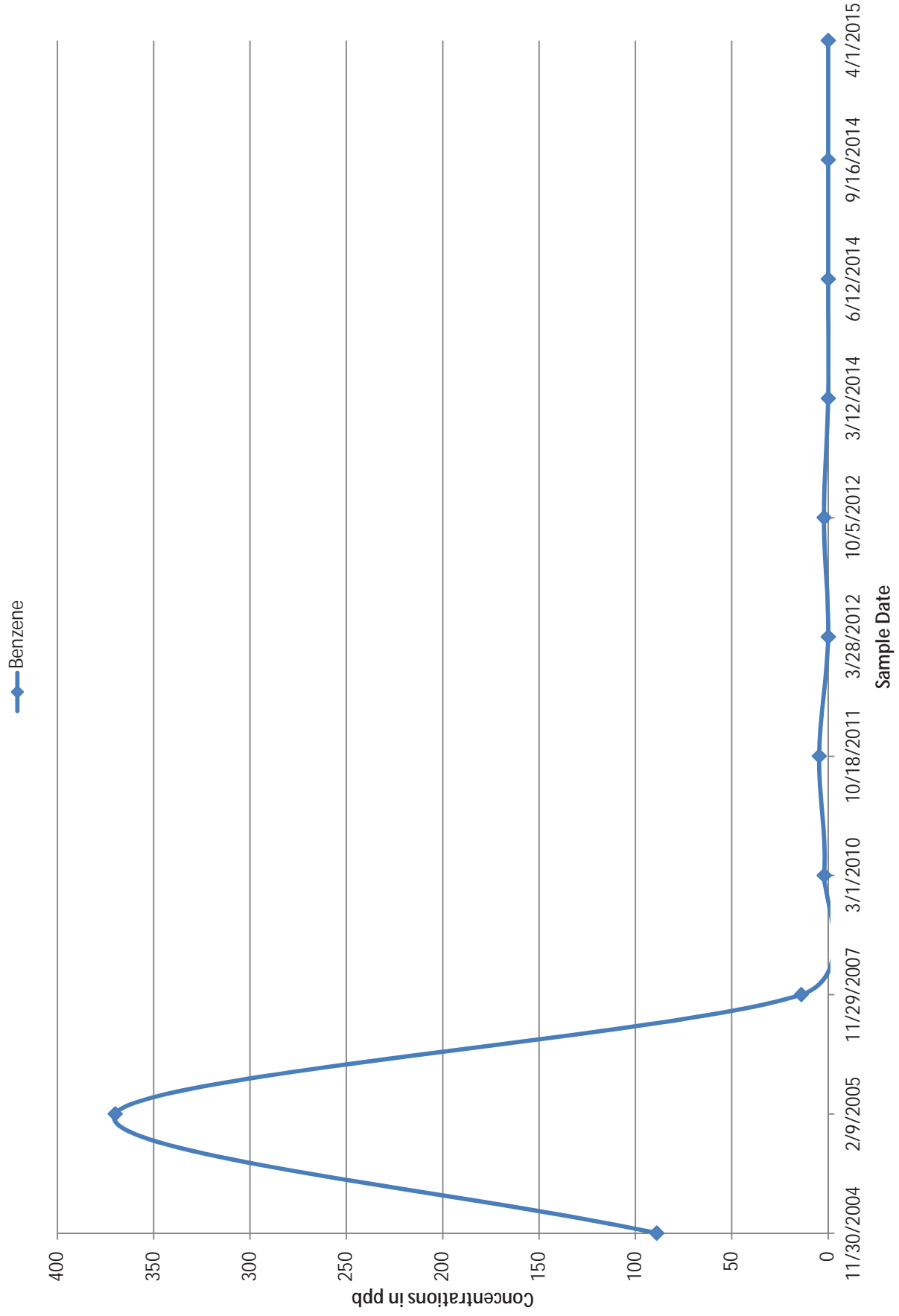


Chart 5: Historic Concentration Trend for TPH-G in B-15

The highest (initial) concentration of 45,000 ppb detected in June 1990 was removed for improved data representation.

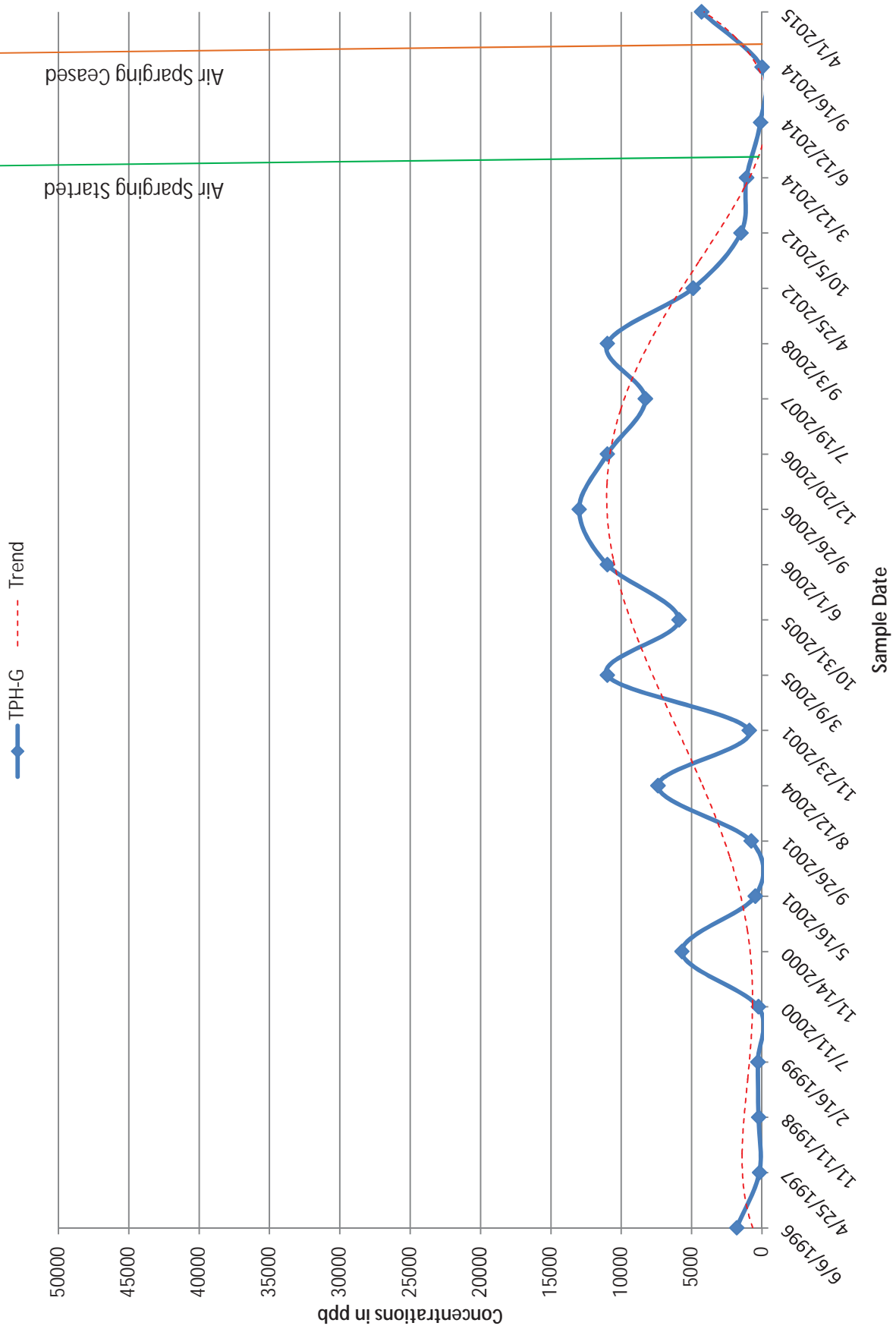


Chart 6: Historic Concentration Trend for Benzene in B-15

The highest (initial) concentration of 12,000 ppb detected in June 1990 was removed for improved data representation.

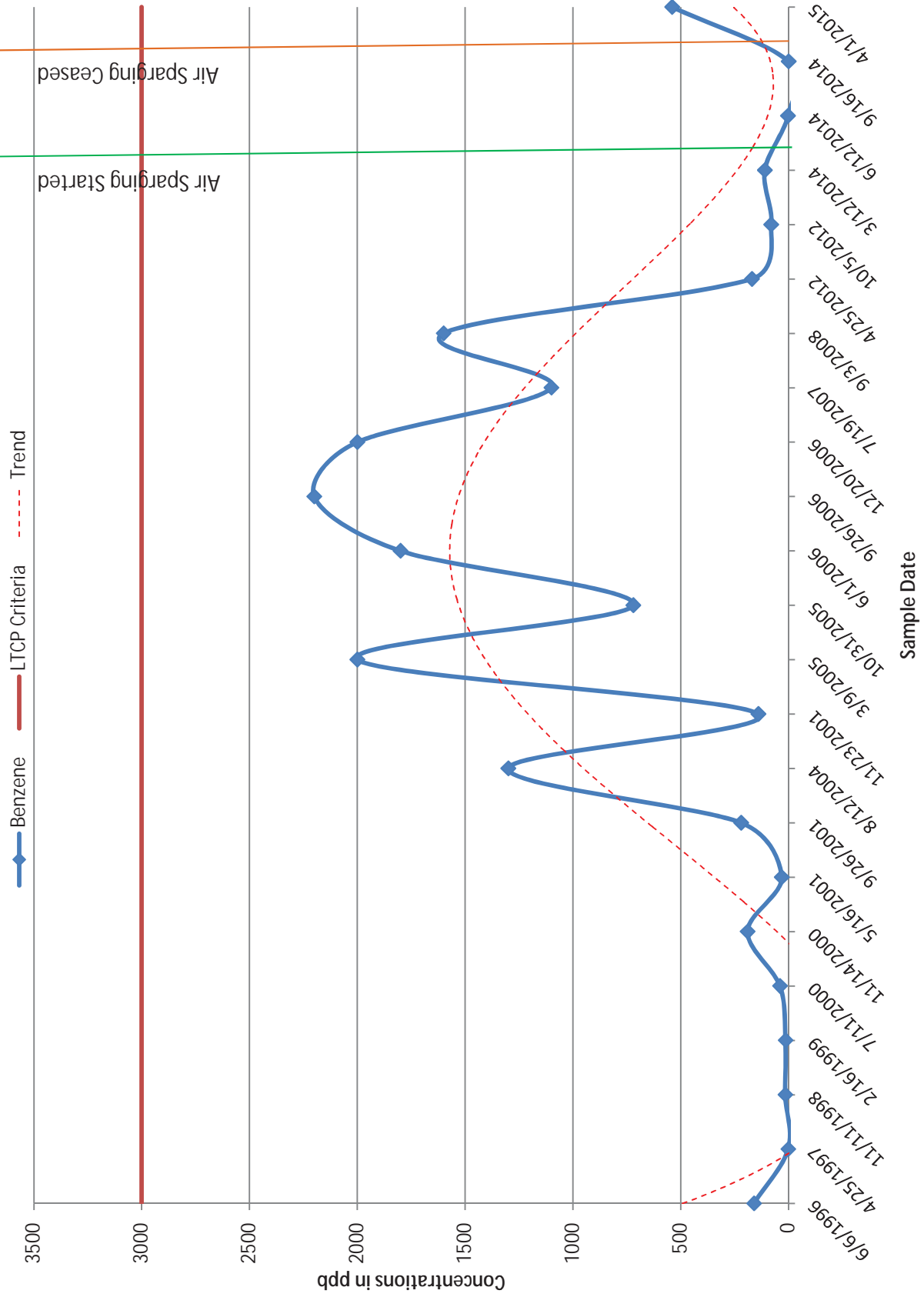


Chart 7: Historic Concentration Trend for TPH-G in B-16

The highest (initial) concentration of 43,000 ppb detected in December 1989 was removed for improved data representation.

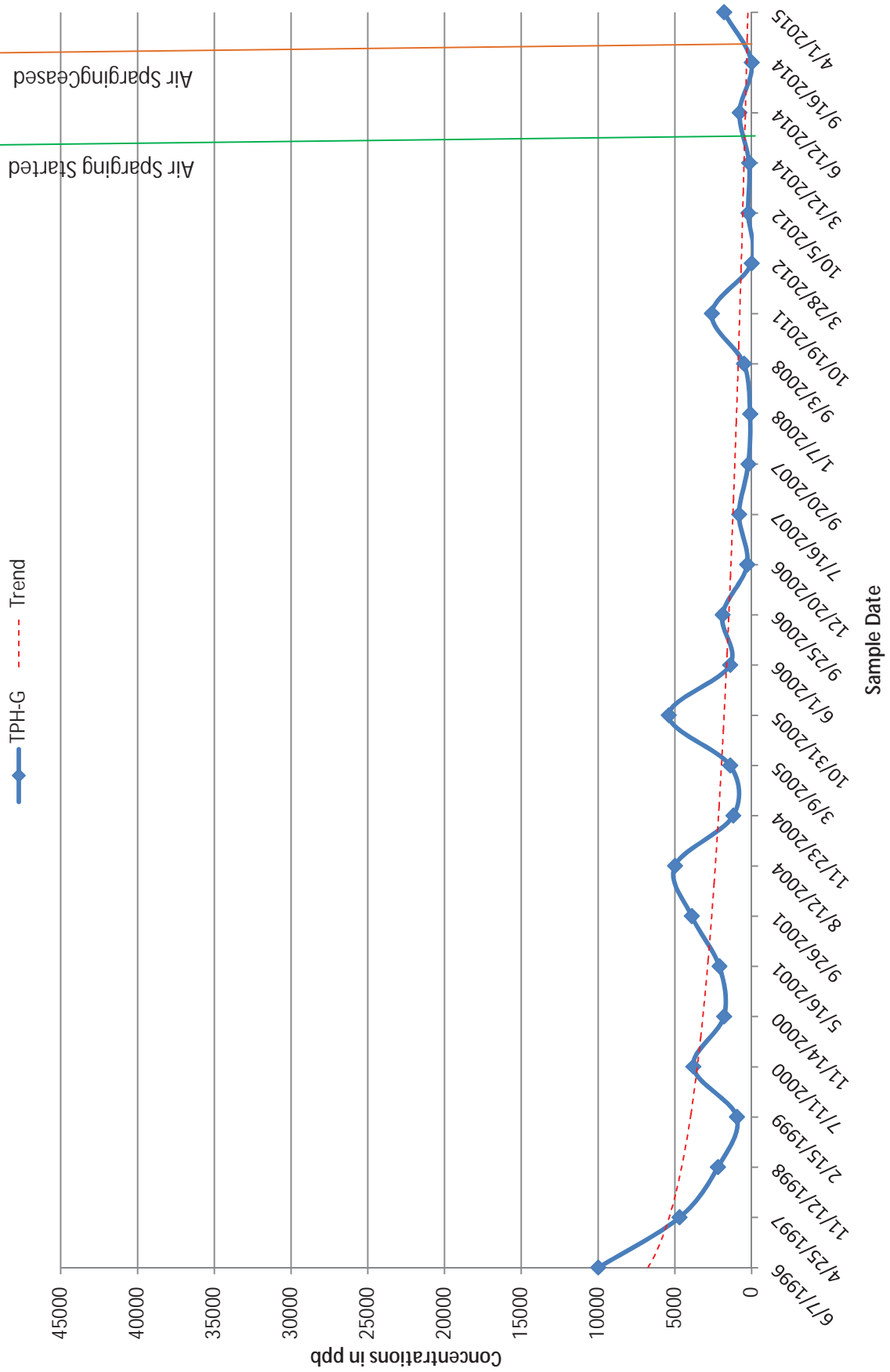


Chart 8: Historic Concentration Trend for Benzene in B-16

The highest (initial) concentration of 10,000 ppb detected in December 1989 was removed for improved data representation.

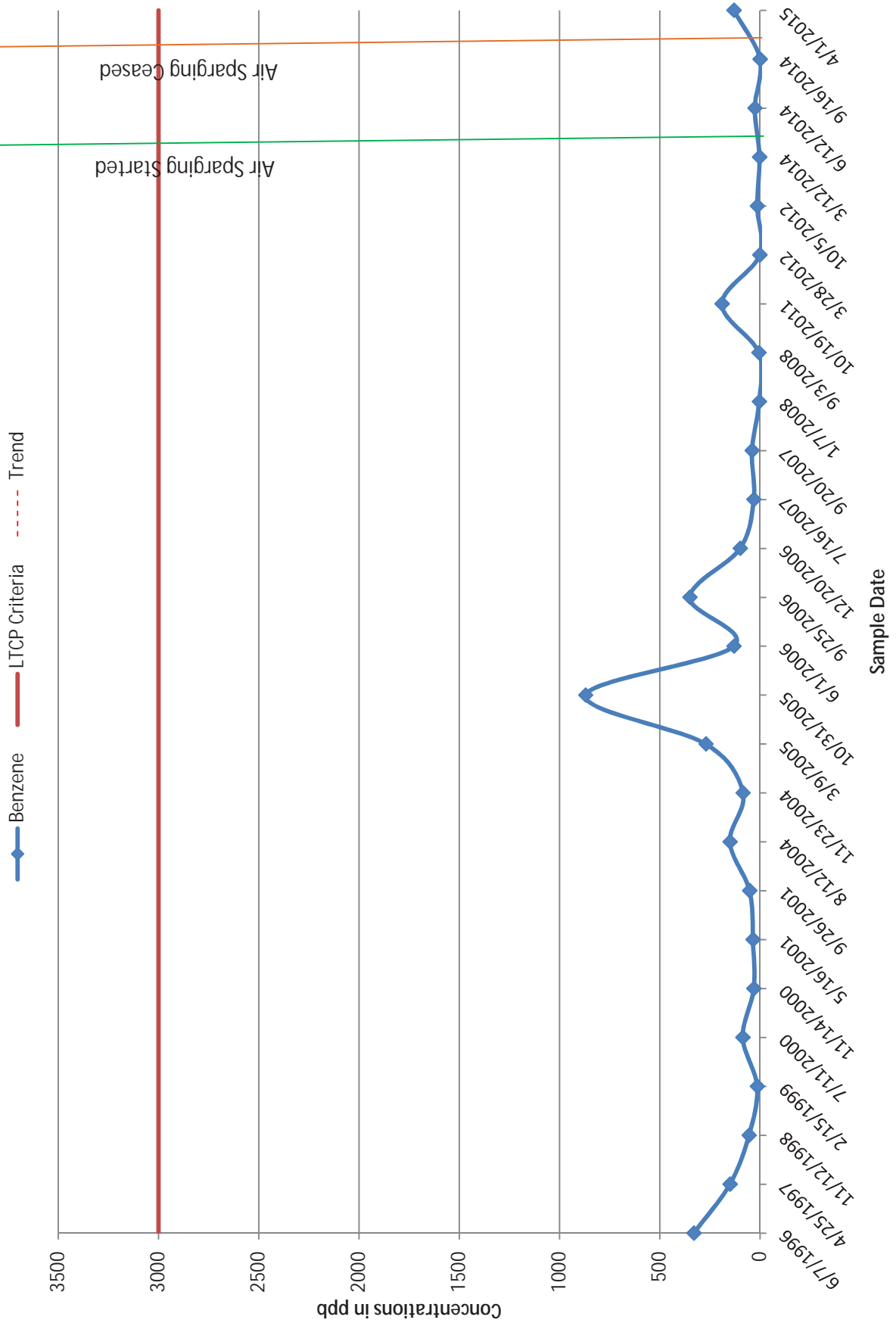


Chart 9: Historic Concentration Trend for TPH-G in B-17

The highest (initial) concentration of 49,000 ppb detected in November 1998 was removed for improved data representation.

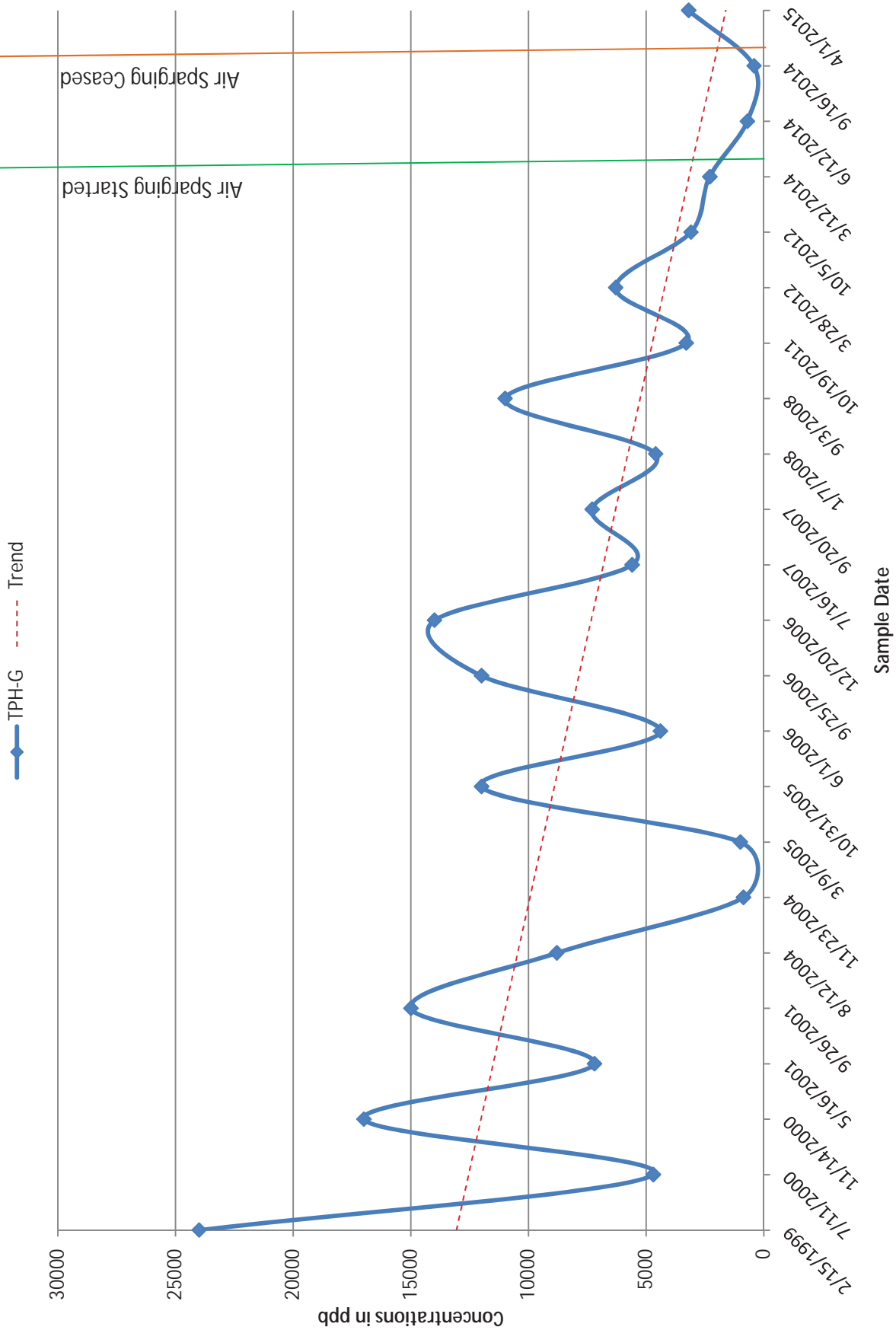


Chart 10: Historic Concentration Trend for Benzene in B-17

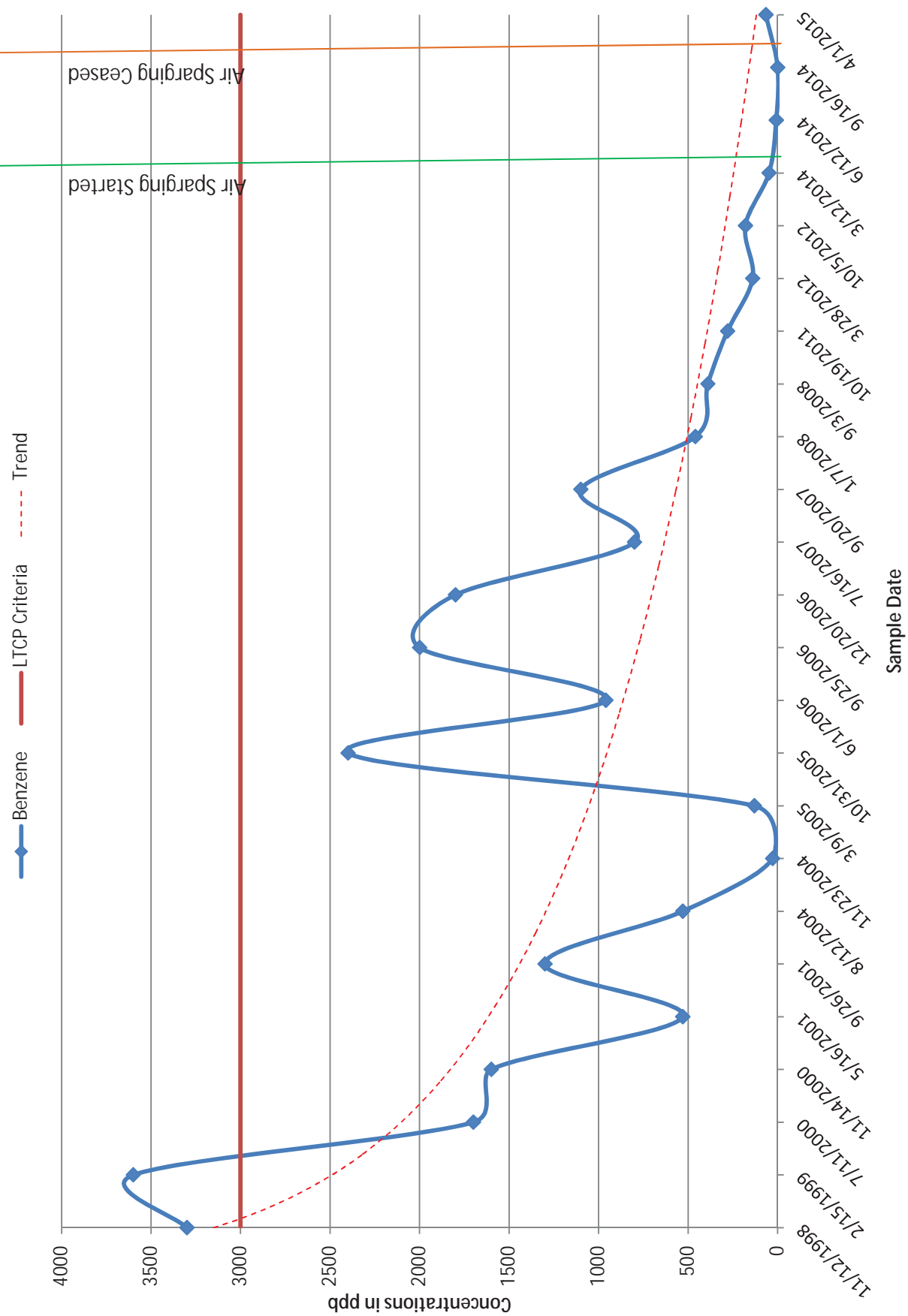


Chart 11: Historic Concentration Trend for TPH-G in B-27

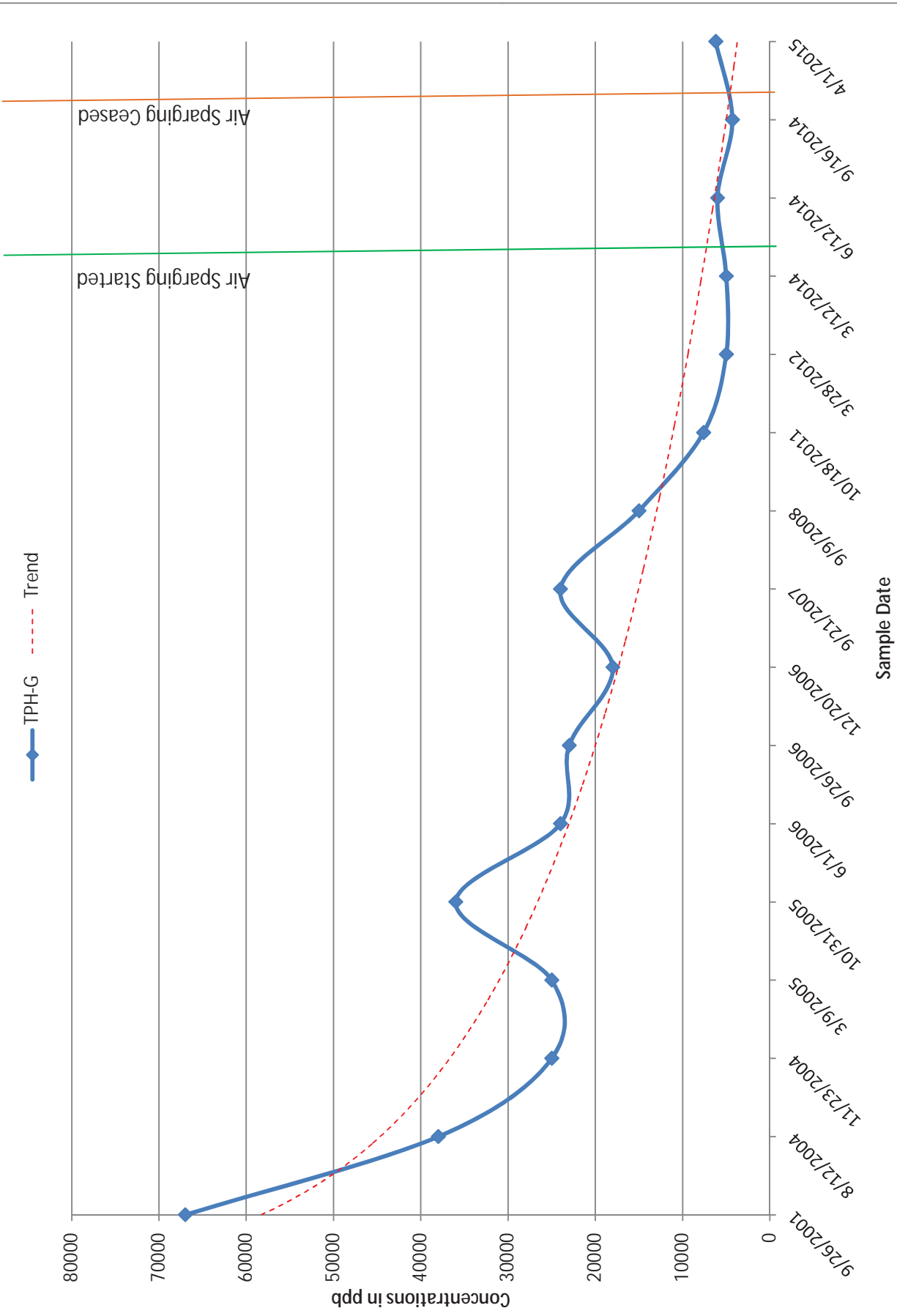
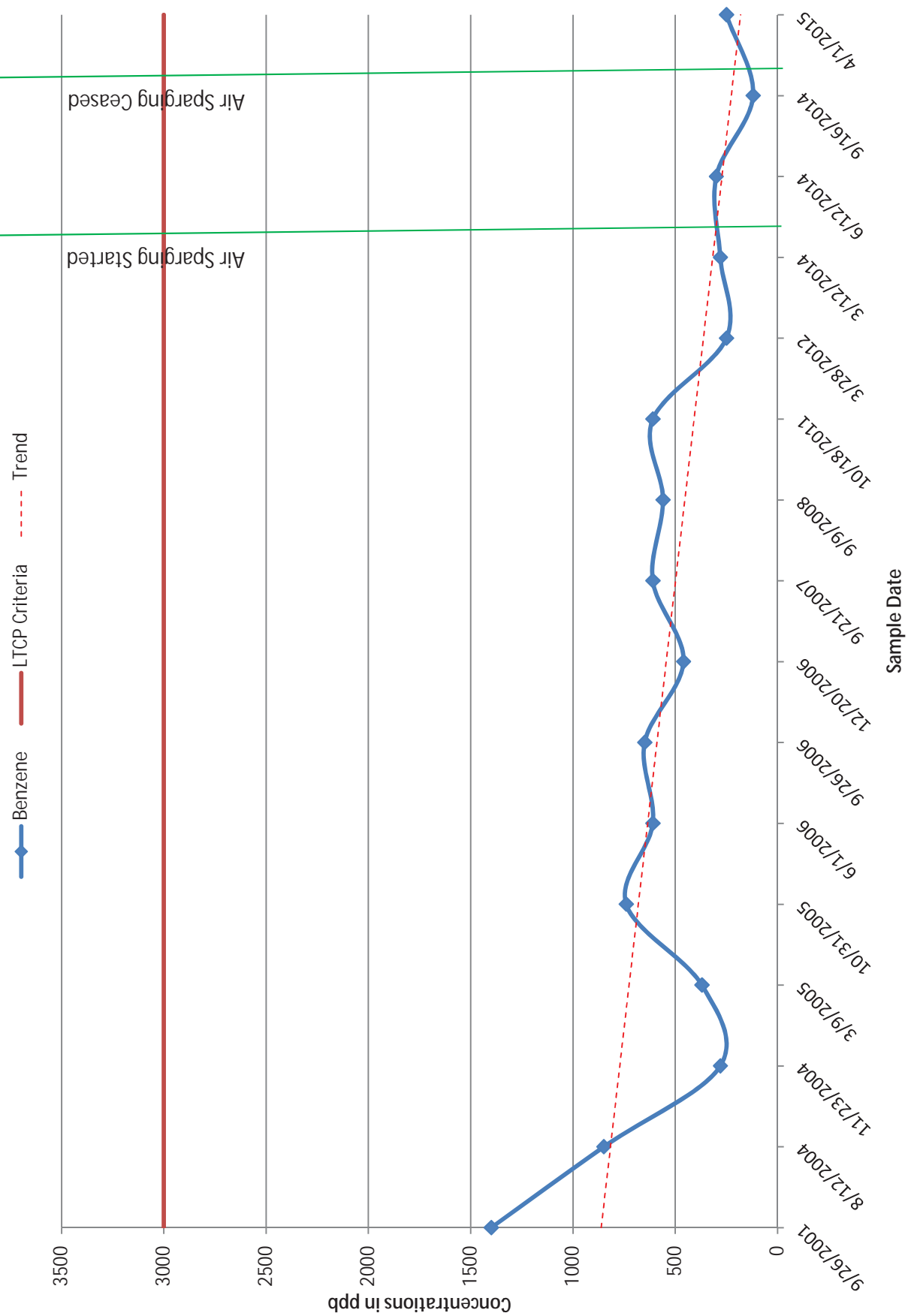


Chart 12: Historic Concentration Trend for Benzene in B-27



APPENDIX D

Boring Logs

Other Laboratory Tests	Gastech Reading (ppm)	Blows/ Foot *	Depth (feet)	Equipment: 6-5/8" Hollow Auger Logged By: E. Hilmer	Elevation: ** Start Date: 11-29-88 Finish Date: 11-29-88
			2	BROWN SILTY GRAVEL(GM) medium dense, moist to wet, (Fill)	
			4	BROWN SANDY SILT(ML) very stiff, moist, locally a clayey silt	
	40	18	6		
			8		
			10	BROWN SILTY GRAVEL(GM) medium dense, moist	
		25	12		
			14		
	300	26	16		
			18		
		18	20	LIGHT BROWN MOTTLED BLACK SILTY CLAY(CL) very stiff, wet	
			22		
			24		
	50	16	26	becoming mottled orange	
			28		
			30	Water Level 11-29-88 @ 1745 Hrs.	
	100	25	32	BROWN MOTTLED BLACK AND ORANGE SANDY CLAY/CLAYEY SAND(CL/SC) medium dense, moist & wet, very fine to fine grained sand	
			34		
	25	23	36	locally gravelly Water Level 11-29-88 @ +/- 1700 Hrs.	
			38		
			40		
	40	21	42	BROWN SAND(SW) medium dense, saturated, very fine to medium coarse grained sand	
			44		
	125	41	46	BROWN SILT & SANDY GRAVEL(GM) dense, wet	
				BOTTOM OF BORING MW-1 @ 46.5 FEET	

* Converted to equivalent standard penetration blow counts.

** Existing ground surface at time of drilling.

Herzog Associates
Geoscientists

Job No: 15176.01.00.7
Geolog: *E. Hilmer*
Lic No: 3947
Drwn: PD
Date: FEB. 1989

LOG OF BORING MW-1

HULSMAN TRANSPORTATION

Santa Rosa, California

PLATE

3

MAJOR DIVISIONS			TYPICAL NAMES		
COARSE GRAINED SOILS More than Half > #200 sieve	GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW	WELL GRADED GRAVELS, GRAVEL-SAND MIXTURES	
			GP	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES	
		GRAVELS WITH OVER 12% FINES	GM	SILTY GRAVELS, POORLY GRADED GRAVEL-SAND-SILT MIXTURES	
			GC	CLAYEY GRAVELS, POORLY GRADED GRAVEL-SAND-CLAY MIXTURES	
	SANDS MORE THAN HALF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE	CLEAN SANDS WITH LITTLE OR NO FINES	SW	WELL GRADED SANDS, GRAVELLY SANDS	
			SP	POORLY GRADED SANDS, GRAVELLY SANDS	
		SANDS WITH OVER 12% FINES	SM	SILTY SANDS, POORLY GRADED SAND-SILT MIXTURES	
			SC	CLAYEY SANDS, POORLY GRADED SAND-CLAY MIXTURES	
			FINE GRAINED SOILS More than Half < #200 sieve	ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS, OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
OL	ORGANIC CLAYS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY				
SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50	MH	INORGANIC SILTS, MICACEOUS OR DIATOMACIOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS			
	CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS			
	OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS			
HIGHLY ORGANIC SOILS			Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS	

UNIFIED SOIL CLASSIFICATION SYSTEM

		Shear Strength, psf		Confining Pressure, psf	
Consol	Consolidation	Tx	630 (2400)	Unconsolidated Undrained Triaxial	
LL	Liquid Limit (in %)	TxCU	240 (2100)	Consolidated Undrained Triaxial	
PL	Plastic Limit (in %)	DS	3740 (1200)	Consolidated Drained Direct Shear	
PI	Plasticity Index	FVS	320	Field Vane Shear	
G _s	Specific Gravity	UC	4200	Unconfined Compression	
SA	Sieve Analysis	LVS	500	Laboratory Vane Shear	
■	Undisturbed Sample	SS	Shrink Swell		
⊗	Bulk or Disturbed Sample	EXP	Expansion		
▨	Standard Penetration Test	P	Permeability		
□	Sample Attempt with No Recovery	PP	Pocket Penetrometer, tsf		

KEY TO TEST DATA

Herzog Associates
Geoscientists

Job No: 15176.01.00.7

Appr: *RAH*

Drwn: PD

Date: Dec. 1988

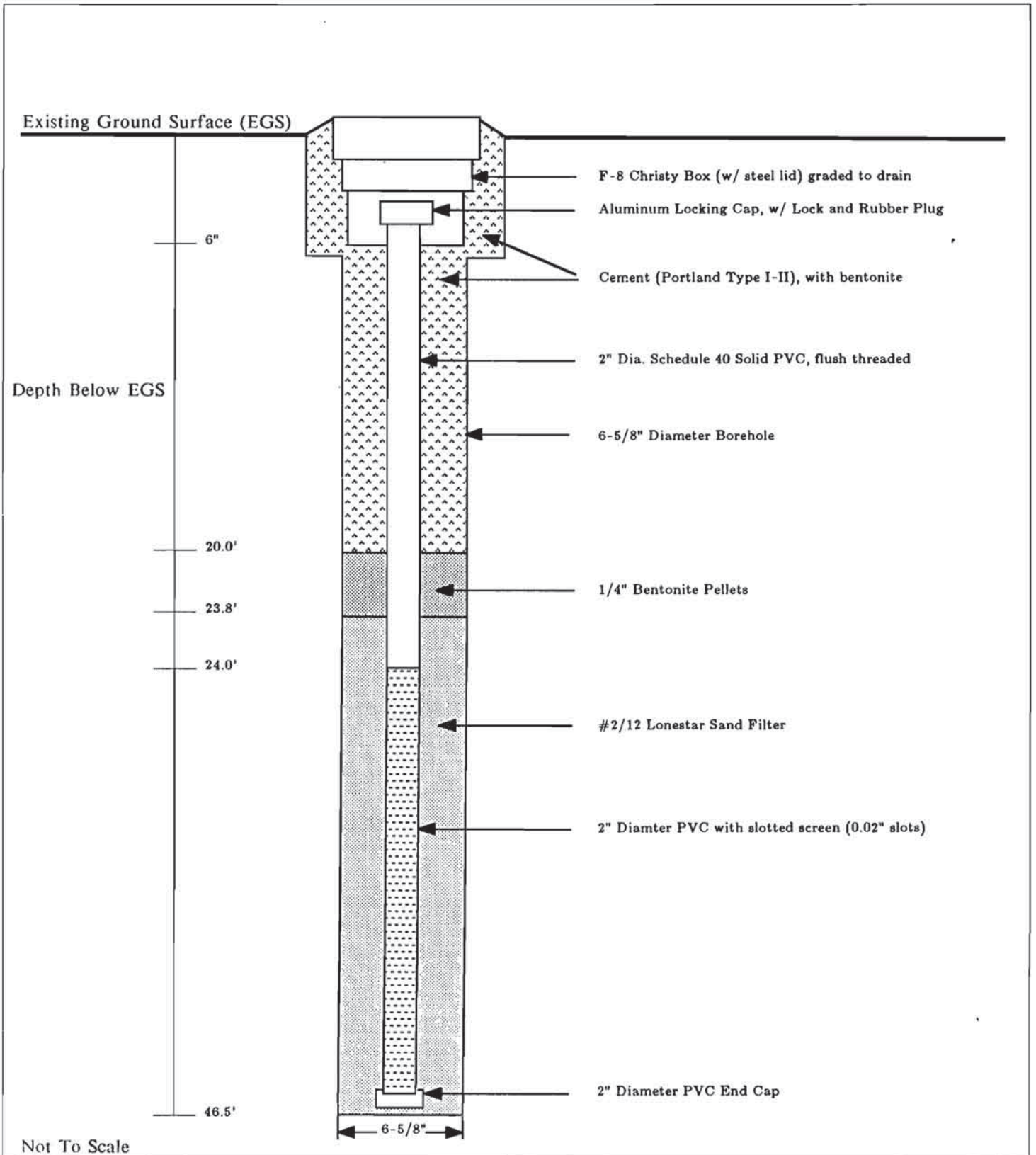
SOIL CLASSIFICATION CHART AND KEY TO TEST DATA

HULSMAN TRANSPORTATION

Santa Rosa, California

PLATE

4



Herzog Associates
Geoscientists

Job No: 15176.01.00.7

Appr: *RAH*

Drawn: PD

Date: DEC 1988

Monitoring Well MW-1 Details

HULSMAN TRANSPORTATION

Santa Rosa, California

PLATE

5

LABORATORY TESTS	FIELD TESTS	SAMPLER TYPE	SAMPLE RECOVERY %	MOISTURE CONTENT %	DRY DENSITY (PCF)	BLOWS PER FOOT	DEPTH (FT)	SYMBOL	MATERIAL DESCRIPTION	
									EXISTING GROUND SURFACE	4 / 27 / 1980 8 - INCH HOLLOW AUGER
									GREY BROWN SILTY GRAVEL (GM), compact, dry (FILL)	
									DARK BROWN SANDY AND CLAYEY SILT (ML), semcompact, moist, in part FILL	
	15	MC	70%			22	5		TAN BROWN MOTTLED GREY AND ORANGE WITH LOCAL BLACK STAINING SANDY CLAY AND CLAYEY SILT (CL/ML), stiff and very stiff, moist to very moist	
	6	MC	90%			24	10			
	5	MC	100%			13	15			
XX	7	MC	100%			27	20			
	6	MC	100%			12	25		local lenses of CLAYEY VERY FINE TO MEDIUM SAND (SC), semcompact, very moist/wet	
XX	11	MC	100%			20	30		BROWN SLIGHTLY CLAYEY SAND (SC/SW), compact, wet to saturated interlayered with BROWN SANDY GRAVEL (GW), dense, saturated	
	10	MC	80%			47	35			
							40			
							45		BOREHOLE CONTINUED	

HILMER CONSULTING
 ENVIRONMENTAL / GEOTECHNICAL
 SANTA ROSA, CALIFORNIA

JOB NO P133.1
 BY EAH
 LICENSE
 CEG# 12184

LOG OF BOREHOLE # MW-2
 HILSMAN TRUCKING
 325 YOLANDA AVENUE
 SANTA ROSA, CALIFORNIA

PLATE
3

LABORATORY TESTS	FIELD TESTS	SAMPLER TYPE	SAMPLE RECOVERY %	MOISTURE CONTENT %	DRY DENSITY (pcf)	BLOWS PER FOOT	DEPTH (FT)	SYMBOL	MATERIAL DESCRIPTION	
									EXISTING GROUND SURFACE	4 / 27 / 1980 8 - INCH HOLLOW AUGER
							45		BROWN SLIGHTLY CLAYEY SAND (SC/SW), compact, wet to saturated interlayered with BROWN SANDY GRAVEL (GW), dense, saturated	
							50		local lenses of SANDY CLAY	
							55		***: HYDROCARBON READING USING A PHOTOVAC TIP (PHOTO IONIZATION METER). READINGS TAKEN AT A DEPTH OF TWO FEET INSIDE OF THE HOLLOW AUGER USING 'HIGH' SENSITIVITY SETTING WITH A 10.6 EV BULB.	
							60			
							65			
							70			
							75			
							80			
							86			

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 ENVIRONMENTAL / GEOTECHNICAL
 SANTA ROSA, CALIFORNIA

JOB NO
 P133.1
 BY
 EAH
 LICENSE
 CEG# 12184

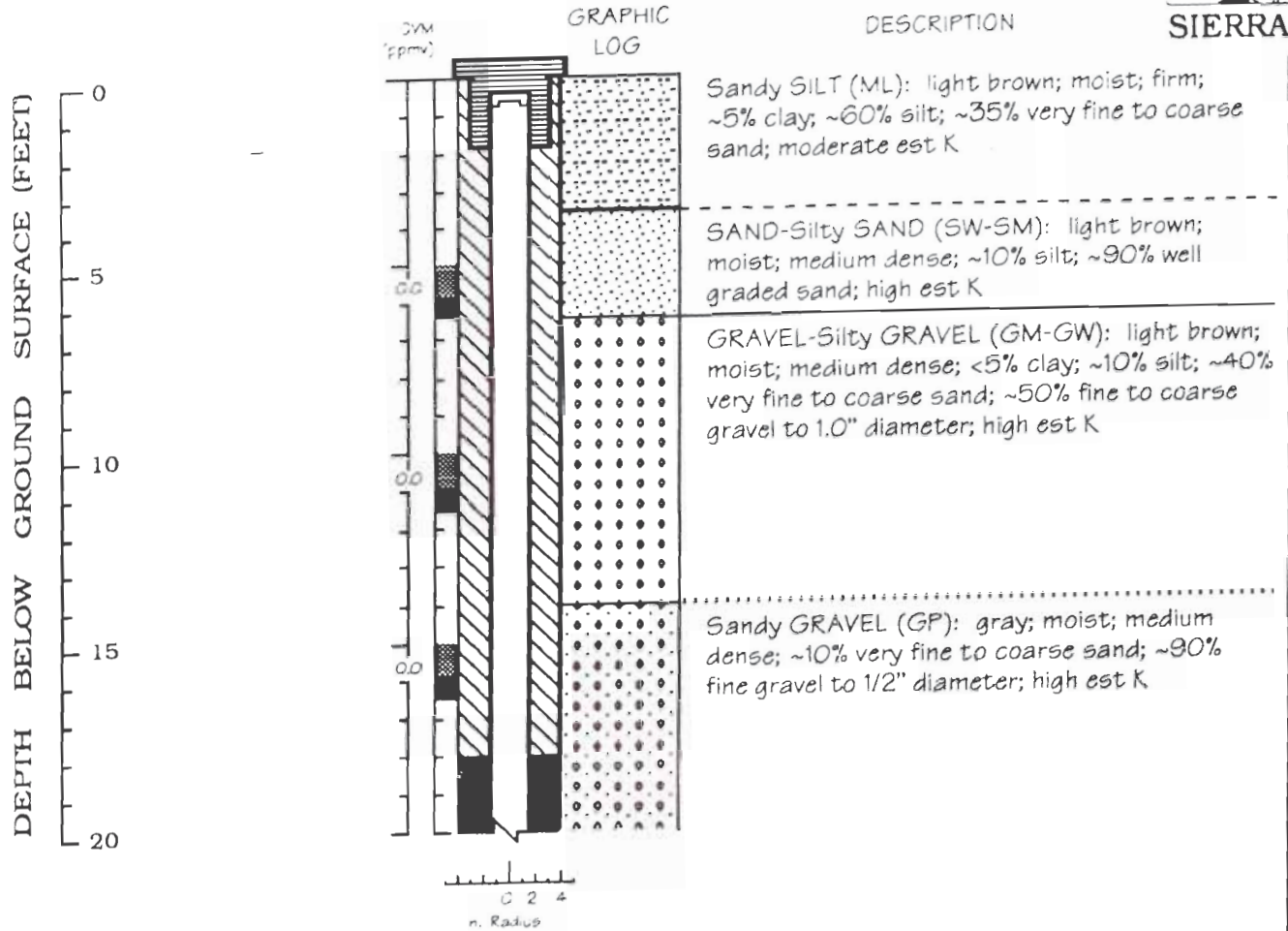
LOG OF BOREHOLE # MW - 2
 HULSMAN TRUCKING
 325 YOLANDA AVENUE
 SANTA ROSA, CALIFORNIA

PLATE
3B

WELL MW-3



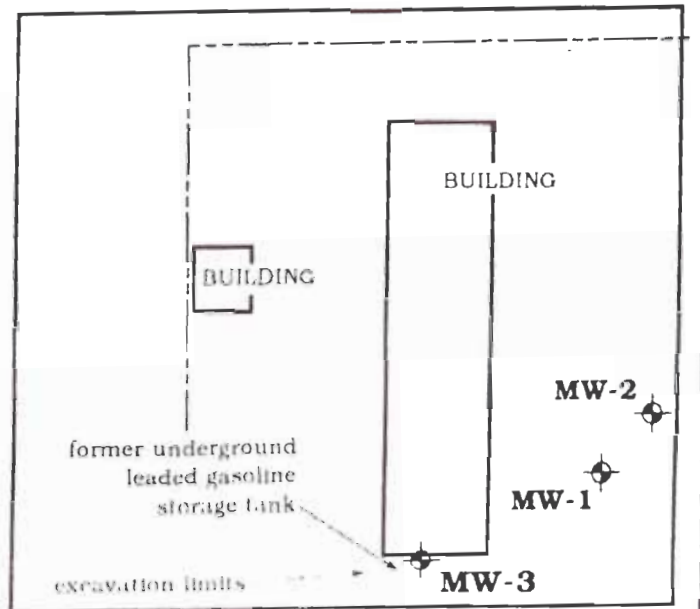
SIERRA



Well Construction and Boring Log - Well MW-3

Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

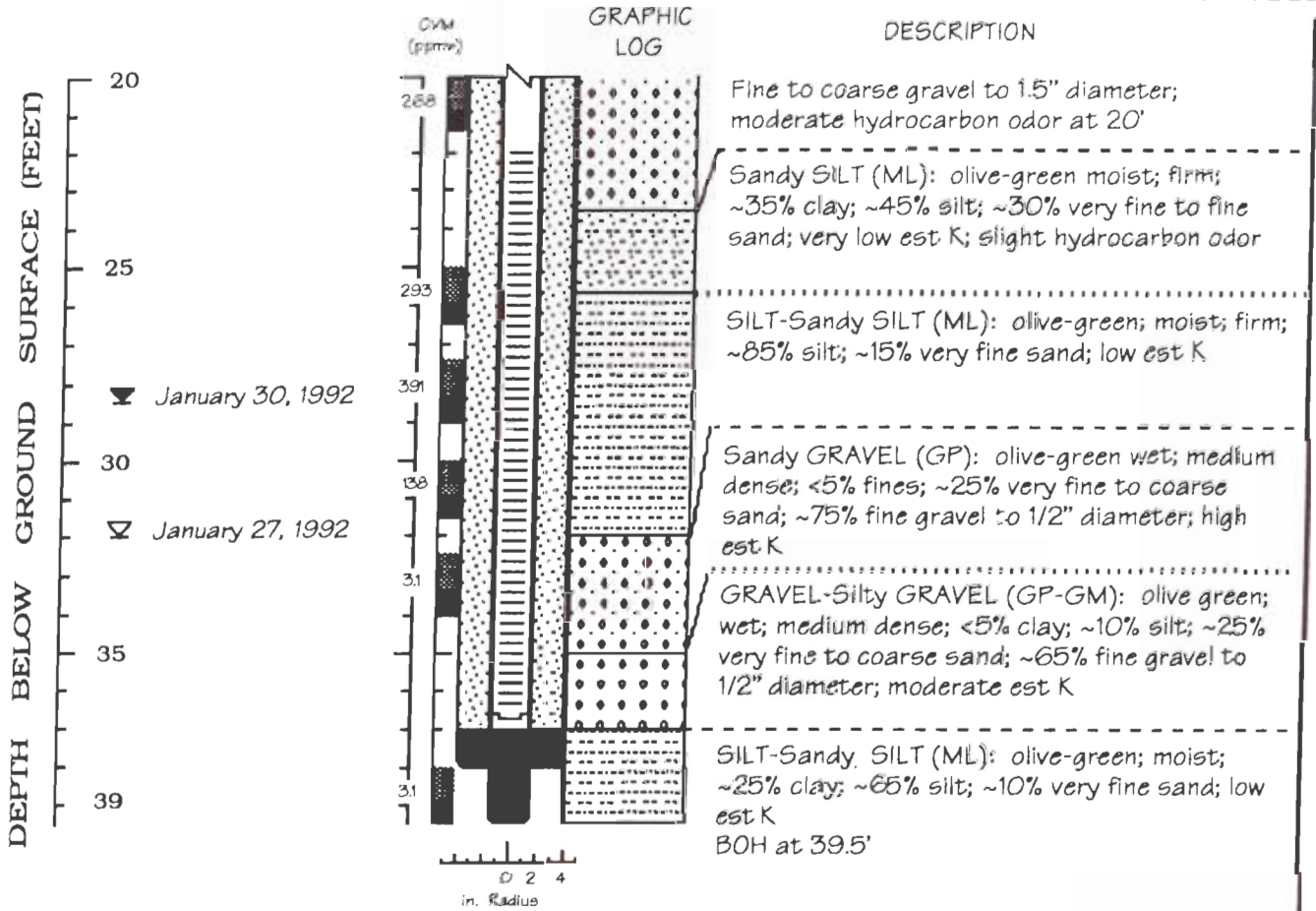
Logged by: Eric Gross
Supervisor: R. Greenfelder RG#003011
Drilling Company: Clear Heart Drilling
C-57#: 467904
Driller: Tim Teller
Drilling Method: Hollow stem auger
Date Drilled: January 27, 1992
Well Head Completion: Locking cap & ballformed vault
Type of sampler: Split spoon (2" ID)



WELL MW-3 (continued)



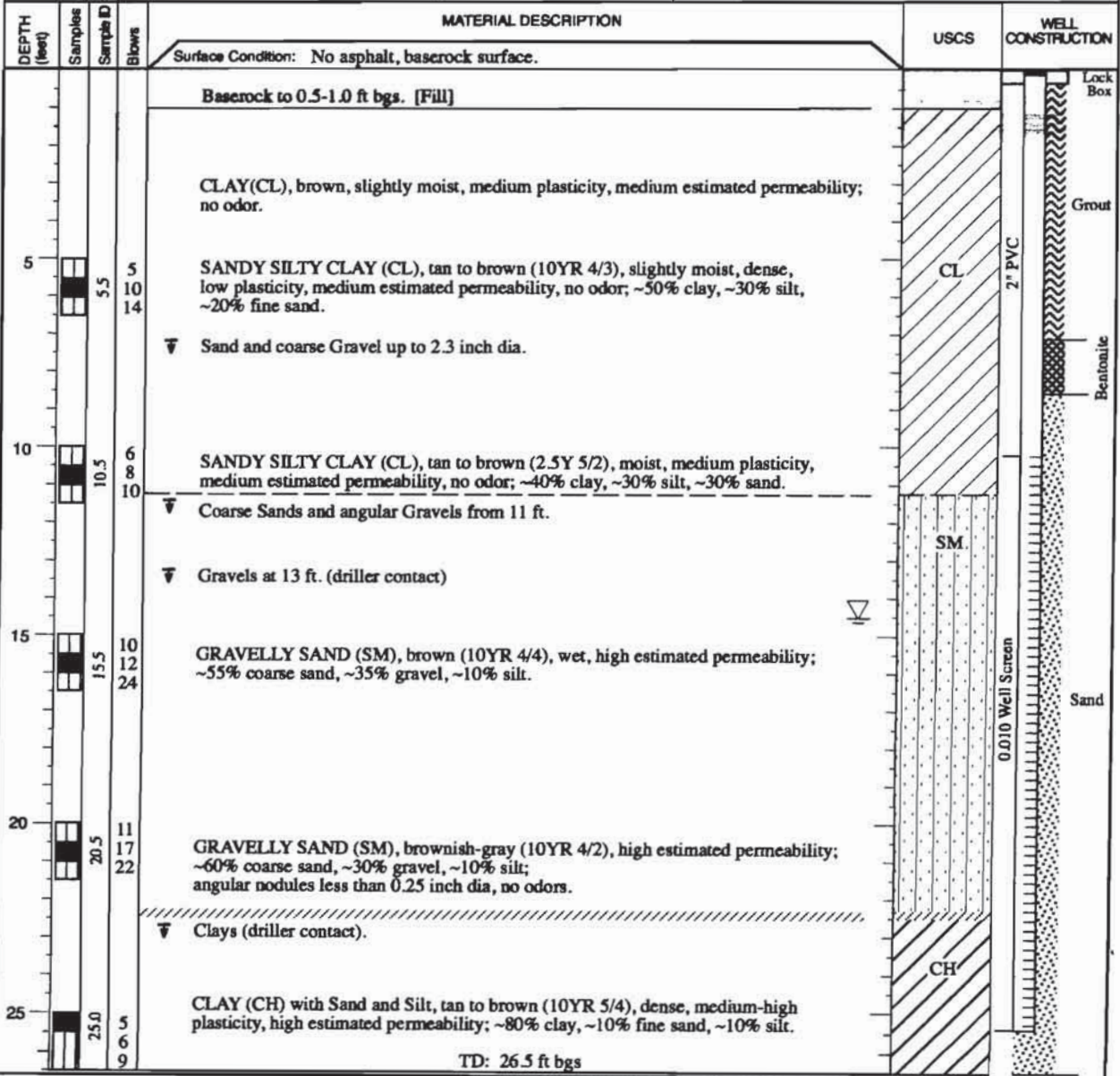
SIERRA



Well Construction and Boring Log -
Well MW-3

Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

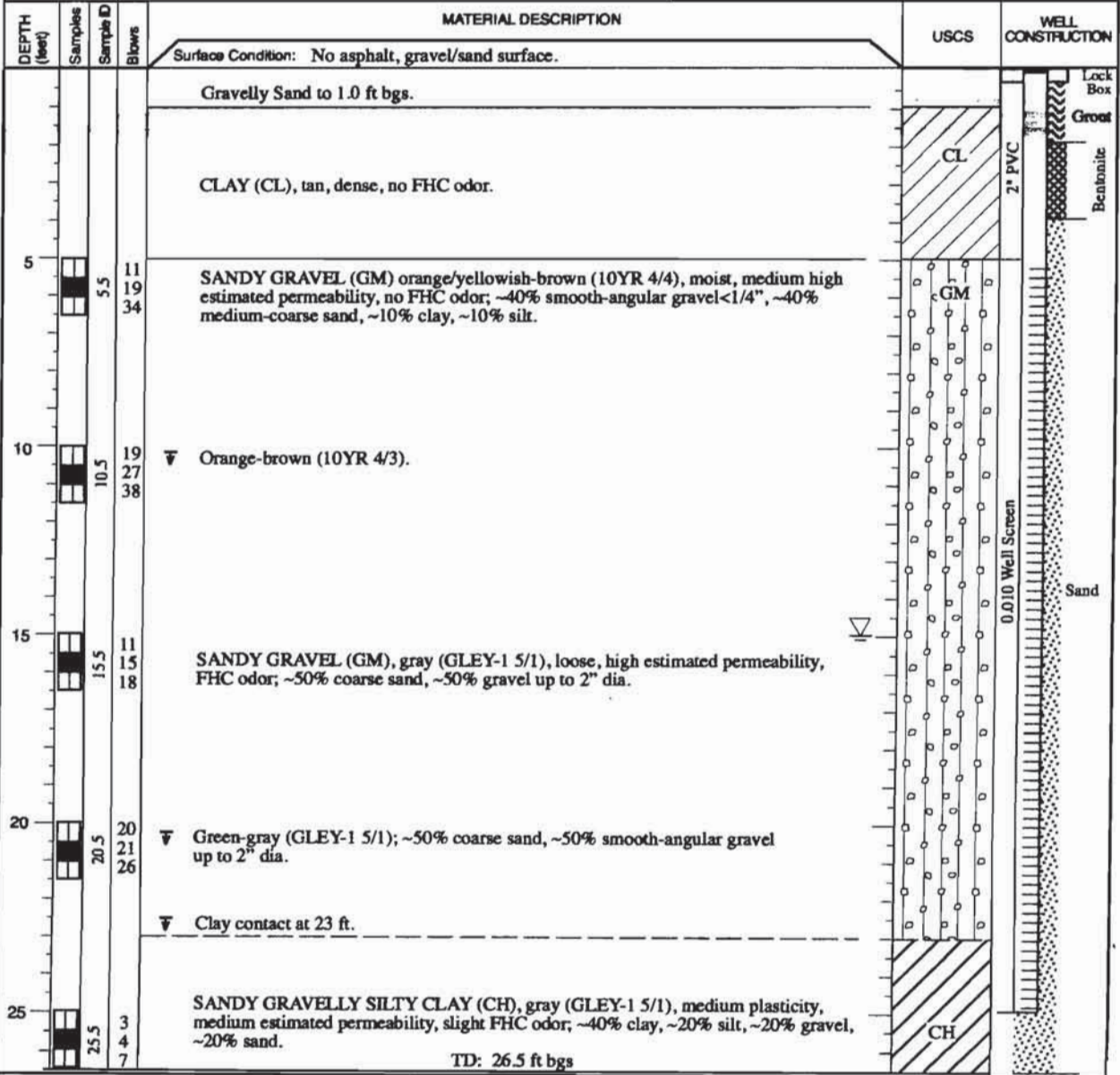
BORING LOCATION		325 Yolanda Ave. (East of Dock at 1st Bay)		ELEVATION AND DATUM		TOC 142.34 ft		BORING NO.		MW-1S	
DRILLING AGENCY		Clear Heart Drilling, Inc		DRILLER		Rick		DATE/TIME STARTED		15 Nov 04	
DRILLING EQUIPMENT		DR 10K Truck-mounted Drill Rig		DATE/TIME FINISHED		15 Nov 04		COMPLETION DEPTH		26.5 ft	
DRILLING METHOD		Hollow Stem Auger		BORING DIA.		8 inches		CORE BARREL		2.5 inch ϕ	
SIZE AND TYPE OF CASING		2-inch PVC		FROM		0.0' TO 25.0'		TYPE AND NO. OF SAMPLES		5 Discrete Soil	
TYPE OF PERFORATION		0.010 Slotted		FROM		10.0' TO 25.0'		WATER LEVEL		FIRST ~14.5 ft bgs	
SIZE AND TYPE OF PACK		#2/12 Sand		FROM		8.5' TO 26.5'		COMMENTS		140 lb hammer dropped 40 inches.	
TYPE OF SEAL		NO. 1 Bentonite		FROM		7.0' TO 8.5'					
		NO. 2 Cement Grout		FROM		0.0' TO 7.0'					



TRACE #425R0151M005

ECON Environment, Community & Opportunity Network		MONITORING WELL LOG MW-1S Hulsman Transportation 325 Yolanda Avenue Santa Rosa, California				FIGURE 5			
REFERENCE	Hulsman Transportation Santa Rosa	REVIEWER	Andy Rodgers	DATE	December 2004	REVISED	March 2005	SHEET NO.	1 of 1

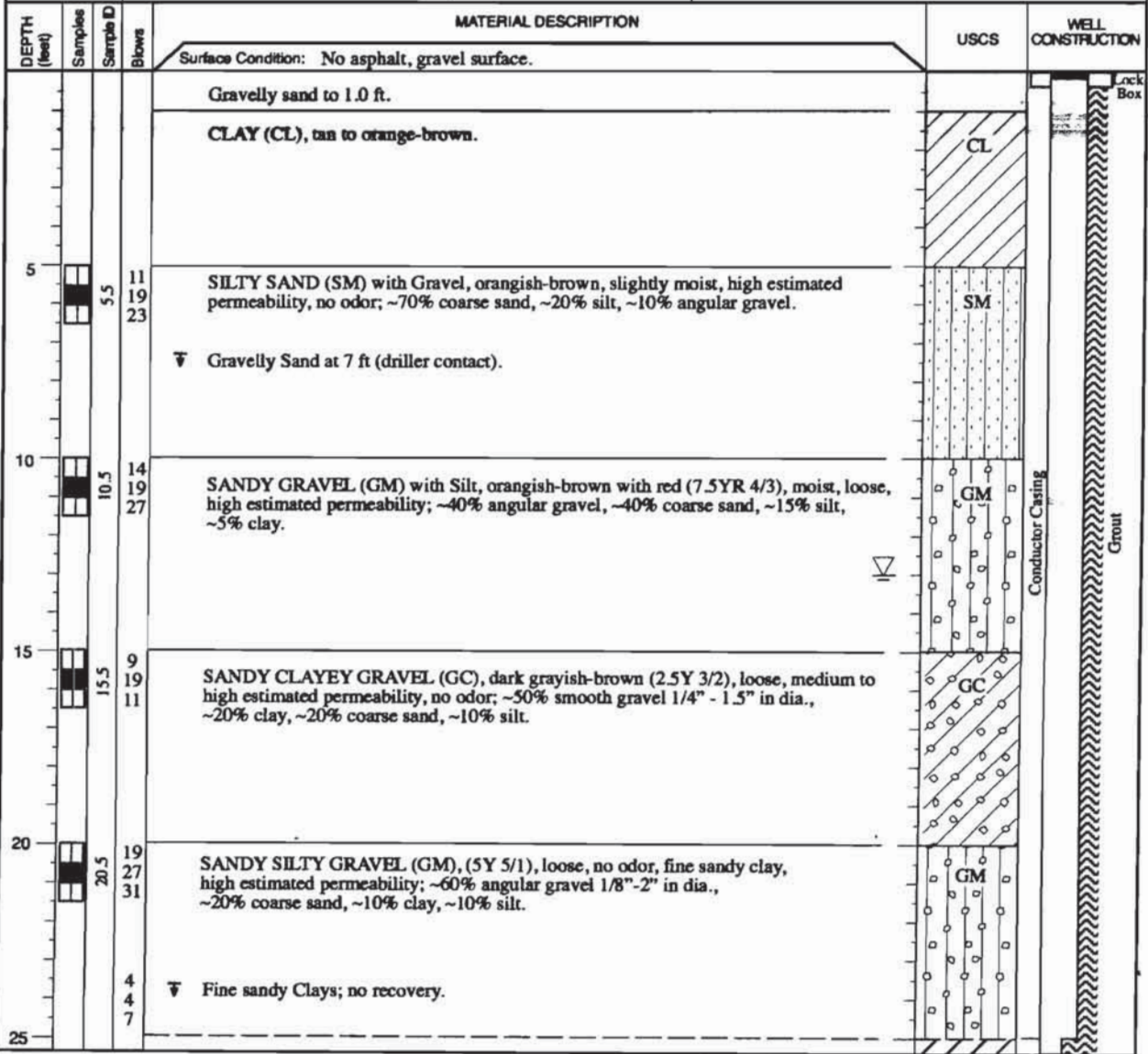
BORING LOCATION		325 Yolanda Ave. (Shallow Wall, east of former excavation)		ELEVATION AND DATUM		TOC 141.82 ft		BORING NO.		MW-3S	
DRILLING AGENCY		Clear Heart Drilling, Inc.		DRILLER		Rick		DATE/TIME STARTED		17 Nov 04	
DRILLING EQUIPMENT		DR 10K Truck-mounted Drill Rig		DATE/TIME FINISHED		17 Nov 04		COMPLETION DEPTH		26.5 ft	
DRILLING METHOD		Hollow Stem Auger		BORING DIA.		8 inches		CORE BARREL		2.5 inch ϕ	
SIZE AND TYPE OF CASING		2-inch PVC		COMPLETION DEPTH		26.5 ft		SAMPLING DEVICE		Split Spoon	
TYPE OF PERFORATION		0.010 Slotted		TYPE AND NO. OF SAMPLES		5 Discrete Soil		LOGGED BY:		JWS	
SIZE AND TYPE OF PACK		#2/12 Sand		FROM		4.0' TO 26.5'		WATER LEVEL		FIRST ~15.0 ft bgs	
TYPE OF SEAL		NO. 1 Bentonite		FROM		2.0' TO 4.0'		SAMPLING / MEASURED		—	
		NO. 2 Cement Grout		FROM		0.0' TO 2.0'		COMMENTS		140 lb hammer dropped 40 inches.	




TRACE #425/R/G/15/0405

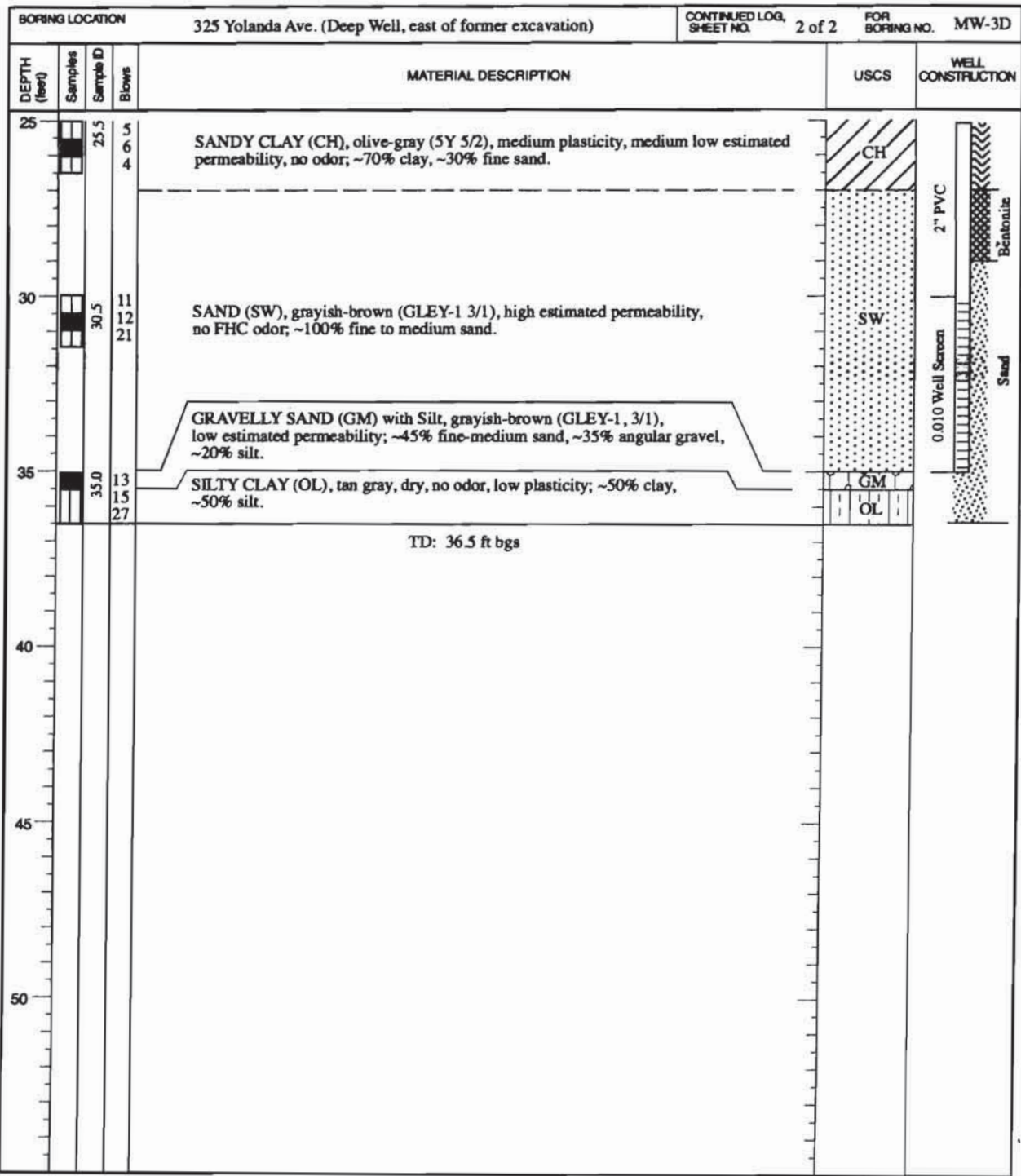
ECON <i>Environment, Community & Opportunity Network</i>		MONITORING WELL LOG MW-3S Hulsman Transportation 325 Yolanda Avenue Santa Rosa, California				FIGURE 7	
REFERENCE	Hulsman Transportation Santa Rosa	REVIEWER	Andy Rodgers	DATE	December 2004	REVISED	March 2005
						SHEET NO. 1 of 1	

BORING LOCATION		325 Yolanda Ave. (Deep Well, east of former excavation)		ELEVATION AND DATUM		TOC 141.54 ft		BORING NO.		MW-3D	
DRILLING AGENCY		Clear Heart Drilling, Inc.		DRILLER		Rick		DATE/TIME STARTED		16 Nov 04	
DRILLING EQUIPMENT		DR 10K Truck-mounted Drill Rig		DATE/TIME FINISHED		17 Nov 04		COMPLETION DEPTH		36.5 ft	
DRILLING METHOD		Hollow Stem Auger		BORING DIA.		14" (to 25 ft) 8" (25-35 ft)		CORE BARREL		2.5 inch ϕ	
SIZE AND TYPE OF CASING		Conductor Casing 2-inch PVC		FROM		0.0' TO 25.0' 0.0' TO 35.0'		TYPE AND NO. OF SAMPLES		7 Discrete Soil	
TYPE OF PERFORATION		0.010 Slotted		FROM		30.0' TO 35.0'		WATER FIRST LEVEL		~13.0 ft bgs	
SIZE AND TYPE OF PACK		#2/12 Sand		FROM		29.0' TO 36.5'		COMMENTS		140 lb hammer dropped 40 inches.	
TYPE OF SEAL		NO. 1 Bentonite		FROM		27.0' TO 29.0'					
		NO. 2 Cement Grout		FROM		0.0' TO 27.0'					



TRACE #425R/G/15MINDS

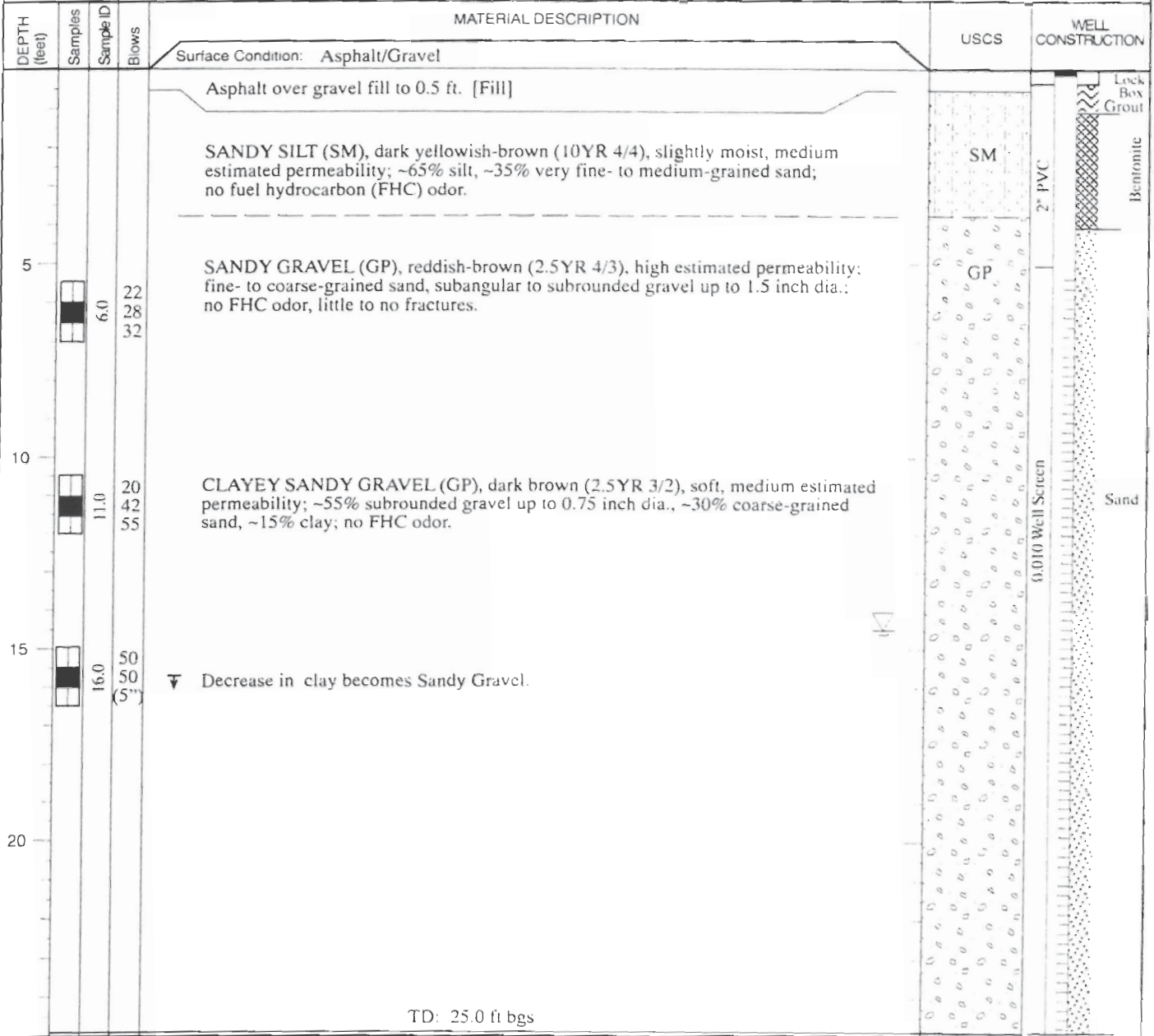
 Environment, Community & Opportunity Network		MONITORING WELL LOG MW-3D Hulsman Transportation 325 Yolanda Avenue Santa Rosa, California				FIGURE 8			
REFERENCE	Hulsman Transportation Santa Rosa	REVIEWER	Andy Rodgers	DATE	December 2004	REVISED	March 2005	SHEET NO.	1 of 2



TRACE #425/RG/15MAR05

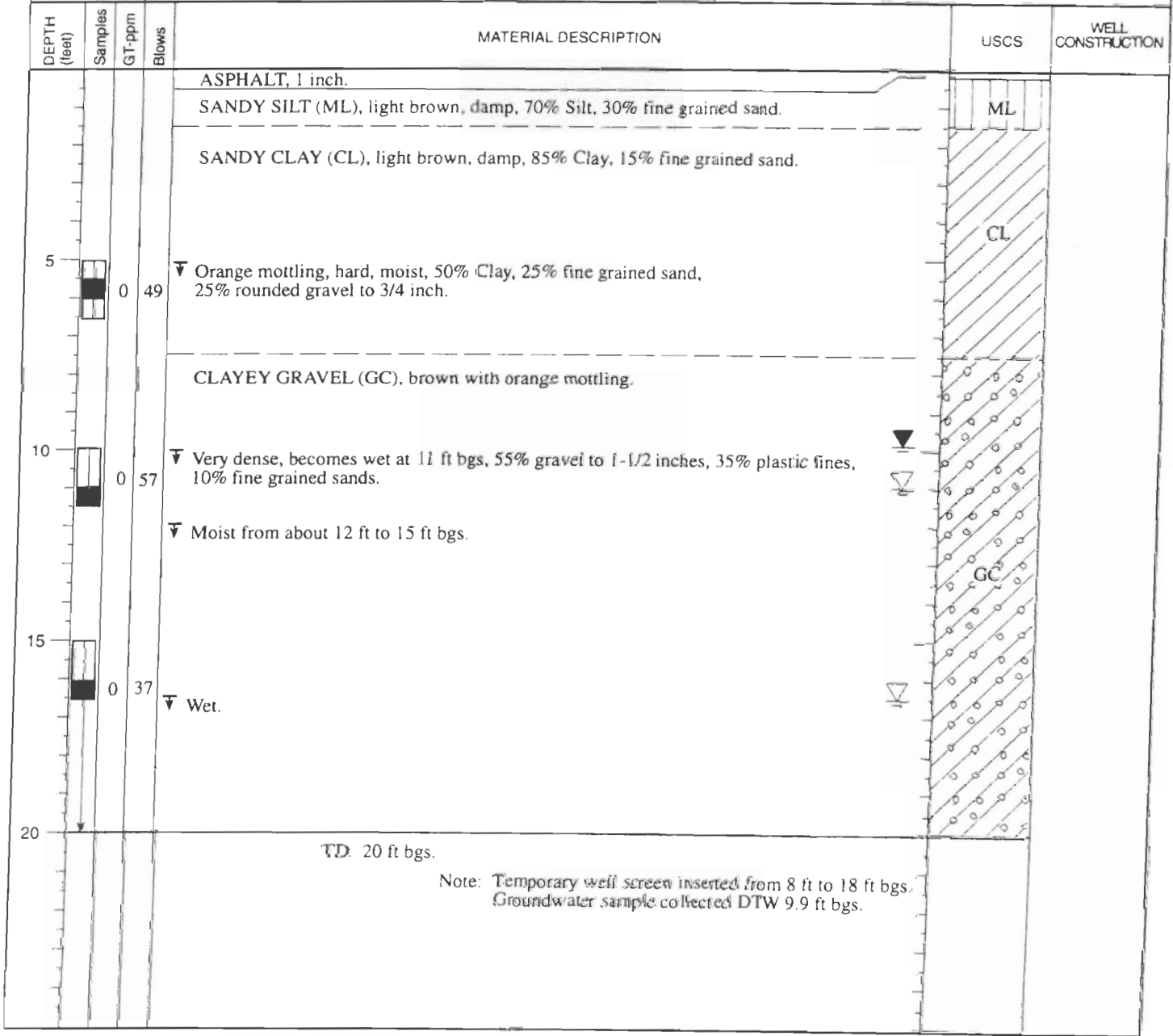
		MONITORING WELL LOG MW-3D (Cont'd) Hulsman Transportation 325 Yolanda Avenue Santa Rosa, California			FIGURE 8				
REFERENCE	Hulsman Transportation Santa Rosa	REVIEWER	Andy Rodgers	DATE	December 2004	REVISED	March 2005	SHEET NO.	2 of 2

BORING LOCATION		325 Yolanda Ave. (Centered in asphalt west of of dock)		ELEVATION AND DATUM		TOC 143.60 ft		BORING NO		MW-4	
DRILLING AGENCY		Clear Heart, LLC		DRILLER		—		DATE/TIME STARTED		12 Apr 01	
DRILLING EQUIPMENT		DR 10K Truck-mounted Drill Rig		COMPLETION DEPTH		25.0 ft		DATE/TIME FINISHED		12 Apr 01	
DRILLING METHOD		Hollow Stem Auger		BORING DIA.		8 inches		SAMPLING DEPTH		25.0 ft	
SIZE AND TYPE OF CASING		2-inch PVC		FROM		0.0' TO 25.0'		CORE BARREL		2.5 inch ϕ	
TYPE OF PERFORATION		0.01 Slotted		FROM		5.0' TO 25.0'		TYPE AND NO OF SAMPLES		3 Composite Soil 1 Groundwater	
SIZE AND TYPE OF PACK		#2/12 Sand		FROM		4.0' TO 25.0'		LOGGED BY		ASR	
TYPE OF SEAL		NO. 1		Bentonite		FROM 1.0' TO 4.0'		WATER FIRST LEVEL		14.5 ft bgs	
		NO. 2		Cement Grout		FROM 0.0' TO 1.0'		SAMPLED / MEASURED		—	
								COMMENTS		—	



TRACE #318/RG/008/mw01	ECON Environment, Community & Opportunity Network		MONITORING WELL LOG MW-4 Hulsman Transportation 325 Yolanda Avenue Santa Rosa, California				FIGURE 4
	REFERENCE	Hulsman Transport Santa Rosa	REVIEWER	Andy Rodgers	DATE	November 2001	REVISID

BORING LOCATION		325 Yolanda Ave (West of former UST)		ELEVATION AND DATUM		BORING NO. HB-1	
DRILLING AGENCY		Clear Heart, LLC		DRILLER		I. G.	
DRILLING EQUIPMENT		Truck Mounted Drill Rig / 140 lb hammer		DATE STARTED		20 May 98	
DRILLING METHOD		Solid Flight Auger		DATE FINISHED		20 May 98	
SIZE AND TYPE OF CASING		— NA		COMPLETION DEPTH		20 feet	
TYPE OF PERFORATION		— NA		SAMPLER		Split Spoon	
SIZE AND TYPE OF PACK		— NA		NO. OF SAMPLES		3 Soil & 1 Groundwater	
TYPE OF SEAL		NO. 1 — NA		BORING DIA.		4 inches	
		NO. 2 — NA		WATER LEVEL		FIRST 11' bgs	
				BEFORE SAMPLE		9.9' bgs	
				CORE BARREL		2.5 inch φ	
				LENGTH		18 inches	
				LOGGED BY:		EC&A, JC	
				CHECKED BY:		CYP	
				COMMENTS			
				Soil samples field-screened with Gastehtor Combustion Meter (GT). Results reported in parts per million (ppm).			



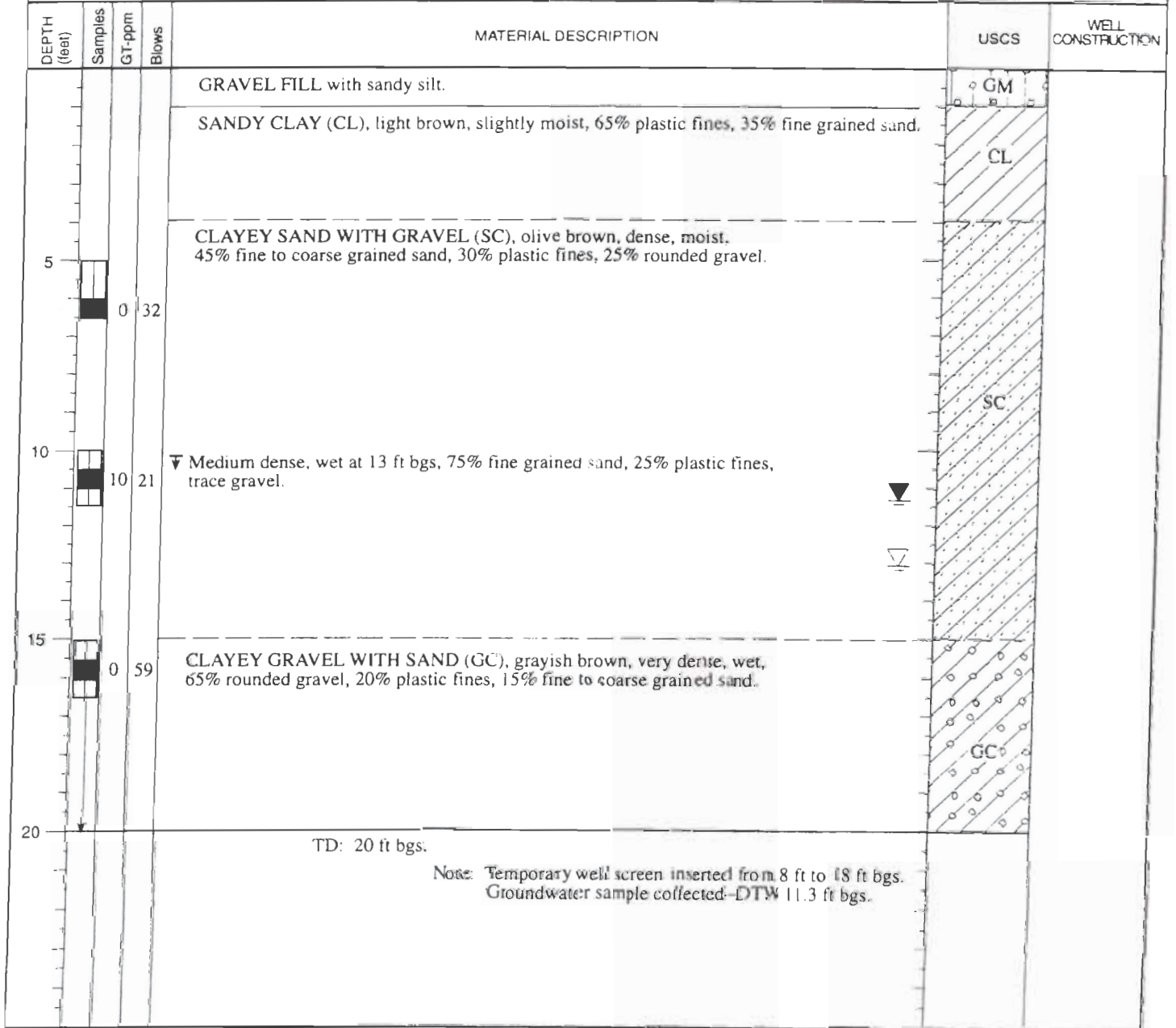
EDD CLARK & ASSOCIATES, INC.
 ENVIRONMENTAL CONSULTANTS

LOG OF BORING HB-1
 Hulsman Transportation Company
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
 3

JOB NUMBER	0298.001.97	REVIEWED BY	CYP	DATE	October 98	REVISED		SHEET NO.	1 of 1
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BORING LOCATION 325 Yolanda Avenue		ELEVATION AND DATUM		BORING NO. HB-3	
DRILLING AGENCY Clear Heart, LLC		DRILLER I. G.		DATE STARTED DATE FINISHED 20 May 98 → 20 May 98	
DRILLING EQUIPMENT Truck Mounted Drill Rig / 140 lb hammer		COMPLETION DEPTH 20 feet		SAMPLER Split Spoon	
DRILLING METHOD Solid Flight Auger		BORING DIA. 4 inches		NO. OF SAMPLES 3 Soil & 1 Groundwater	
SIZE AND TYPE OF CASING — NA		FROM — NA TO — NA		WATER LEVEL FIRST 13' bgs BEFORE SAMPLE 11.3' bgs	
TYPE OF PERFORATION — NA		FROM — NA TO — NA		CORE BARREL 2.5 inch φ LENGTH 18 inches	
SIZE AND TYPE OF PACK — NA		FROM — NA TO — NA		LOGGED BY: EC&A, JC CHECKED BY: CYP	
TYPE OF SEAL	NO. 1	— NA	FROM — NA TO — NA	COMMENTS Soil samples field-screened with Gastechor Combustion Meter (GT). Results reported in parts per million (ppm).	
	NO. 2	— NA	FROM — NA TO — NA		



EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

LOG OF BORING HB-3
Hulsman Transportation Company
325 Yolanda Avenue
Santa Rosa, California


PLATE
5

JOB NUMBER 0298,001.97	REVIEWED BY CYP	DATE October 98	REVISED	SHEET NO. 1 of 1
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BORING LOCATION		325 Yolanda Ave. (asphalt west of of dock, 63x82 ft off bldg)		ELEVATION AND DATUM		Ground Level		BORING NO		EB-2	
DRILLING AGENCY		Clear Heart, LLC		DRILLER		—		DATE/TIME STARTED		10 Apr 01	
DRILLING EQUIPMENT		DR 10K Truck-mounted Drill Rig		COMPLETION DEPTH		19.0 ft		DATE/TIME FINISHED		10 Apr 01	
DRILLING METHOD		Solid Flight Auger		BORING DIA.		4 inches		SAMPLING DEVICE		Split Spoon	
SIZE AND TYPE OF CASING		FROM — TO —		CORE BARREL		2.5 inch ϕ		LENGTH		18 inches	
TYPE OF PERFORATION		FROM — TO —		TYPE AND NO OF SAMPLES		1 Composite Soil 1 Groundwater		LOGGED BY		ASR	
SIZE AND TYPE OF PACK		FROM — TO —		WATER FIRST LEVEL		17.0 ft bgs		SAMPLED / MEASURED		—	
TYPE OF SEAL		NO 1		FROM — TO —		COMMENTS		—		—	
		NO 2		FROM — TO —							

DEPTH (feet)	Samples	Sample ID	Blows	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
				Surface Condition: Asphalt/Gravel flat.		
				Asphalt over baserock/gravel fill to 0.5 ft. [Fill]		
5				SILTY SAND (SM), brown (10YR 4/2) slightly moist, medium estimated permeability; ~70% poorly-graded fine- to medium-grained sand, ~30% silt; no fuel hydrocarbon odor.	SM	
				I Presence of gravel (driller contact).		
10						
				SILTY SANDY GRAVEL (GM), dark grayish-brown (10YR 4/2), medium to high estimated permeability; ~60% subrounded gravel up to 1.0 inch dia., ~25% fine- to medium-grained sand, ~15% silt; no FHC odor.	GM	
15						
			16.0 16 28	Water Sample Collected (6 VOA's). TD: 19.0 ft bgs		
20						

TRACE #3181810000001

 Environment, Community & Opportunity Network		SOIL BORING LOG EB-2 Holsman Transportation 325 Yolanda Avenue Santa Rosa, California			FIGURE 5
REFERENCE:	Holsman Transport Santa Rosa	REVIEWER:	Andy Rodgers	DATE:	November 2001
				REVISED:	
					SHEET NO. 1 of 1

DRAFT

DEPTH IN FEET	SAMPLE				DESCRIPTION	WELL CONSTRUCTION
	NUMBER	TYPE	LOCATION	USCS		
					2.0 inches: Asphalt	
2			CL		2.0 inches to 2.5 feet: Brown <u>silty sand</u> , moderate <u>clay</u> , damp.	
4			SM		2.5 to 5.5 feet: Tan, <u>silty sand</u> , moist, 10% clay, crumbly to slightly plastic.	
6			CL		5.5 to 10.5 feet: Brown, <u>silty clay</u> , moist.	
8						
10			SP		10.5 to 18.0 feet: Gray-brown, <u>sand and gravel</u> , moist, slightly clayey.	
12						
14						
16						
18			SP		18.0 to 25.0 feet: Brown-gray, fine-grained, <u>sandy gravel</u> , slight clay, moist.	
20						
22						
24					Gasoline odor at 23.0 feet.	
26					End of boring at 25.0 feet.	
28						

CONCRETE
 2" Ø PVC PIPE
 BENTONITE
 #3 SAND
 2" PVC W/0.020" SLOTTED SCREEN

IT Enviroscience 1815 Arnold Drive • Martinez, CA 94553 Telephone (415) 228-8400	MALM METAL PRODUCTS 2640 SANTA ROSA AVENUE SANTA ROSA, CALIFORNIA	PLATE 3
PREPARED BY : MMH	LOG OF BORING NO. 15	
CHECKED BY :	PROJECT NO. : 3019	

DRAFT

WELL CONSTRUCTION

DEPTH IN FEET	SAMPLE				DESCRIPTION	WELL CONSTRUCTION
	NUMBER	TYPE	LOCATION	USCS		
					6.0 inches: Asphalt	
2				Fill	6.0 inches to 2.0 feet: Fill	
4				SM	2.0 to 7.5 feet: Medium brown, silty, gravelly sand, damp, slightly plastic clay fracture.	
6						
8				CL	7.5 to 9.5 feet: Dark brown, stiff clay, dry to damp.	
10				SP	9.5 to 25.0 feet: Brown, gravel and sand with some clay, dense, dry to damp. Slight gasoline odor.	
12						
14						
16					16.5 to 18.0 feet: Clay lense.	
18						
20						
22						
24						
26					End of boring at 25.0 feet.	
28						

CONCRETE
 BENTONITE
 2" Ø PVC PIPE
 #3 SAND
 2" PVC W/0.020" SLOTTED SCREEN

IT Enviroscience
 1815 Arnold Drive • Martinez, CA 94553
 Telephone (415) 228-8400

MALM METAL PRODUCTS
 2640 SANTA ROSA AVENUE
 SANTA ROSA, CALIFORNIA

PLATE

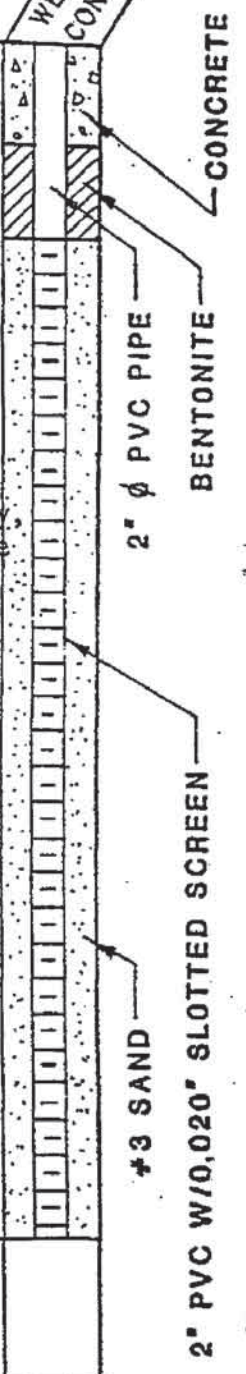
4

PREPARED BY : MMH
 CHECKED BY :

LOG OF BORING NO. 16
 PROJECT NO. : 3019

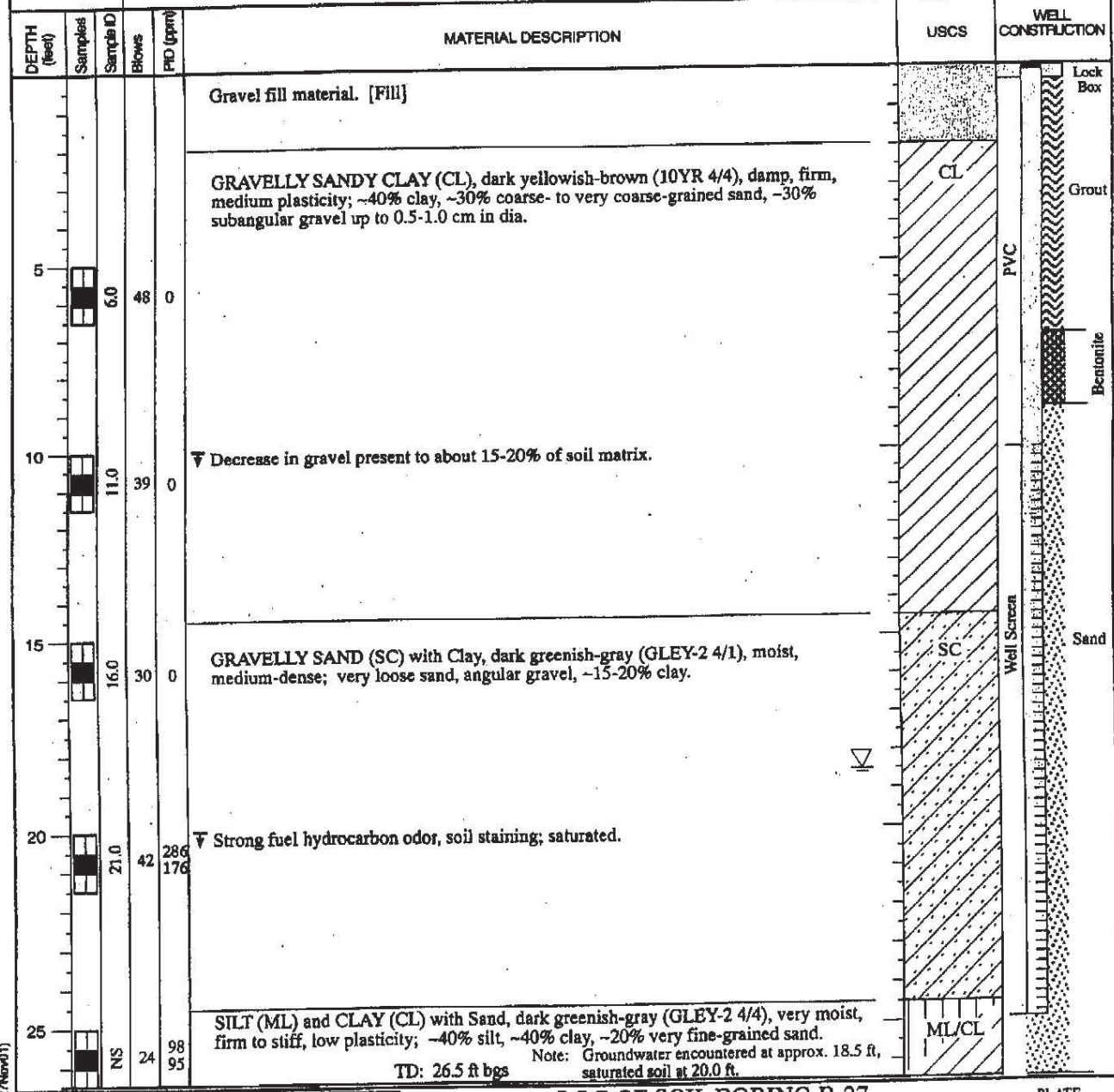
DRAFT

DEPTH IN FEET	SAMPLE			DESCRIPTION	WELL CONSTRUCTION
	NUMBER	TYPE	LOCATION		
				6.0 inches: Asphalt	
2			Fill	6.0 inches to 2.0 feet: Fill	
4			SM	2.0 to 8.0 feet: Medium brown, silty, gravelly sand, damp, slightly plastic. Clay seam at 6.0 to 7.0 feet.	
6					
8			CL	8.0 to 9.5 feet: Medium dark brown clay, stiff, dry to damp.	
10			SP	9.5 to 25.0 feet: Brown, gravel and sand, with clay, slightly plastic, dry to damp, slight gasoline odor.	
12					
14					
16					
18					
18				Lense of gray-green sand at 19.0 to 21.0 feet.	
20					
22					
24					
26				End of boring at 25.0 feet.	
28					



IT Enviroscience 1815 Arnold Drive • Martinez, CA 94553 Telephone (415) 228-8400	NALM METAL PRODUCTS 2640 SANTA ROSA AVENUE SANTA ROSA, CALIFORNIA	PLATE 5
PREPARED BY : MMH CHECKED BY :	LOG OF BORING NO. 17 PROJECT NO. : 3019	

BORING LOCATION 2640 Santa Rosa Ave (30 ft west of MW-3)		ELEVATION AND DATUM Ground Surface		BORING NO. B-27	
DRILLING AGENCY Clear Heart, LLC		DRILLER Rick		DATE STARTED 28 Aug 01 → DATE FINISHED 28 Aug 01	
DRILLING EQUIPMENT Dee Brock DR 10K Truck-mounted Rig		COMPLETION DEPTH 26.5 ft		SAMPLER CA Modified Split Spoon	
DRILLING METHOD Hollow Stem Auger		BORING DIA. 8.0 inches		NO. OF SAMPLES 4 Soil	
SIZE AND TYPE OF CASING 2 inch Schedule 40 PVC		FROM 0.0 TO 25.0		WATER LEVEL FIRST -18.5 ft MEASURED / SAMPLED None	
TYPE OF PERFORATION 0.10 Slotted		FROM 10.0 TO 25.0		CORE BARREL 2.0 inch φ LENGTH 18 inches	
SIZE AND TYPE OF PACK #2/12 Sand		FROM 9.0 TO 26.5		LOGGED BY: BLW CHECKED BY: —	
TYPE OF SEAL	NO. 1 Bentonite Pellets	FROM 7.0 TO 9.0		COMMENTS Soil samples field screened with Photo-Ionization Detector (PID), results in parts per million (ppm). Blows by 40 lb hammer, 40 inch drop.	
	NO. 2 Portland Cement Grout	FROM 0.0 TO 7.0			



TRACE #261/RG27/Nov01

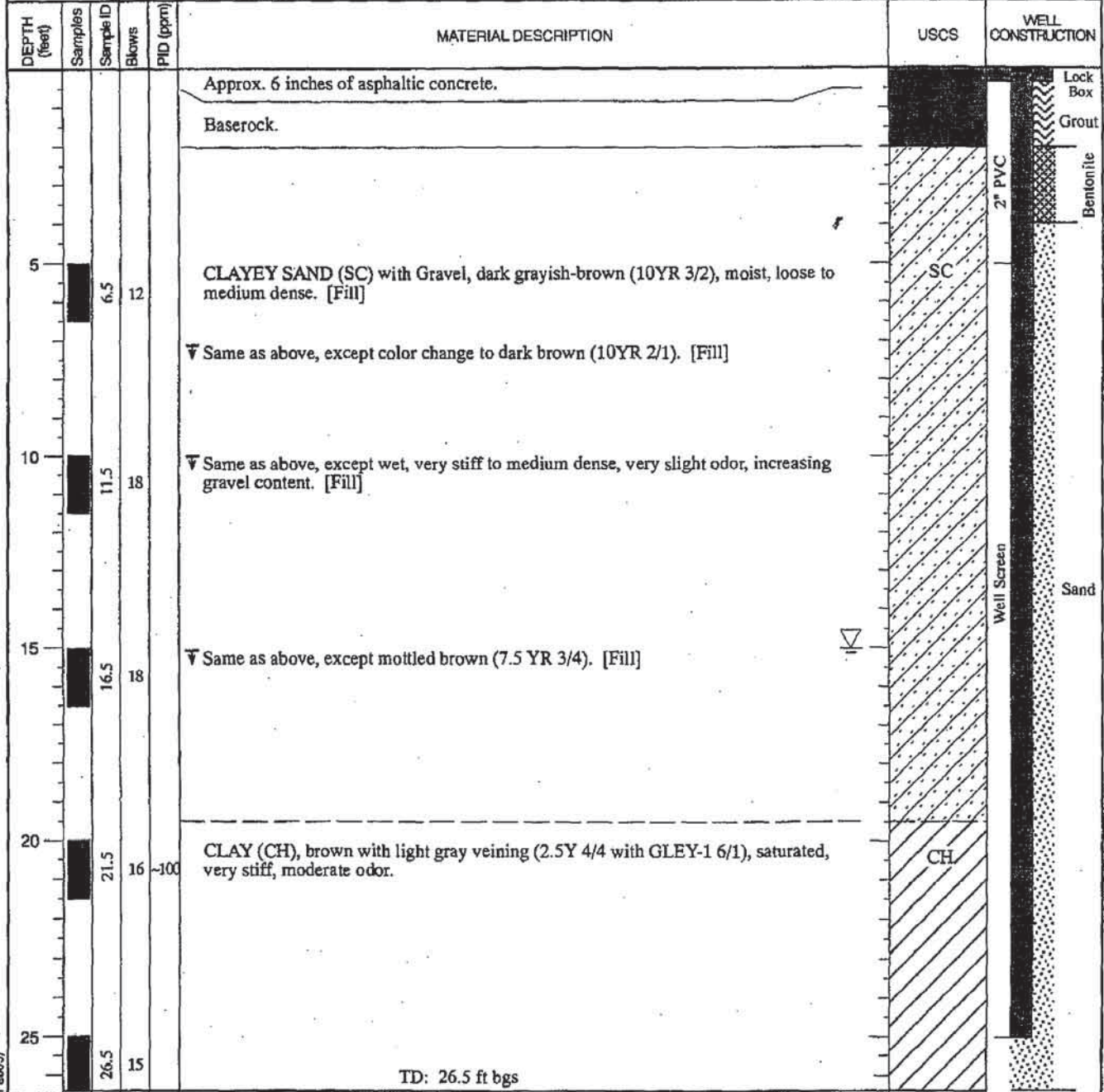
EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

LOG OF SOIL BORING B-27
2640 Santa Rosa Avenue
Santa Rosa, California

PLATE
7

JOB NUMBER 0266,002.96	REVIEWED BY EC&A, Elizabeth Carruth	DATE DRAWN September 2001	REVISED	SHEET NO. 1 of 1
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BORING LOCATION 2640 Santa Rosa Ave. (S edge of former gas UST over-excav, btwn SP3 & 4)		ELEVATION AND DATUM TOC 136.45 ft		BORING NO. B-29	
DRILLING AGENCY Clear Heart, Inc.		DRILLER Rick		DATE STARTED 12 Jul 04 → 12 Jul 04	
DRILLING EQUIPMENT CME 75 Truck-mounted rig		COMPLETION DEPTH 26.5 ft		SAMPLER CA Modified Split Spoon	
DRILLING METHOD Hollow Stem Auger		BORING DIA. 8.0 inches		NO. OF SAMPLES 5 Soil	
SIZE AND TYPE OF CASING 2.0 inch dia Schedule 40 PVC		FROM 0.0 ft TO 25.0 ft		WATER LEVEL FIRST ~15 ft	
TYPE OF PERFORATION 0.010 inch Slotted		FROM 5.0 ft TO 25.0 ft		CORE BARREL 2.0 inch φ	
SIZE AND TYPE OF PACK #2/12 Lonestar Sand		FROM 4.0 ft TO 26.5 ft		LOGGED BY: LAS, LKC	
TYPE OF SEAL		NO. 1 Bentonite Chips		FROM 2.0 ft TO 4.0 ft	
		NO. 2 Portland Cement Grout		FROM 0.0 ft TO 2.0 ft	
COMMENTS Passes through over-excavation fill. Soil samples field screened with Photoionization Detector (PID), results in parts per million (ppm).					



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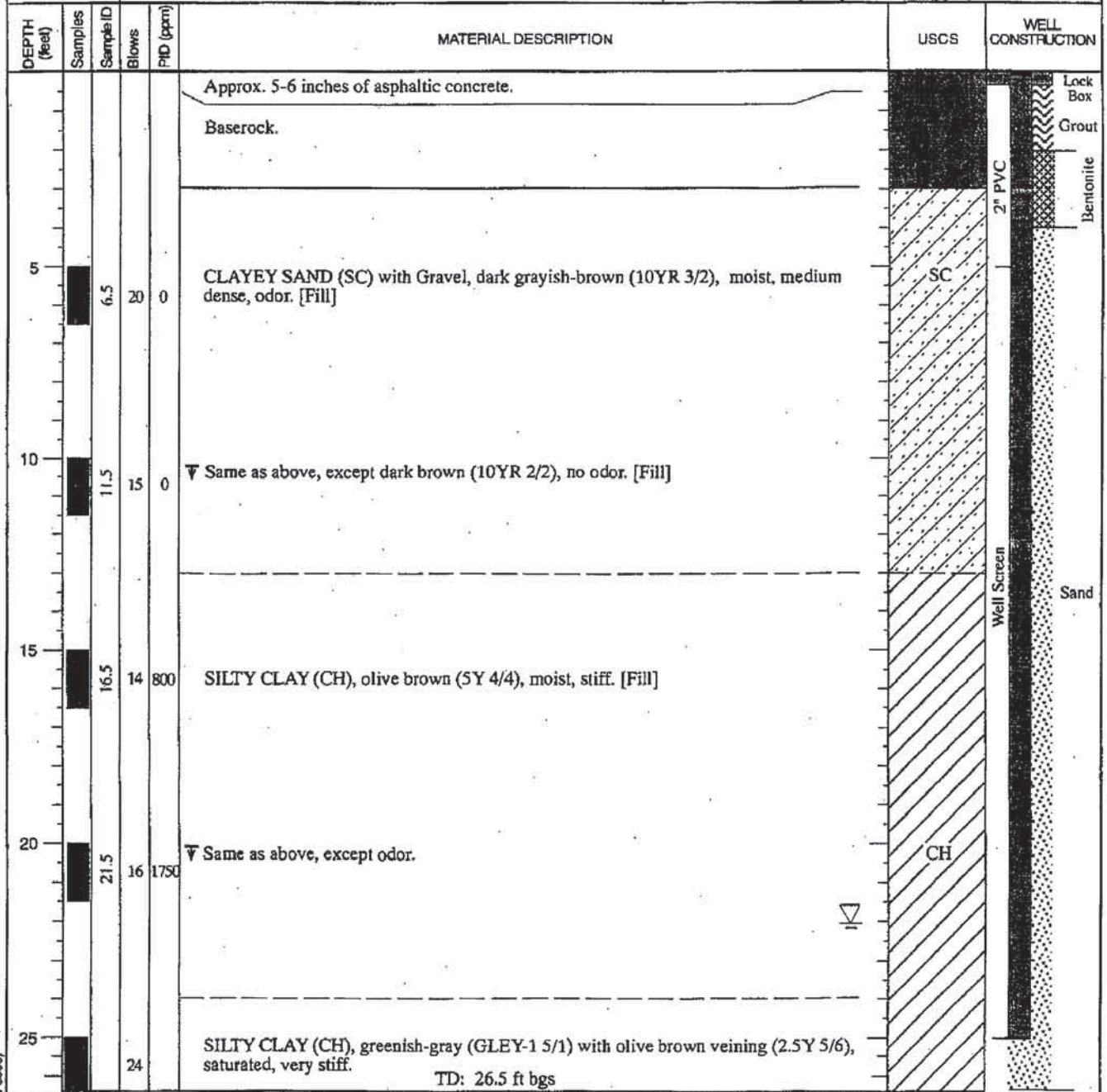
LOG OF MONITORING WELL B-29
2640 Santa Rosa Avenue
Santa Rosa, California

FIGURE
4

JOB NUMBER 0266, 002.96	REVIEWED BY EC&A, Lisa Scorallo	DATE July 2004	REVISED	SHEET NO. 1 of 1
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TRACE#366R/G02F_e005

BORING LOCATION 2640 Santa Rosa Ave. (SW edge of former gas UST over-excav, btwn SP1 & 2)			ELEVATION AND DATUM TOC 136.19 ft		BORING NO. B-30
DRILLING AGENCY Clear Heart, Inc.	DRILLER Rick		DATE STARTED 12 Jul 04	DATE FINISHED 12 Jul 04	
DRILLING EQUIPMENT CME 75 Truck-mounted rig			COMPLETION DEPTH 26.5 ft	SAMPLER CA Modified Split Spoon	
DRILLING METHOD Hollow Stem Auger			BORING DIA. 8.0 inches	NO. OF SAMPLES 4 Soil	
SIZE AND TYPE OF CASING 2.0 inch dia Schedule 40 PVC			FROM 0.0 ft TO 25.0 ft	WATER LEVEL FIRST ~22 ft	MEASURED / SAMPLED
TYPE OF PERFORATION 0.010 inch Slotted			FROM 5.0 ft TO 25.0 ft	CORE BARREL 2.0 inch ϕ	LENGTH 18 inches
SIZE AND TYPE OF PACK #2/12 Lonestar Sand			FROM 4.0 ft TO 26.5 ft	LOGGED BY: LAS, LKC	CHECKED BY: RWE
TYPE OF SEAL	NO. 1	Bentonite Chips	FROM 2.0 ft TO 4.0 ft	COMMENTS Passes through over-excavation fill. Soil samples field screened with Photo-ionization Detector (PID), results in parts per million (ppm).	
	NO. 2	Portland Cement Grout	FROM 0.0 ft TO 2.0 ft		



TRACE#666/RG/03Feb05

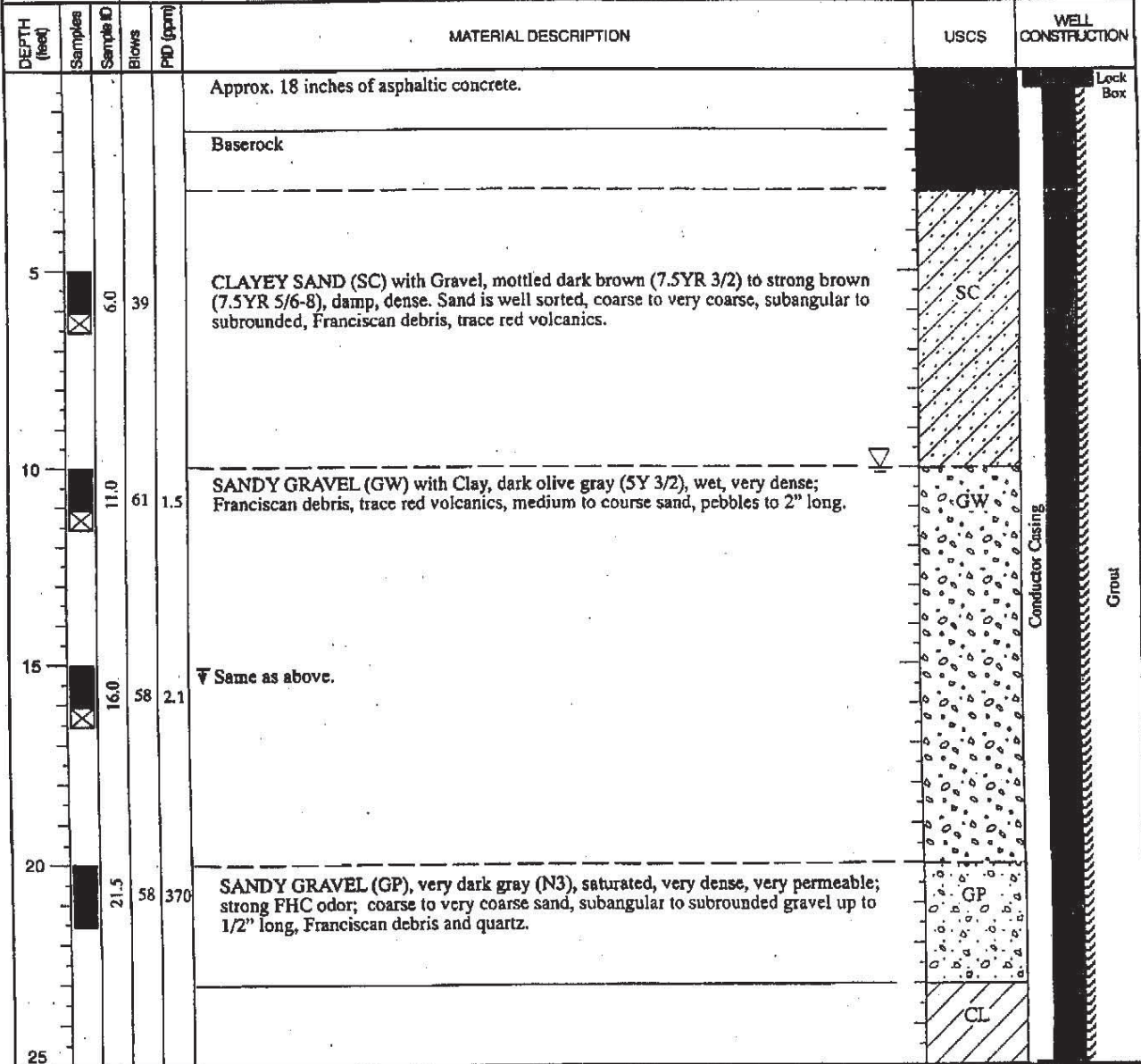
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ENVIRONMENTAL CONSULTANTS

LOG OF MONITORING WELL B-30
2640 Santa Rosa Avenue
Santa Rosa, California

FIGURE
5

JOB NUMBER 0266, 002.96	REVIEWED BY EC&A, Lisa Scoralie	DATE July 2004	REVISED	SHEET NO. 1 of 1
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BORING LOCATION 2640 Santa Rosa Ave. (~5 ft SW of B-28 and ~13 ft NW of SP-10)		ELEVATION AND DATUM TOC 140.12 ft		BORING NO. B-35D	
DRILLING AGENCY Clear Heart, Inc.		DRILLER Chris/Pa		DATE STARTED 15 Jul 04	
DRILLING EQUIPMENT Deep Rock DR10K Truck-mounted rig		COMPLETION DEPTH 41.5 ft bgs		DATE FINISHED 22 Jul 04	
DRILLING METHOD Hollow Stem Auger		BORING DIA. 8.0 inches		SAMPLER Drive	
SIZE AND TYPE OF CASING Conductor Casing 2.0 inch dia Schedule 40 PVC		NO. OF SAMPLES 8 Soil		MEASURED / SAMPLED —	
TYPE OF PERFORATION 0.010 inch Slotted		WATER LEVEL FIRST ~10 ft bgs		LENGTH 18 inches	
SIZE AND TYPE OF PACK #2/12 Lonestar Sand		CORE BARREL 2.0 inch ϕ		LOGGED BY: RWE	
TYPE OF SEAL		CHECKED BY: RWE		COMMENTS	
NO. 1 Bentonite Chips		FROM 30.0 ft TO 34.0 ft		Soil samples field screened with Photo-ionization Detector (PID), results in parts per million (ppm).	
NO. 2 Portland Cement Grout		FROM 0.5 ft TO 30.0 ft			



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JOB NUMBER 0266, 002.96

LOG OF MONITORING WELL B-35D
 2640 Santa Rosa Avenue
 Santa Rosa, California

FIGURE
 10

REVIEWED BY EC&A, Richard Ely	DATE July 2004	REVISED	SHEET NO. 1 of 2
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TRACE 066RG074.m03

BORING LOCATION				CONTINUED LOG SHEET NO.	FOR BORING NO.	
2640 Santa Rosa Ave. (~5 ft SW of B-28 and ~13 ft NW of SP-10)				2 of 2	B-35D	
DEPTH (feet)	Samples	Blows	PID (ppm)	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
25	26.5	28	8.0	SANDY CLAY grading downward to CLAY (CL), mottled brownish-yellow (10YR 6/6) to light brownish-gray (10YR 6/2), MnO (?) spots, moist, very stiff; medium grained well sorted sand.	CL	
30	31.5	28		CLAY (CL) with Sand, dark brownish-gray to olive brown (2.5Y 4/2-4), moist, very stiff; sand is mostly coarse.	CL	
35	36.5	54		CLAYEY SANDY GRAVEL (GC) grading downward into CLAYEY GRAVELLY SAND (SC), dark grayish-brown to olive brown (2.5Y 4/2-4), wet, dense. Sand is medium to coarse, gravel is subrounded to subangular pebbles up to 3/4" long, Franciscan debris.	GC SC	
40	41.5	81		Same as above, except trace red volcanic debris and black chert, otherwise mostly quartz, subrounded to angular.	SC	
				TD: 41.5 ft bgs		
45						
50						

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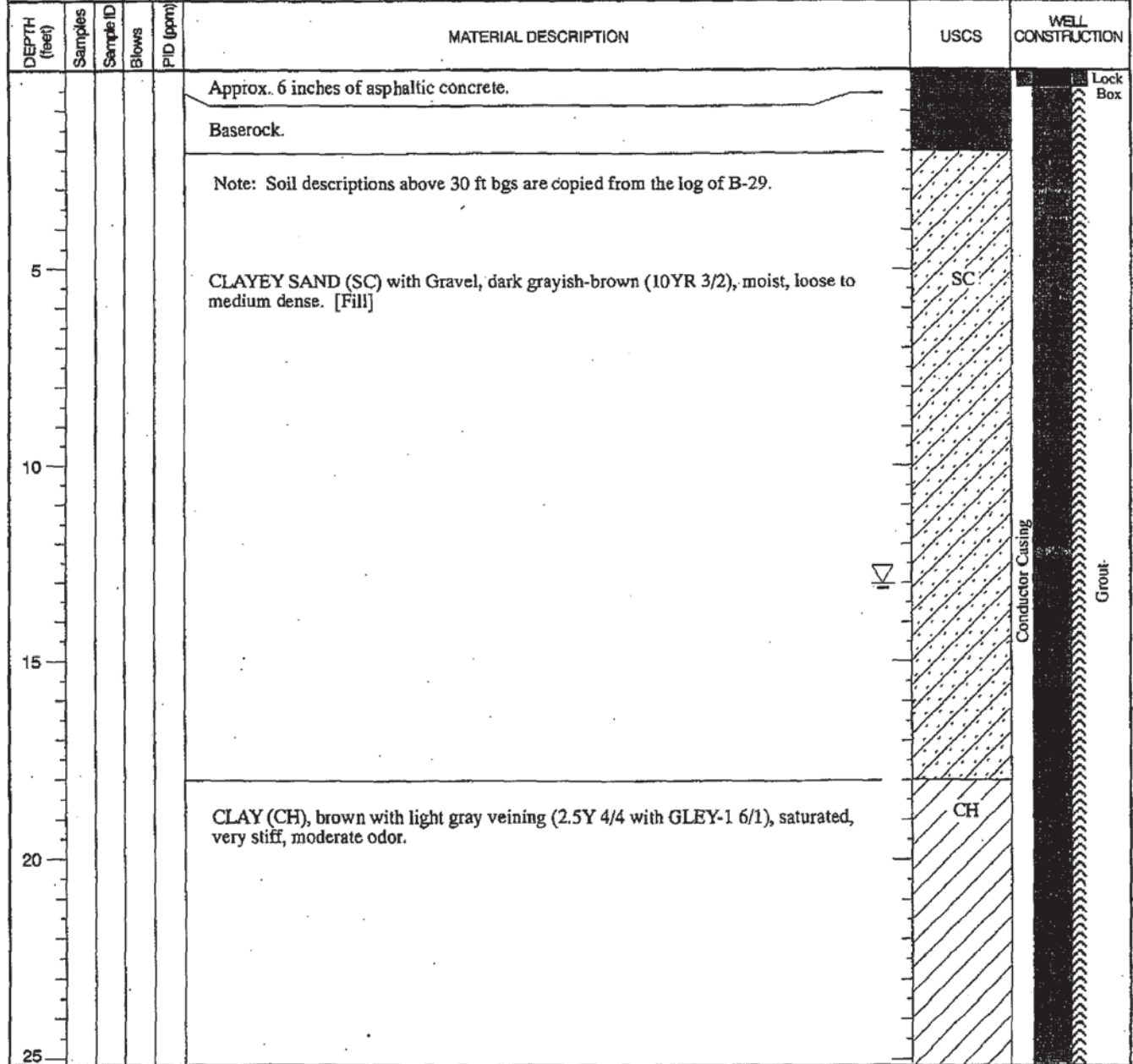
LOG OF MONITORING WELL B-35D (Cont'd)
2640 Santa Rosa Avenue
Santa Rosa, California

FIGURE
10

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Richard Ely	DATE	July 2004	REVISED	SHEET NO. 2 of 2
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TRACE# 366/RG07 Jan05

BORING LOCATION 2640 Santa Rosa Ave. (S edge of former gas UST over-excav, next to B-29)		ELEVATION AND DATUM TOC 136.55 ft		BORING NO. B-36D	
DRILLING AGENCY Clear Heart, Inc.		DRILLER Rick		DATE STARTED 14 Jul 04	
				DATE FINISHED 16 Jul 04	
DRILLING EQUIPMENT CME 75 Truck-mounted rig			COMPLETION DEPTH 40.0 ft		SAMPLER Drive
DRILLING METHOD Solid Flight/Hollow Stem Auger		BORING DIA. 9.0/8.0 inches		NO. OF SAMPLES 3 Soil	
SIZE AND TYPE OF CASING Conductor Casing, 9.0 inch 2.0 inch PVC		FROM 0.0 ft TO 25.0 ft 0.0 ft TO 40.0 ft		WATER LEVEL FIRST ~13.0 ft	
TYPE OF PERFORATION 0.010 inch Slotted		FROM 35.0 ft TO 40.0 ft		CORE BARREL 2.0 inch φ	
SIZE AND TYPE OF PACK #2/12 Lonestar Sand		FROM 34.0 ft TO 40.0 ft		LOGGED BY: RWE	
				CHECKED BY: RWE	
TYPE OF SEAL		NO. 1 Bentonite Chips		FROM 32.5 ft TO 34.0 ft	
		NO. 2 Portland Cement Grout		FROM 0.0 ft TO 32.5 ft	
COMMENTS					



TRACE#366/RG/02F-0405

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LOG OF MONITORING WELL B-36D
2640 Santa Rosa Avenue
Santa Rosa, California

FIGURE
11

JOB NUMBER 0266, 002.96	REVIEWED BY EC&A, Richard Ely	DATE July 2004	REVISED	SHEET NO. 1 of 2
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BORING LOCATION					2640 Santa Rosa Ave. (S edge of former gas UST over-excav, next to B-29)		CONTINUED LOG, SHEET NO.	2 of 2	FOR BORING NO.	B-36D
DEPTH (feet)	Sample	Sample ID	Blows	PID (ppm)	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION			
25					CLAY (CL)	CL				
30		31.5	29	CLAY (CL) with Sand, dark grayish-brown (2.5Y 4/2), moist, very stiff; medium to coarse sand.	CL					
35		36.5	28	CLAYEY SAND (SC) grading downward to SAND (SP) with Clay, moist, dense; trace of subrounded gravel, mostly coarse angular-subrounded sand.	SC/SP					
40		40.0	39	SANDY CLAY (CL), light yellowish-brown (2.5Y 6/4), damp, very stiff; mostly medium sand.	CL					
					TD: 40.0 ft bgs					
45										
50										

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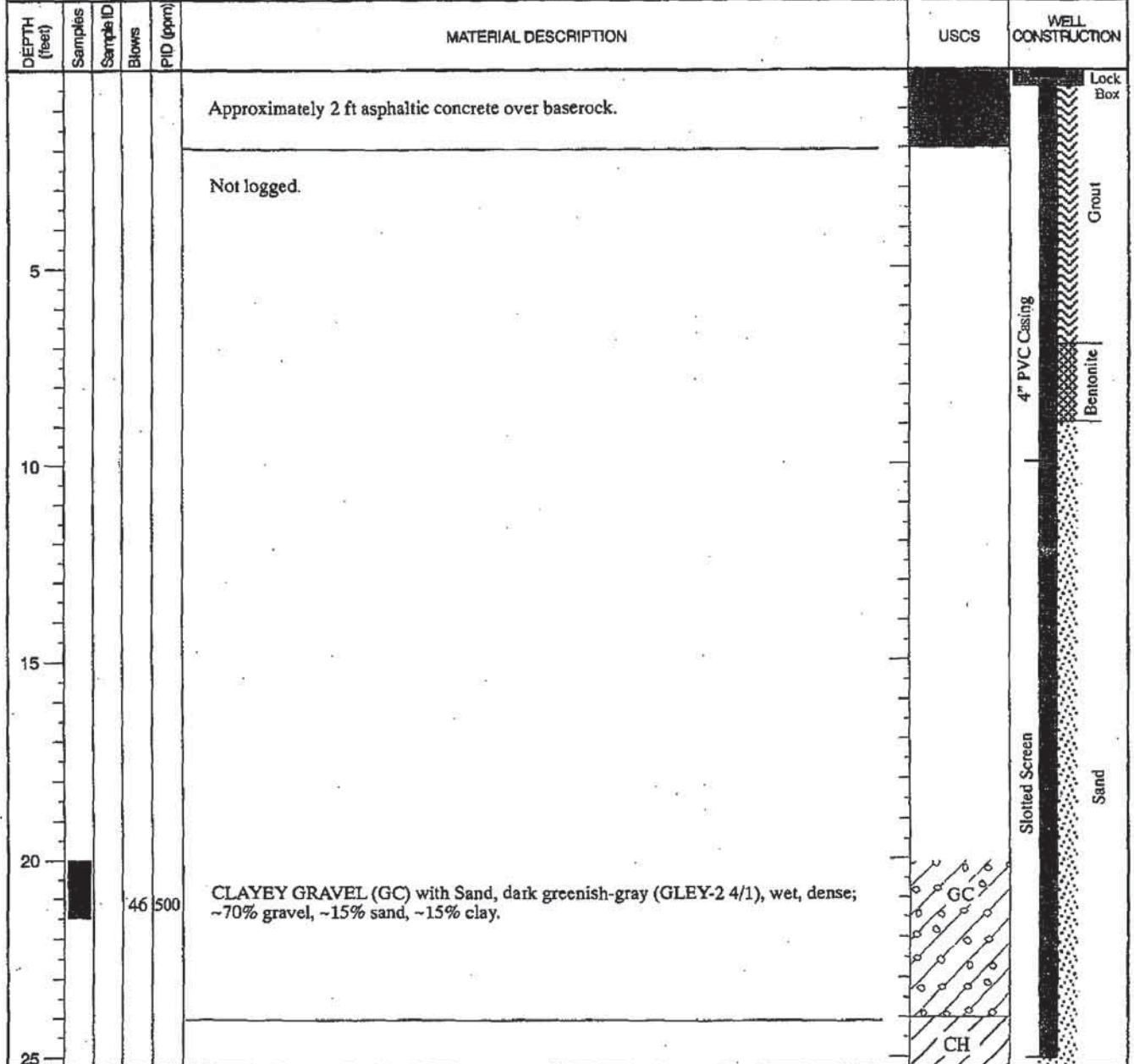
LOG OF MONITORING WELL B-36D (Cont'd)
 2640 Santa Rosa Avenue
 Santa Rosa, California

FIGURE
 11

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Richard Ely	DATE	July 2004	REVISED		SHEET NO.	2 of 2
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TRACE #366/RG07-Jan05

BORING LOCATION		2640 Santa Rosa Ave. (~53 ft ENE former gasoline UST)		ELEVATION AND DATUM		TOC 138.91 ft		BORING NO.		EW-6	
DRILLING AGENCY		Clear Heart, Inc.		DRILLER		Pablo		DATE STARTED		04 Aug 04	
DRILLING EQUIPMENT		DR5K Truck-mounted rig		DATE FINISHED		04 Aug 04		COMPLETION DEPTH		26.5 ft	
DRILLING METHOD		Hollow Stem Auger		BORING DIA.		10.0 inches		NO. OF SAMPLES		2 Soil	
SIZE AND TYPE OF CASING		4 inch Schedule 40 PVC		FROM		0.0 ft TO 25.0 ft		WATER LEVEL		FIRST 15.0 ft	
TYPE OF PERFORATION		0.020 inch slotted		FROM		10.0 ft TO 25.0 ft		CORE BARREL		2.0 inch ϕ	
SIZE AND TYPE OF PACK		#2/12 Monterey Sand		FROM		9.0 ft TO 26.5 ft		LOGGED BY:		LKC	
TYPE OF SEAL		NO. 1 Bentonite Chips		FROM		7.0 ft TO 9.0 ft		CHECKED BY:		RWE	
		NO. 2 Portland Cement Grout		FROM		0.0 ft TO 7.0 ft		COMMENTS			
				Soil samples field screened with Photo-ionization Detector (PID); results in parts per million (ppm).							



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LOG OF EXTRACTION WELL EW-6
 2640 Santa Rosa Avenue
 Santa Rosa, California

FIGURE
 18

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Richard Ely	DATE	August 2004	REVISED		SHEET NO.	1 of 2
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TRACE#36/R/GA02F6805

BORING LOCATION					2640 Santa Rosa Ave. (~53 ft ENE of former gasoline UST)		CONTINUED LOG, SHEET NO.	2 of 2	FOR BORING NO.	EW-6
DEPTH (feet)	Samples	Sample ID	Blows	PID (ppm)	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION			
25			41	110	SILTY CLAY (CH) with Sand, yellowish-brown, moist to wet, very stiff; ~80% clay, ~10% silt, ~10% fine sand.	CH	Sand			
					TD: 26.5 ft bgs					
30										
35										
40										
45										
50										

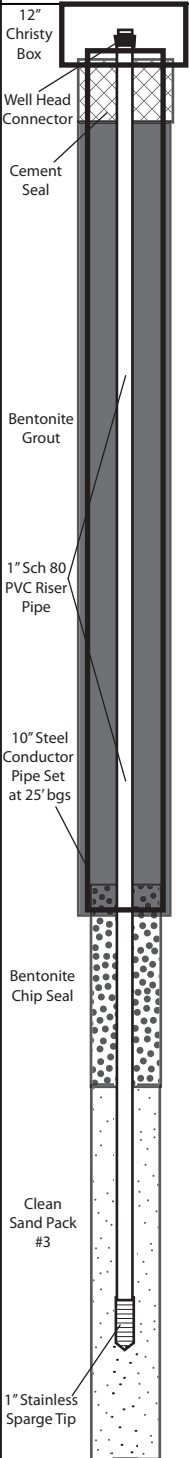
EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

LOG OF EXTRACTION WELL EW-6 (Cont'd)
2640 Santa Rosa Avenue
Santa Rosa, California

FIGURE
18

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Richard Ely	DATE	August 2004	REVISED		SHEET NO.	2 of 2
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TRACE #36876107 Jan05



Groundwater	Blows	Soil Sample ID	Depth (ft)	SAMPLE	Graphic Log
			1		Gravel surface
			2		Reddish-brown silty clay with gravel (GC-CL), damp, no odor
			3		
			4		
	18		5		As above, damp, no odor
	24		6		
	31		7		
			8		
			9		Increase sand, decrease clay and gravel
	11		10		Brown gravelly sand with clay and silt (SP-SM), wet, no odor
	27		11		
	40		12		
			13		
			14		Brown-gray-green mottled gravelly sand with less silt and clay (SP), wet, no odor
	11		15		
	18		16		Increase gravel
	27		17		
			18		
			19		
	18		20		Gray-green gravel with sand-silt-clay mix (GP-GM), saturated, strong hydrocarbon odor
	50		21		
			22		Gray-green stiff silty clay (CL-CH), damp, slight odor
	16		23		
	24		24		
	31		25		Clay aquitard, steel conductor pipe set at 25 feet bgs
	8		26		
	10		27		Gray-green silty sand, little clay (SM), wet, hydrocarbon odor
	12		28		
			29		
	18		30		
	22		31		As above, strong odor
	31		32		
			33		
	7		34		As above, less odor
	7		35		
	12		36		
			37		
	18		38		Gray-green silty fine sand with coarse sand and gravel (SP-SM), saturated no odor
	27		39		
	30		40		

Gravel surface

Reddish-brown silty clay with gravel (GC-CL), damp, no odor

As above, damp, no odor

Increase sand, decrease clay and gravel

Brown gravelly sand with clay and silt (SP-SM), wet, no odor

Brown-gray-green mottled gravelly sand with less silt and clay (SP), wet, no odor

Increase gravel

Gray-green gravel with sand-silt-clay mix (GP-GM), saturated, strong hydrocarbon odor

Gray-green stiff silty clay (CL-CH), damp, slight odor

Clay aquitard, steel conductor pipe set at 25 feet bgs

Gray-green silty sand, little clay (SM), wet, hydrocarbon odor

As above, strong odor

As above, less odor

Gray-green silty fine sand with coarse sand and gravel (SP-SM), saturated no odor

Brown-light brown silty clay with green mottling, some intermixed coarse sand and gravels (<5%), damp no odor

EXPLANATION

■ Retained Soil Sample

▨ Record Soil Sample

▽ Groundwater Interface

TOTAL DEPTH: 40 ft bgs, Sparge Well Constructed as shown. Collected samples were used for lithologic identification only and were not retained for analysis.

ENVIRONMENTAL GEOLOGY SERVICES, INC.
 Consulting and Project Management
 Santa Rosa, California

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www.EGSconsultants.com

Office: 707-528-0810
 Fax: 707-528-1956

CLIENT: Hulsman
 PROJECT: 451.0711
 DRAFTED BY: DLB
 DATE: JUNE 2014

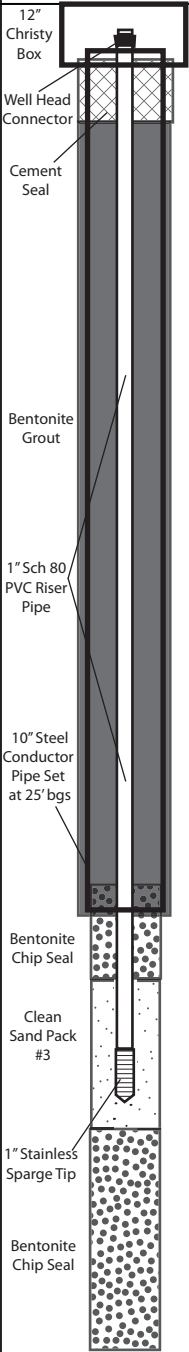
RW-1d LITHOLOGIC LOG AND SPARGE WELL CONSTRUCTION DETAIL

UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
6

Sparge Well Construction Detail

EQUIPMENT: 14" & 8" Hollow Stem Auger
 LOGGED BY: DLB DATE: 12/17 & 12/20/13
 DRILLER: Clear Heart Drilling



Groundwater	Blows	Soil Sample ID	Depth (ft)	SAMPLE	Graphic Log
			1		Gravel surface
			2		Reddish-brown silty clay with gravel (GC-CL), damp, no odor
			3		
			4		
	18		5		As above, damp, no odor
	25		6		
	30		7		
			8		
			9		Increase sand, decrease clay and gravel
	40		10		Brown gravels with sand, clay and silt (GM), wet, no odor
			11		
			12		Becoming finer gravel and sand
			13		
	25		14		Greenish-gray clayey gravel with sand and silt (GC-GM), wet, Slight odor
	27		15		
	30		16		
			17		
			18		
			19		As above, strong hydrocarbon odor
	33		20		Gray-green stiff silty clay (CL-CH), wet-moist, strong odor
	36		21		
	40		22		
	18		23		
	28		24		
	34		25		Clay aquitard, as above, damp-dry, slight odor, steel conductor pipe set at 25 feet bgs
	18		26		
	20		27		Gray-green silty sand, little clay (SM), damp-moist, odor
	6		28		
	8		29		
	14		30		As above, saturated, strong odor
			31		Brown-light brown-orange mottled silty clay (CL-CH) with coarse sand (<5%), damp, no odor, stiff
	18		32		
	26		33		
	32		34		
	8		35		As above, some intermixed coarse sand and gravel (<10%), stiff, damp, no odor
	4		36		
	8		37		
	18		38		
	16		39		
	34		40		
	24				
	26				
	28				

Graphic Log

As above, damp, no odor

Increase sand, decrease clay and gravel

Brown gravels with sand, clay and silt (GM), wet, no odor

Becoming finer gravel and sand

Greenish-gray clayey gravel with sand and silt (GC-GM), wet, Slight odor

As above, strong hydrocarbon odor

Gray-green stiff silty clay (CL-CH), wet-moist, strong odor

Clay aquitard, as above, damp-dry, slight odor, steel conductor pipe set at 25 feet bgs

Gray-green silty sand, little clay (SM), damp-moist, odor

As above, saturated, strong odor

Brown-light brown-orange mottled silty clay (CL-CH) with coarse sand (<5%), damp, no odor, stiff

As above, some intermixed coarse sand and gravel (<10%), stiff, damp, no odor

TOTAL DEPTH: 37 ft bgs, bentonite chips to seal lower aquitard added to depth of 31 feet, Sparge Well Constructed as shown. Collected samples were used for lithologic identification only and were not retained for analysis.

EXPLANATION

■ Retained Soil Sample

▽ Groundwater Interface

□ Record Soil Sample

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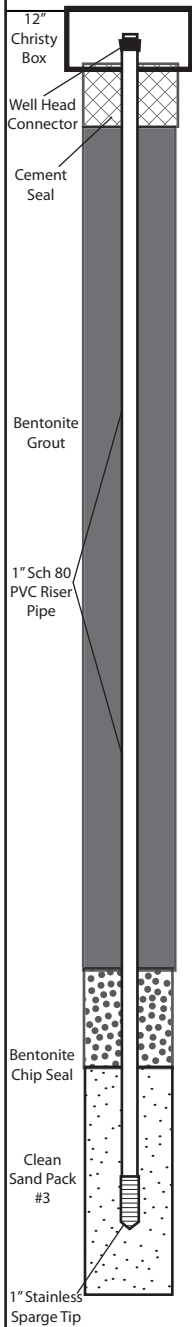
CLIENT: Hulsman
 PROJECT: 451.0711
 DRAFTED BY: DLB
 DATE: JUNE 2014

RW-2d LITHOLOGIC LOG AND SPARGE WELL CONSTRUCTION DETAIL

UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
 7

Sparge Well Construction Detail



EQUIPMENT: 8" Hollow Stem Auger
 LOGGED BY: DLB DATE: 12/16/13
 DRILLER: Clear Heart Drilling

Groundwater	Blows	Soil Sample ID	Depth (ft)	SAMPLE	Graphic Log
			1		Concrete floor slab
			2		Brown silty clay (CL-CH), wet, no odor, sub-slab
			3		Light brown clayey silt (CL), with intermixed fine sand, hard, damp, no odor
			4		
			5		Mottled reddish-brown-gray gravel with sand, silt, clay (GM), damp, no odor
	12 14 20		6		
			7		As above, no odor
			8		
			9		As above, damp-moist, no odor
	18 24 28		10		
			11		As above, wet, no odor
			12		
			13		As above, damp-moist, no odor
			14		
			15		As above, wet, no odor
	24 28 28		16		
			17		Dark gray gravels as above, coarser, saturated, no odor
			18		
			19		Gray-green silty clay (CL-CH), damp, no odor
			20		
			21		TOTAL DEPTH: 27 ft bgs, Sparge Well Constructed as shown. Collected samples were used for lithologic identification only and were not retained for analysis.
	34 34 38		22		
			23		
			24		
			25		
			26		
			27		
			28		
			29		
			30		

EXPLANATION

- Retained Soil Sample
- Record Soil Sample
- Groundwater Interface



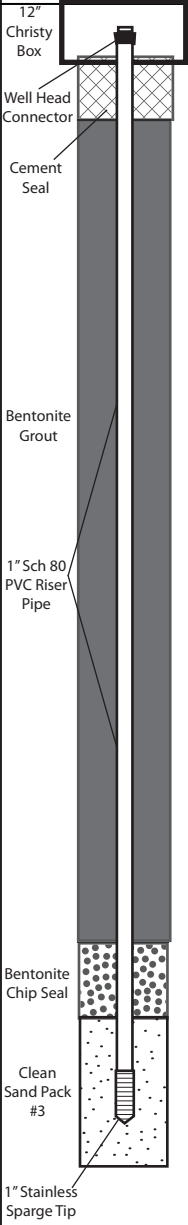
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**RW-3 LITHOLOGIC LOG AND
 SPARGE WELL CONSTRUCTION DETAIL**
 UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
 8

Sparge Well Construction Detail										Groundwater	Blows	Soil Sample ID	Depth (ft)	SAMPLE	Graphic Log	EQUIPMENT: 8" Hollow Stem Auger
 <p>12" Christy Box Well Head Connector Cement Seal Bentonite Grout 1" Sch 80 PVC Riser Pipe Bentonite Chip Seal Clean Sand Pack #3 1" Stainless Sparge Tip</p>																EQUIPMENT: 8" Hollow Stem Auger
																LOGGED BY: DLB DATE: 12/16/13
							DRILLER: Clear Heart Drilling									
													1	Retained Soil Sample	Fractured asphalt	
													2	Record Soil Sample	Dark gray silty clay (CL-CH) with sand and organic debris	
													3			
													4		Reddish-brown sandy, gravelly clay (SC-GC), damp, no odor	
													5			
								12					6			
								14					7			
								18					8			
													9			
													10			
													11		Mottled reddish-brown-gray gravel with sand, silt, clay (GM), damp, no odor	
								14					12			
								24					13			
								26					14			
								28					15			
													16		As above, wet, no odor	
													17			
													18			
													19			
								20					20			
								30					21		Gray-green sandy gravel (GP), saturated, hydrocarbon odor	
								32					22			
													23		As above, strong hydrocarbon odor	
								24					24			
								36					25		Gray-green silty clay with some fine sand (CL-CH), damp, odor	
								42					26		Cease drilling, continuous sampling to verify aquitard	
													27			
								5					28			
								7					29			
								12					30			
								14								

EXPLANATION

 Retained Soil Sample
  Groundwater Interface
 Record Soil Sample

TOTAL DEPTH: 27 ft bgs, Sparge Well Constructed as shown. Collected samples were used for lithologic identification only and were not retained for analysis.



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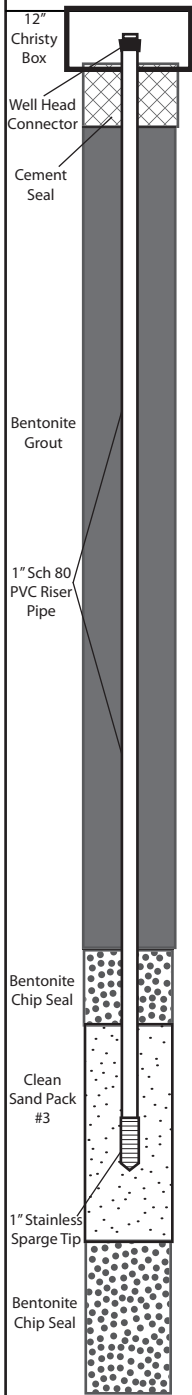
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RW-4 LITHOLOGIC LOG AND SPARGE WELL CONSTRUCTION DETAIL
 UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
 9

Sparge Well Construction Detail



EQUIPMENT: 8" Hollow Stem Auger
 LOGGED BY: DLB DATE: 12/17/13
 DRILLER: Clear Heart Drilling

Groundwater	Blows	Soil Sample ID	Depth (ft)	SAMPLE	Graphic Log
			1		Fractured asphalt
			2		Brown silty clay with some damp rounded gravels (GC)
			3		Light brown silty clay (CL-CH), minor fine sand, damp, no odor
			4		
	14		5		
	14		6		
	17		7		
			8		Reddish-brown-gray mottled silty clay with gravel (CL-GC), damp, no odor
			9		
	20		10		
	26		11		
	34		12		As above, wet, no odor
			13		
			14		
	24		15		Mottled gravelly sand, less clay (GP-GM), no odor, wet
	30		16		
	32		17		
			18		
			19		
	14		20		
	34		21		Gray-green silty sand (SM), minor gravel, saturated, strong hydrocarbon odor
	38		22		
	24		23		
	36		24		As above, strong hydrocarbon odor
	38		25		Gray-green silty clay (CL-CH), moist-wet, no odor
	23		26		
	23		27		Cease drilling, continuous sampling to verify aquitard
	23		28		
	23		29		Gray-green silty sand (SM), wet, strong odor
	26		30		TOTAL DEPTH: 29 ft bgs, Sparge Well Constructed as shown. Collected samples were used for lithologic identification only and were not retained for analysis.

EXPLANATION

- Retained Soil Sample
- Record Soil Sample
- Groundwater Interface



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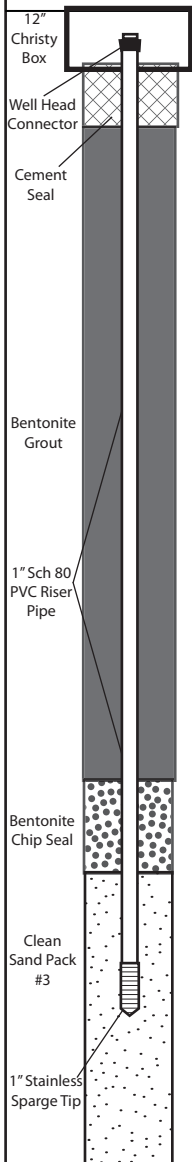
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**RW-5 LITHOLOGIC LOG AND
 SPARGE WELL CONSTRUCTION DETAIL**
 UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
 10

Sparge Well Construction Detail



EQUIPMENT: 8" Hollow Stem Auger
 LOGGED BY: DLB DATE: 12/19/13
 DRILLER: Clear Heart Drilling

Groundwater	Blows	Soil Sample ID	Depth (ft)	SAMPLE	Graphic Log
			1		Gravel surface
			2		Brown silty clay with coarse sand and gravels (CL), damp, no odor
			3		Brown silty clay with coarse sand (CL), damp, no odor
			4		
			5		
	6		6		
	10		7		
			8		Increase gravels
			9		
			10		Reddish-brown-gray mottled clayey sand and gravel (GC), wet, no odor
	18		11		
	25		12		
	20		13		
			14		
			15		
			16		
			17		
			18		
			19		
			20		As above, gray-green gravels with sand and clay (GC), saturated, no odor
	14		21		As above, no odor
	20		22		Brown-green silty clay (CL-CH), damp-moist, no odor
			23		
	8		24		
	5		25		TOTAL DEPTH: 24 ft bgs, Sparge Well Constructed as shown. Collected samples were used for lithologic identification only and were not retained for analysis.
			26		
			27		
			28		
			29		
			30		

EXPLANATION

- Retained Soil Sample
- Record Soil Sample

Groundwater Interface



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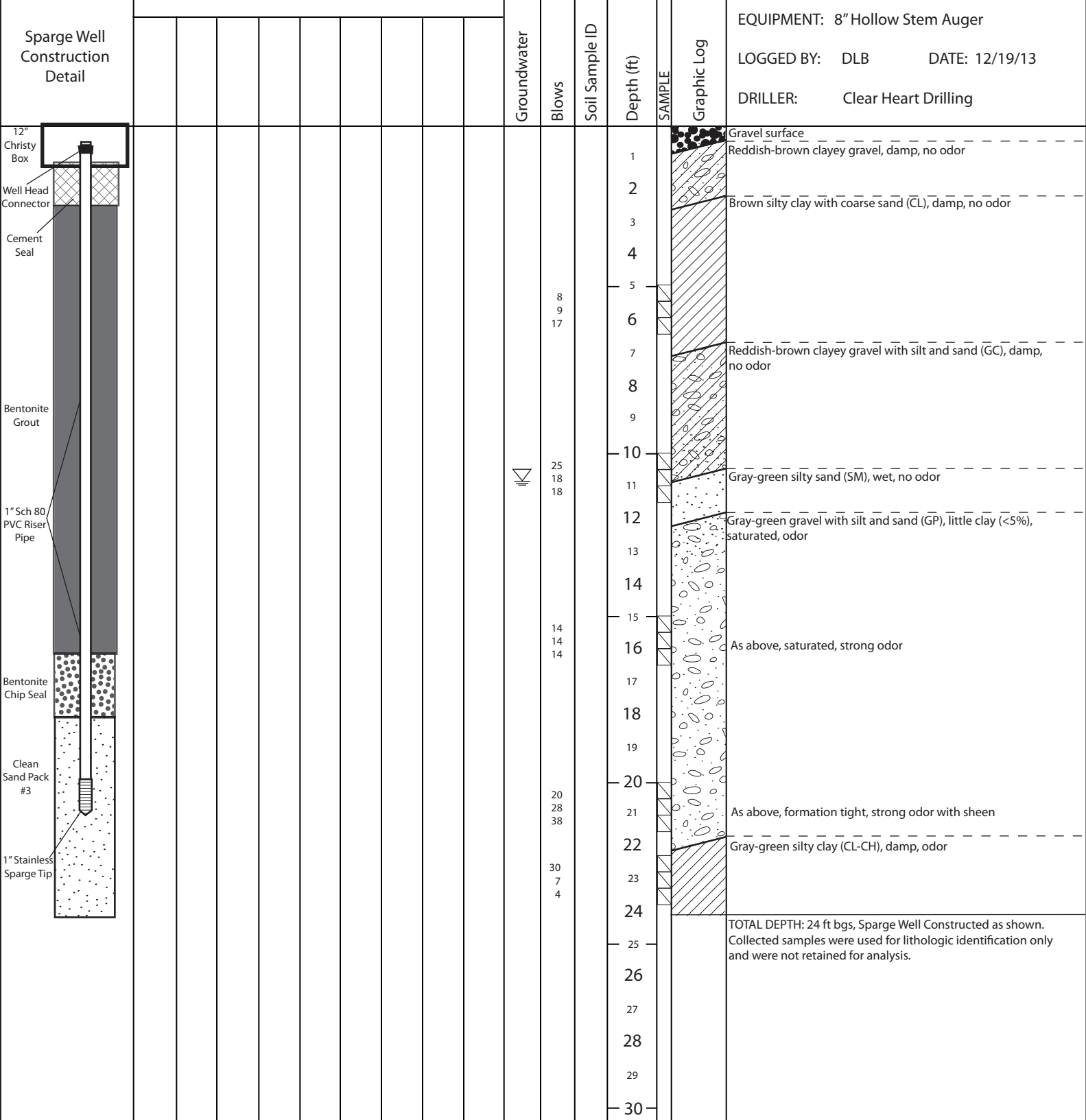
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**RW-6 LITHOLOGIC LOG AND
 SPARGE WELL CONSTRUCTION DETAIL**
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PLATE
 11



EXPLANATION

Retained Soil Sample
 Groundwater Interface
 Record Soil Sample



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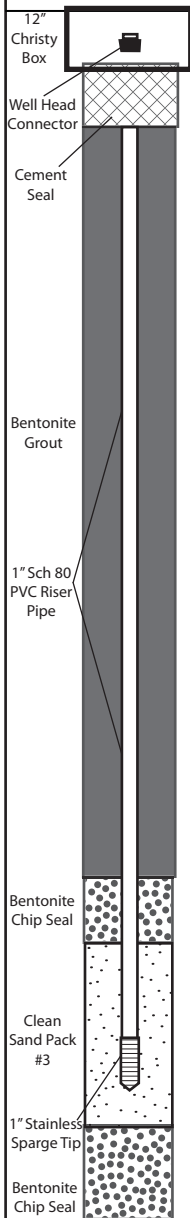
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**RW-7 LITHOLOGIC LOG AND
SPARGE WELL CONSTRUCTION DETAIL**
UST Remediation - Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

PLATE
12

Sparge Well Construction Detail



EQUIPMENT: 8" Hollow Stem Auger
 LOGGED BY: DLB DATE: 12/18/13
 DRILLER: Clear Heart Drilling

Groundwater	Blows	Soil Sample ID	Depth (ft)	SAMPLE	Graphic Log
			1		Gravel surface
			2		Brown silty clay (CL-CH)
			3		Reddish-brown silty sand and clay (CL), with intermixed coarse sand to gravel, damp, no odor
			4		
	12		5		Increase gravels
	13		6		
	14		7		Reddish-brown mottled with gray clayey gravel (GC), with silt and sand, damp-moist, no odor
			8		
			9		As above, wet, slight odor
			10		
	10		11		Gray-green gravelly sand (GP), saturated, strong odor
	15		12		
	16		13		Gray-green silty clay with minor fine sand (CL-CH), damp, odor
			14		
	10		15		TOTAL DEPTH: 25.5 ft bgs, Sparge Well Constructed as shown. Collected samples were used for lithologic identification only and were not retained for analysis.
	17		16		
	27		17		
			18		
			19		
			20		
	45		21		
	50		22		
			23		
	40		24		
	13		25		
	13		26		
			27		
			28		
			29		
			30		

EXPLANATION

- Retained Soil Sample
- Record Soil Sample
- Groundwater Interface



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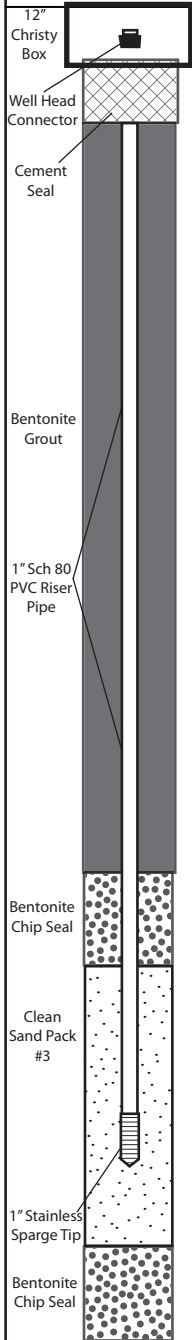
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**RW-8 LITHOLOGIC LOG AND
 SPARGE WELL CONSTRUCTION DETAIL**
 UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
 13

Sparge Well Construction Detail



EQUIPMENT: 8" Hollow Stem Auger
 LOGGED BY: DLB DATE: 12/18/13
 DRILLER: Clear Heart Drilling

Sparge Well Construction Detail										Groundwater	Blows	Soil Sample ID	Depth (ft)	SAMPLE	Graphic Log
													1	Gravel surface	
													2	Brown silty clay with gravel	
													3	Reddish-brown clayey gravel (GC), damp, no odor	
													4		
											18		5		
										50			6		
													7		
													8		
													9		
											22		10	As above, damp-moist, no odor	
										50			11		
													12		
													13		
													14		
											18		15		
										21			16	Mottled brown-gray-green coarse sand and gravel with clay (GC), wet, no odor	
										34			17		
													18		
													19		
											8		20	Gray-green gravelly sand (SP), saturated, no odor	
										9			21		
										13			22	Increase gravel, (GP), strong odor,	
													23		
											50		24		
													25		
													26	Brown-gray-green mottled silty clay (CL-CH), stiff, damp, no odor	
													27		
											4		28		
										6			29		
										7			30		

TOTAL DEPTH: 28 ft bgs, Sparge Well Constructed as shown. Collected samples were used for lithologic identification only and were not retained for analysis.

EXPLANATION

Retained Soil Sample
 Record Soil Sample
 Groundwater Interface



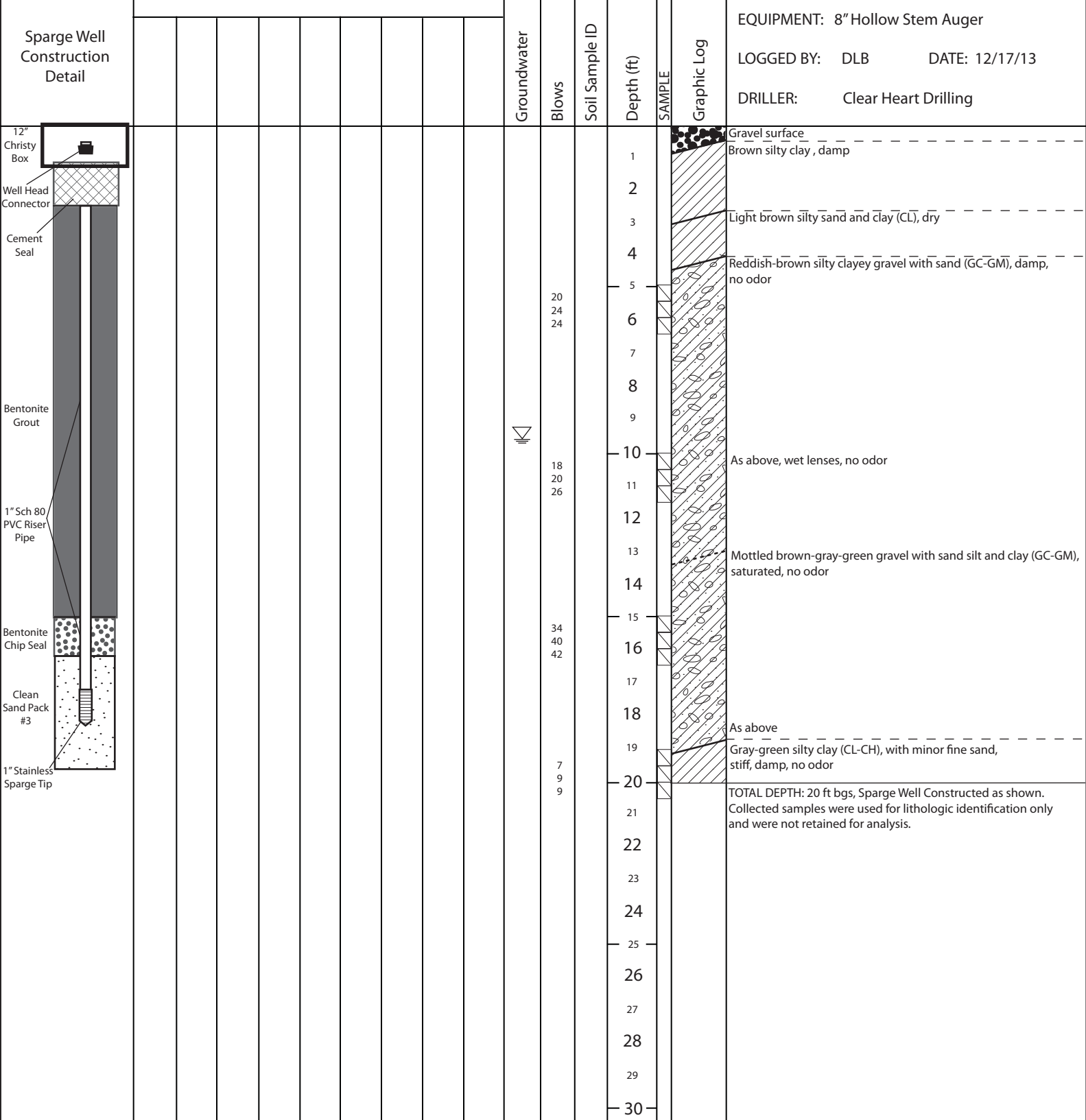
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**RW-9 LITHOLOGIC LOG AND
 SPARGE WELL CONSTRUCTION DETAIL**
 UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
 14



TOTAL DEPTH: 20 ft bgs, Sparge Well Constructed as shown. Collected samples were used for lithologic identification only and were not retained for analysis.

EXPLANATION

Retained Soil Sample
 Record Soil Sample
 Groundwater Interface



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RW-10 LITHOLOGIC LOG AND SPARGE WELL CONSTRUCTION DETAIL
 UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
 15

Well Construction Detail	ANALYTICAL RESULTS (Water Samples)							Groundwater	Blow Counts	Sample ID	Depth (ft)	SAMPLE	Graphic Log	EQUIPMENT: Hand Auger LOGGED BY: DLB DATE: 12/19/12 DRILLER: Clear Heart Drilling
	TPH-Gasoline	Benzene	Toluene	Ethy-benzene	Xylene	MTBE								
											1		Grass, organic soil surface *Hand Auger upper 4 feet	
											2		Brown-dark brown silty caly (CL-CH), with organics, damp, no odor	
										d3	3			
											4		Brown-dark brown clayey sand (SM), damp, no odor	
											d4	4	TOTAL DEPTH: 4-feet bgs. Soil samples collected at depths of 3 and 4-feet bgs submitted to Prima to be batched for Bench Test analysis. Boring located adjacent to east of the former UST. Boring was hand augered due to location constraints.	
											5			
											6			
											7			
											8			
											9			
											10			
											11			
											12			
											13			
											14			
											15			
											16			
											17			
											18			
											19			
											20			

EXPLANATION

-  Groundwater sample submitted for analysis
 -  Soil Sample submitted for analysis
 -  Soil Sample observed for logging
- *Groundwater sample units reported in ug/kg



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BT-1 LITHOLOGIC LOG

BENCH TEST REPORT
 Hulsman Transportation
 325 Yolanda Avenue, Santa Rosa, California
 NC-RWQCB CASE NO. 1TSR050

PLATE
3

Well Construction Detail	ANALYTICAL RESULTS (Water Samples)							Groundwater	Blow Counts	Sample ID	Depth (ft)	SAMPLE	Graphic Log	EQUIPMENT: Auger Rig LOGGED BY: DLB DATE: 12/19/12 DRILLER: Clear Heart Drilling
	TPH-Gasoline	Benzene	Toluene	Ethy-benzene	Xylene	MTBE								
													Fractured asphalt / gravel *Hand Auger upper 5 feet	
											1		Brown-light brown silty clay (CL-CH), with organics, damp, no odor	
											2			
											d3	3	Brown-light brown silty sand and clay (CL), fine, damp, no odor	
											d4	4		
											5		Coarsening	
								11 19 27			d6	6	Reddish-brown clayey sand (SM), damp, no odor	
								12 12 27 32			7		Reddish-brown sandy gravel (GW), gravels (~1"), angular, damp, no odor	
											8			
											9			
											10			
											11		As above, smaller, sub-rounded gravels (~0.25") with coarse sand, wet, no odor	
								19 21 27			d11	12		
											13			
											14			
											15			
											16		As above, moist, no free water, no odor	
								16 22 23			d16	16		
											17			
											18		TOTAL DEPTH: 17-feet bgs. Soil samples collected at depths of 3, 4, 6, 11 and 16-feet bgs submitted to Prima to be batched for Bench Test analysis.	
											19			
											20			

EXPLANATION

 Groundwater sample submitted for analysis
 Soil Sample submitted for analysis
 Soil Sample observed for logging
 *Groundwater sample units reported in ug/kg



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BT-3 LITHOLOGIC LOG

BENCH TEST REPORT
 Hulsman Transportation
 325 Yolanda Avenue, Santa Rosa, California
 NC-RWQCB CASE NO. 1TSR050

PLATE
5

Well Construction Detail	ANALYTICAL RESULTS (Water Samples)						Groundwater	Blow Counts	Sample ID	Depth (ft)	SAMPLE	Graphic Log	EQUIPMENT: Auger Rig LOGGED BY: DLB DATE: 12/19/12 DRILLER: Clear Heart Drilling
	TPH-Gasoline	Benzene	Toluene	Ethy-benzene	Xylene	MTBE							
	ND	ND	ND	ND	ND	ND						Fractured asphalt / gravel *Hand Auger upper 5 feet Brown-dark brown silty clay (CL-CH), damp, no odor Rounded gravels, possible trench of older leach field associated with on site house Brown silty clay with sand and gravel (CL-SC), damp, no odor Silty gravel with sand (SM-GM), wet, no odor As above, no odor	
								d6	22 29 34	6			
								d9	21 27 32	9			
								d14	22 23 22	14			
								d16 @16	20 21 23	16			
										17			TOTAL DEPTH: 17-feet bgs. Soil samples collected at depths of 6, 9, 14 and 16-feet bgs submitted to Prima and batched for Bench Test analysis. Groundwater sample collected at 16-feet bgs submitted to Analytical Sciences for analysis by EPA 8021, results presented on this Log.
										18			
										19			
										20			

EXPLANATION

 Soil Sample submitted for analysis
 Groundwater sample submitted for analysis
 Soil Sample observed for logging
 *Groundwater sample units reported in ug/kg
 ND = Not Detected



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BT-4 LITHOLOGIC LOG

BENCH TEST REPORT
 Hulsman Transportation
 325 Yolanda Avenue, Santa Rosa, California
 NC-RWQCB CASE NO. 1TSR050

PLATE
6

										Soil Vapor Sample Collection Depth	Total Depth (ft)	SAMPLE	Construction Detail
													EQUIPMENT: Direct Push Rig LOGGED BY: DLB DATE: 8/4/16 DRILLER: TEG Northern CA
											1		
											2		Hydrated granular BenSeal to surface
											3		
											4		
											5		6-inches dry granular BenSeal 6-inches Clean #3 Sand Pack Soil Vapor Sampling Tip set at 5.5 feet bgs 6-inches Clean #3 Sand Pack
										d5.5	6		
											7		TOTAL DEPTH: 6 ft bgs. Construction details include: soil vapor sampling tip was connected to 1/8" teflon tubing for sample collection; a shroud was placed over the sealed surface with IPA included as a leak detection compound; IPA was also included beneath the sample connect point. Completion of the soil vapor probes included: removal of teflon tubing followed by removing upper 3 feet of hydrated BenSeal, followed by adding neat cement to complete probe hole.
											8		
											9		
											10		



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TEMPORARY SOIL VAPOR WELL DETAIL
REPORT: SOIL VAPOR INVESTIGATION and SENSITIVE RECEPTOR SURVEY
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, CA
NC-RWQCB Case #1TSR050

PLATE
3

APPENDIX E

Analytical Report for DW-325



Report Date: February 29, 2016

Laboratory Report

David Bush
Environmental Geology Services
6169 Amie Drive
Windsor, CA 95492

Project Name: **325 Yolanda Ave.** **451.0711**
Lab Project Number: **6022901**

This 7 page report of analytical data has been reviewed and approved for release.

Mark A. Valentini, Ph.D.

Laboratory Director



Volatile Hydrocarbons by GC/MS

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
6022901-01	DW-325	Gasoline	ND	50
		Dichlorodifluoromethane (F-12)	ND	1.0
		Chloromethane	ND	1.0
		Vinyl chloride	ND	1.0
		Chloroethane (CE)	ND	1.0
		Bromomethane	ND	1.0
		Trichlorofluoromethane (F-11)	ND	1.0
		Trichlorotrifluoroethane (F-113)	ND	1.0
		1,1-Dichloroethene (1,1-DCE)	ND	1.0
		Methylene chloride	ND	1.0
		trans-1,2-Dichloroethene	ND	1.0
		1,1-Dichloroethane (1,1-DCA)	ND	1.0
		cis-1,2-Dichloroethene (c1,2-DCE)	ND	1.0
		2,2-Dichloropropane	ND	1.0
		Chloroform (THM1)	ND	1.0
		Bromochloromethane	ND	1.0
		1,1,1-Trichloroethane (TCA)	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,1-Dichloropropene	ND	1.0
		Carbon tetrachloride	ND	1.0
		Benzene	ND	1.0
		Trichloroethene (TCE)	ND	1.0
		1,2-Dichloropropane (DCP)	ND	1.0
		Dibromomethane	ND	1.0
		Bromodichloromethane (THM2)	ND	1.0
		cis-1,3-Dichloropropene	ND	1.0
		Toluene	ND	1.0
		1,1,2-Trichloroethane	ND	1.0
		1,3-Dichloropropane	ND	1.0
		Dibromochloromethane (THM3)	ND	1.0
		Tetrachloroethene (PCE)	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		Chlorobenzene	ND	1.0
		1,1,1,2-Tetrachloroethane	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		Styrene	ND	1.0
		o-Xylene	ND	1.0
		Bromoform (THM4)	ND	1.0
		1,1,2,2-Tetrachloroethane	ND	1.0
		Isopropylbenzene	ND	1.0
		1,2,3-Trichloropropane	ND	1.0
		Bromobenzene	ND	1.0
		n-Propyl Benzene	ND	1.0
		2-Chlorotoluene	ND	1.0
		4-Chlorotoluene	ND	1.0
		1,3,5-Trimethylbenzene	ND	1.0
		tert-Butylbenzene	ND	1.0
		1,2,4-Trimethylbenzene	ND	1.0



Volatile Hydrocarbons by GC/MS

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
6022901-01	DW-325	sec-Butylbenzene	ND	1.0
		1,3-Dichlorobenzene	ND	1.0
		1,4-Dichlorobenzene	ND	1.0
		1,2-Dichlorobenzene	ND	1.0
		p-Isopropyltoluene	ND	1.0
		n-Butylbenzene	ND	1.0
		1,2-Dibromo-3-chloropropane	ND	1.0
		1,2,4-Trichlorobenzene	ND	1.0
		Naphthalene	ND	1.0
		Hexachlorobutadiene	ND	1.0
		1,2,3-Trichlorobenzene	ND	1.0
		Tertiary Butyl Alcohol (TBA)	ND	12
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0
Surrogates	Result (µg/L)	% Recovery	Acceptance Range (%)	
Dibromofluoromethane	21.7	108	70-130	
Toluene-d8	21.2	106	70-130	
4-Bromofluorobenzene	19.1	96	70-130	

Date Sampled:	02/29/16	Date Analyzed:	02/29/16	QC Batch: B015483
Date Received:	02/29/16	Method:	EPA 8260B	



Quality Assurance Report

Volatile Hydrocarbons by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B015483 - EPA 5030 GC/MS

Blank (B015483-BLK1)

Prepared & Analyzed: 02/22/16

Dichlorodifluoromethane (F-12)	ND	1.0	µg/L
Chloromethane	ND	1.0	µg/L
Vinyl chloride	ND	1.0	µg/L
Chloroethane (CE)	ND	1.0	µg/L
Bromomethane	ND	1.0	µg/L
Trichlorofluoromethane (F-11)	ND	1.0	µg/L
Trichlorotrifluoroethane (F-113)	ND	1.0	µg/L
1,1-Dichloroethene (1,1-DCE)	ND	1.0	µg/L
Methylene chloride	ND	1.0	µg/L
trans-1,2-Dichloroethene	ND	1.0	µg/L
1,1-Dichloroethane (1,1-DCA)	ND	1.0	µg/L
cis-1,2-Dichloroethene (c1,2-DCE)	ND	1.0	µg/L
2,2-Dichloropropane	ND	1.0	µg/L
Chloroform (THM1)	ND	1.0	µg/L
Bromochloromethane	ND	1.0	µg/L
1,1,1-Trichloroethane (TCA)	ND	1.0	µg/L
1,2-Dichloroethane (EDC)	ND	1.0	µg/L
1,1-Dichloropropene	ND	1.0	µg/L
Carbon tetrachloride	ND	1.0	µg/L
Benzene	ND	1.0	µg/L
Trichloroethene (TCE)	ND	1.0	µg/L
1,2-Dichloropropane (DCP)	ND	1.0	µg/L
Dibromomethane	ND	1.0	µg/L
Bromodichloromethane (THM2)	ND	1.0	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	1.0	µg/L
1,3-Dichloropropane	ND	1.0	µg/L
Dibromochloromethane (THM3)	ND	1.0	µg/L
Tetrachloroethene (PCE)	ND	1.0	µg/L
1,2-Dibromoethane (EDB)	ND	1.0	µg/L
Chlorobenzene	ND	1.0	µg/L
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L
Ethylbenzene	ND	1.0	µg/L
m,p-Xylene	ND	1.0	µg/L
Styrene	ND	1.0	µg/L
o-Xylene	ND	1.0	µg/L
Bromoform (THM4)	ND	1.0	µg/L
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L
Isopropylbenzene	ND	1.0	µg/L
1,2,3-Trichloropropane	ND	1.0	µg/L



Volatile Hydrocarbons by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B015483 - EPA 5030 GC/MS

Blank (B015483-BLK1)

Prepared & Analyzed: 02/22/16

Bromobenzene	ND	1.0	µg/L							
n-Propyl Benzene	ND	1.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
p-Isopropyltoluene	ND	1.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
Naphthalene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	1.0	µg/L							
Tertiary Butyl Alcohol (TBA)	ND	12	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Di-isopropyl Ether (DIPE)	ND	1.0	µg/L							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	µg/L							
Tert-Amyl Methyl Ether (TAME)	ND	1.0	µg/L							

<i>Surrogate: Dibromofluoromethane</i>	20.0	µg/L	20.0	100	70-130
<i>Surrogate: Toluene-d8</i>	19.8	µg/L	20.0	99	70-130
<i>Surrogate: 4-Bromofluorobenzene</i>	18.5	µg/L	20.0	93	70-130

Matrix Spike (B015483-MS1)

Source: 6021915-01

Prepared & Analyzed: 02/22/16

1,1-Dichloroethene (1,1-DCE)	25.4	1.0	µg/L	25.0	ND	102	70-130
Benzene	25.8	1.0	µg/L	25.0	ND	103	70-130
Trichloroethene (TCE)	25.5	1.0	µg/L	25.0	ND	102	70-130
Toluene	28.8	1.0	µg/L	25.0	ND	115	70-130
Chlorobenzene	24.7	1.0	µg/L	25.0	ND	99	70-130

<i>Surrogate: Dibromofluoromethane</i>	19.4	µg/L	20.0	97	70-130
<i>Surrogate: Toluene-d8</i>	18.5	µg/L	20.0	92	70-130
<i>Surrogate: 4-Bromofluorobenzene</i>	18.4	µg/L	20.0	92	70-130



Volatile Hydrocarbons by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B015483 - EPA 5030 GC/MS										
Matrix Spike Dup (B015483-MSD1)										
		Source: 6021915-01			Prepared & Analyzed: 02/22/16					
1,1-Dichloroethene (1,1-DCE)	24.5	1.0	µg/L	25.0	ND	98	70-130	4	20	
Benzene	25.9	1.0	µg/L	25.0	ND	103	70-130	0.2	20	
Trichloroethene (TCE)	25.6	1.0	µg/L	25.0	ND	102	70-130	0.3	20	
Toluene	28.2	1.0	µg/L	25.0	ND	113	70-130	2	20	
Chlorobenzene	24.8	1.0	µg/L	25.0	ND	99	70-130	0.4	20	
<i>Surrogate: Dibromofluoromethane</i>	<i>19.6</i>		<i>µg/L</i>	<i>20.0</i>		<i>98</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>18.7</i>		<i>µg/L</i>	<i>20.0</i>		<i>93</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>18.0</i>		<i>µg/L</i>	<i>20.0</i>		<i>90</i>	<i>70-130</i>			



Notes and Definitions

RDL	Reporting Detection Limit
ND	Analyte NOT DETECTED at or above the reporting detection limit (RDL)
RPD	Relative Percent Difference
NR	Not Reported

APPENDIX F

MW-1 and MW-2 Well Destruct Document



November 3, 2008

Mr. Larry Hulsman
Hulsman Transportation, Inc.
P.O. Box 423
Santa Rosa, CA 95402

**Subject: Summary of Well Destruction Activities
Groundwater Monitoring Wells MW-1 and MW-2
Hulsman Transportation, Inc.
325 Yolanda Avenue, Santa Rosa, California
CRWQCB Case No. ITSR050**

Dear Mr. Hulsman,

ECON has prepared this report summarizing the destruction of two monitoring wells (MW-1 and MW-2) at the Hulsman Transportation property at 325 Yolanda Avenue in Santa Rosa, California (Plate 1). The monitoring wells were destroyed in accordance with Sonoma County Environmental Health Department (SCEHD) specifications and ECON's work plan dated October 12, 2004.

WELL DESTRUCTION ACTIVITIES

In 2004, a well destruction permit application, work plan and a project-specific health and safety plan were submitted to the SCEHD. The County issued Clear Heart Drilling permit #4477. However, the wells heads were buried and unable to be located until 2008. The SCEHD reissued the permit under #SR007854. A copy of the originally approved SCEHD permit is attached.

On August 14, 2008, Clear Heart Drilling of Santa Rosa, California, (Licenses A, B, C-57 #780357) destroyed two monitoring wells (MW-1 and MW-2) by overdrilling the entire well casing and sand pack. The borings were grouted to surface grade with 5% bentonite/cement slurry in accordance with Sonoma County water well destruction requirements. The grouted borings were covered with existing surface finish (gravel). The attached Plate 1 shows locations of the destroyed wells.

WASTE DISPOSAL

Soil cuttings and waste well construction materials were stored onsite in State of California DOT approved 55 gallon drums pending receipt of analytical results (attached). Target analytes were not detected so the soil was reused on site. Well casing was disposed of as construction debris.

Well Destruction Report
325 Yolanda Avenue, Santa Rosa
November 3, 2008

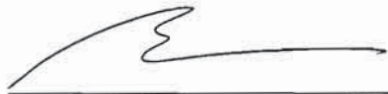
LIMITATIONS

ECON performed the scope of work in a manner consistent with the standards of care and skill normally exercised by members of the profession practicing under similar conditions in the geographic vicinity and at the time the services were performed. No warranty or guarantee expressed or implied is part of the services offered in this report.

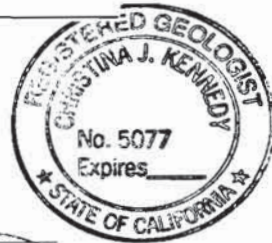
If you require further information, please feel free to call me at 707-823-2324.

Sincerely,

ECON,



Andrew S. Rodgers
Project Manager



Christina J. Kennedy R.G.

cc: Ms. Leslye Choate, Sonoma County Environmental Health Department
Ms. Joan Fleck, California Regional Water Quality Control Board

Attachments: Plate 1 – Site Plan
Well Destruction Permit
Laboratory Analytical Reports



1 inch equals 80 feet

- Destroyed Well
- Existing Well



Well Location Map
325 Yolanda Avenue
Santa Rosa, California

Plate
1

November 2008

COUNTY OF SAN JOAQUIN — DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION
3273 Alameda Blvd., Suite B, Santa Rosa, CA 95403-2067
(707) 545-6655 www.sojcqa-county.org

For Office Use Only

Amount paid \$922.00
Receipt number 0718
Payment date 10/13/04
Revenue code 143

APPLICATION FOR MONITORING WELL PERMIT
for Regional Board Lead/Environmental Assessment

Site ID # 35 Permit # MW-4476 Destruct-4477

Well type: Monitoring well Recovery extraction well Boring Injection well
 Soil gas survey Hydropunch Air sparging/venting Other _____

Well depth 3-25/1-45 Boring depth _____ Hydro depth _____ Air sparging/venting depth _____

On-site well/boring 4 ID # MW-1525, 25, 30 # Off-site well/boring _____ ID # _____

Submit legal right-of-entry/off-site well address/encroachment permit

On-site Address 325 YUKONA AVE SANTA ROSA CA

On-site Owner LANE HUMAN Phone _____

Address 325 YUKONA AVE SANTA ROSA CA AP# _____

Responsible Party LANE HUMAN Phone _____

Address 325 YUKONA AVE SANTA ROSA CA

Consultant EPRI Phone 707-769-0202

Address 305 PENALUMA PL SANTA ROSA CA License #/Type _____

Drilling Contractor Clear West Drilling, Inc. Phone 707-568-6075

Address 713 W. COLLEGE AVE SANTA ROSA, CA C-57 License # 780357

Type of work: Initial investigation # Wells Subsequent investigation 95401 # Wells Destruct 3 # Wells

Groundwater investigation due to: Underground tank Surface impoundment Assessment

Surface disposal practice—specify involved industry _____

Other _____

Perforated intervals 30-25, 10-30-40 Chemical constituents TRICIS BENTHINE

Disposal method for soil cuttings _____ Disposal method for development water _____

Drilling method Auger Method of drill equip. rinse containment _____

If destroying a well, abandonment method _____

Submit plot plan of wells in relation to all sewer or septic lines.

Is well to be constructed within: 100 feet of a septic tank or leachfield? Yes No

50 feet of any sanitary sewer line? Yes No

25 feet of any private sanitary sewer line? Yes No

In addition, all monitoring wells must include identification system affixed to interior surface:

1) Well identification 2) Well type 3) Well depth 4) Well casing diameter 5) Perforated intervals

10/13/04

Well identification number and well type shall be affixed to the exterior surface security structure.

RWQCB approval Jean Elck Viala

Date 11/04/04

001343D
WELL PER 612.00
001343D
WELL PER 612.00
TITLE 1 224.00
CHECK 224.00
CHANGE 0.00
0688 12 10/04

Address 325 Yukonda
Santa Rosa
 Site ID# 35
 Permit # MW 4476
Destruct 4477

WORKERS COMPENSATION CERTIFICATE

I hereby agree to comply with all laws and regulations of the County of Sonoma and State of California pertaining to water well construction. I will telephone (707) 525-6565, 24 hours in advance, to notify the Environmental Health Specialist when completing or destroying a well. I will furnish the Director of Health Services and the owner a legible copy of the State Water Well Driller's Report within 15 days in order to obtain final approval on this well. I acknowledge that the application will become a permit only after site approval and payment of fee. I understand that this permit is not transferable and expires one year from date of issuance.

A currently effective certificate of Workers Compensation insurance coverage is on file with this office, made out in the name of the Sonoma County Department of Health Services.

Signature of Well Driller [Signature] Date 10.12.04
 Signature of Well Owner [Signature]
 Insurance Carrier State Fund Expiration Date 1/1/05

Once all wellborings are installed, submit a "Letter of Completion" to complete permit process.

Indicate on attached plot plan the exact location of well(s) with respect to the following items: property lines, water bodies or water courses drainage system, roads, existing utility sewer main and leachate and private sewage disposal systems or other sources of contamination or pollution. INCLUDE DIRECTIONS. The validity of this permit depends upon the accuracy of the information provided by the applicant.

Conditions of permit: 11

	0013430
	WELL FEE 612.00
	0613430
	WELL FEE 318.00
	TITLE 922.00
	CHECKS 922.00
	CHANGE 8.00
	0718 #2 167.00

10/13/04

FOR OFFICE USE ONLY - ENVIRONMENTAL HEALTH DIVISION

Permit approved by [Signature] Date 11/09/04
 Constr. approved by _____ Observed? Yes No Well # _____ Date 1/1

North Coast Regional Water Quality Control Board

June 26, 2017

Mr. James Hulsman
1914 232nd Place, NE
Sammamish, WA 98074
jhulsman1@frontier.com

Dear Mr. Hulsman:

Subject: **No Further Action**

Site: Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa, CA;
Case No. 1TSR050

This letter confirms the completion of a site investigation and corrective action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

Please contact Jo Bentz of my staff at (707) 576-2838 or Jo.Bentz@waterboards.ca.gov if you have any questions regarding this matter.

Sincerely,

Matthias St. John
Executive Officer

170626_JLB_er_Hulsman_UST_NFA.docx

cc: Santa Rosa Fire Department, Gbuckheit@srcity.org
Mr. John Calomiris, Edd Clark & Associates, JohnC@eddclarkandassociates.com
Mr. David Bush, EGS, dbush@egsconsultants.com
Ms. Leslye Choate, Sonoma County Environmental Health Division,
leslye.choate@sonoma-county.org
Mr. Paul Hulsman, phulsman@yahoo.com
Mr. Jerry Swift, cswift8140@yahoo.com

North Coast Regional Water Quality Control Board

Interoffice Communication

To: Craig Hunt

From: Jo Bentz

Date: January 10, 2017

Subject: **No Further Action Recommendation**

Site: Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa
Case No- 1TSR050

Site Description-

The Hulsman site consists of one parcel approximately 5.46 acres in size which is zoned for “general commercial” development. The site is located within a mixed commercial, industrial, and residential land use setting in south-west Santa Rosa. The site has been used as a truck storage and truck repair facility since approximately 1940. The site is generally level and most of the site is unpaved.

Hulsman Transportation is an operating transportation company and large trucks are stored on the property. A warehouse is located on the property near Yolanda Avenue and several smaller buildings and sheds are scattered throughout. A domestic water supply well, which is the sole source of water for the property, is located at the eastern property boundary.

According to recent discussion with the property owners (Jim and Paul Hulsman), the site is likely to be redeveloped into a commercial development.

Site History-

This site formerly contained three USTs, two diesel USTs in the south-east portion of the site and one gasoline UST on the site’s south central boundary adjacent to Yolanda Avenue. Remaining contamination at the site is associated with the former gasoline UST. However, site closure includes evaluation of releases from the three USTs.

The 500-gallon gasoline UST was removed in 1982. No soil was removed at the time of tank removal. Reportedly, however, the gas tank area was reopened and over-excavated in 1990 to a depth of 5 feet, tapering down to a depth of 13 feet, resulting in the removal of approximately 175 cubic yards of soil. Soil samples collected at the bottom of the

excavation showed that a release of TPH-gasoline and BTEX chemicals had occurred. The tank pit area was backfilled with clean material.

Two diesel USTs, consisting of one 4,000 gallon tank and one 8,000 gallon tank, were removed on October 4, 1988. Initial soil samples showed soil was contaminated with 60 to 3,100 ppm TPH-diesel. Due to the soil contamination, the diesel tank area was over-excavated to a depth of 14 to 16 feet. Soil samples were collected after excavation and tested for TPH-motor oil, TPH-diesel, and BTEX. Results of confirmation soil samples collected after over-excavation were non-detect. However, since a release from the tanks was documented, a groundwater investigation was required.

MW-1 and MW-2 were installed in 1988 and 1990, respectively, next to the diesel USTs. The well screen length for MW-1 extended from 24-46.5 ft bgs and MW-2 extended from 25.3 to 45.3 ft bgs. Groundwater from MW-1 and MW-2 was tested in 1989/1990, 1996, and 2001. Although initially, BTEX was reported in the groundwater, subsequent testing of the wells did not show the presence of petroleum hydrocarbons, including BTEX. In addition, the on-site domestic well was tested and no contamination was found.

During investigation of the Malm Metal UST Spill site (2640 Santa Rosa Avenue), a domestic well located at 316 Yolanda Avenue, located across the street from the Hulsman site, was found to be impacted with gasoline. The source of the gasoline was suspected to be the Malm Metal site, but the domestic well was located 150 feet southwest of the Hulsman gasoline UST.

In 1992, MW-3 was installed next to the gasoline tank UST. Additional investigation was required after gas and BTEX chemicals were detected in groundwater from MW-3.

Temporary soil borings and additional groundwater monitoring wells were installed at the site between 1998 and 2004. Original shallow monitoring well MW-3 was abandoned and one deeper (MW-3d) and four new shallow monitoring wells (MW-1s through MW-3s, and MW-4) were installed. Further investigation indicated that the Hulsman TPH-gas/BTEX plume extended southwest under Yolanda Avenue. Eventually, groundwater monitoring wells B-15, B-16, B-17 and B-27, located in Yolanda Avenue and originally installed for the Malm Metal UST Spill site, were monitored by the Hulsman site in order to define the downgradient extent of their TPH-gas/BTEX plume.

Groundwater-

Gasoline and benzene are the main constituents of concern in groundwater at the site. MTBE is detected infrequently and at low levels. Shallow groundwater monitoring shows that the Malm Metal UST Spill and Hulsman gas/BTEX plumes are co-mingled under Yolanda Avenue. The shallow groundwater gradient at the site is variable, but generally flows "away from a high point (at B-28) in a northeast to southwest direction" (EGS, June 26, 2014).

The highest levels of TPH-Gas/BTEX in the Hulsman plume are in shallow groundwater located on the southern border of the site in the UST source area next to Yolanda Avenue.

During the most recent monitoring event, in March/April 2015, the highest concentration of TPH-g was 6,300 ppb in MW-3s and the highest concentration of benzene was 540 ppb in B-15.

Since 2012, deeper groundwater from monitoring well MW-3d, screened from 30-35 feet bgs and located in the gasoline UST source area, contains around 200 ppb TPH-gasoline and low levels of BTEX and MTBE.

Free product has not been observed in any of the monitoring wells. The Hulsman plume appears to be stable and defined, although its downgradient margin is likely comingled with the Malm UST plume under Yolanda Avenue southwest of the Hulsman site.

Remediation-

As described above, the UST systems were removed and impacted soil was overexcavated in the area of the diesel and gasoline USTs.

In 2013, 10 air sparge wells were installed along the southern border of the property to remediate groundwater in the area of the gasoline UST. Eight shallow and two deeper wells were installed to depths of 27 and 40 feet bgs, respectively. Although the system was originally proposed to inject ozone, ozone was never used, based on bench test results.

The air sparging system began operating in March 2014 and was turned off during the fall of 2014. Rebound monitoring was conducted in April 2015. Although, concentrations of COCs declined during sparging operation, the April monitoring results indicate levels of petroleum hydrocarbons in groundwater rebounded to concentrations detected prior to treatment.

Sensitive Receptors-

Several sensitive receptor surveys were conducted for adjacent sites (Malm Fireplaces and Malm Metals UST Spill) and numerous domestic wells were identified in the area. Many of the identified domestic wells have reportedly been destroyed as part of the investigation of the Malm Fireplaces and Malm Metals UST Spill sites. Reportedly, 7 domestic wells were destroyed south and east of the Malm Metal UST Spill site in 2000 and 2005 and 6 domestic wells located on Yolanda Avenue were destroyed as part of the Malm Fireplace investigation.

An updated sensitive receptor was completed for the Hulsman site in 2016. EGS' November 25, 2016 SRS reports the existence of three active domestic wells within 500 feet of the Hulsman plume boundary. These include the Hulsman on-site well (325 Yolanda Avenue) and two wells north of the plume located at 2612 and 2620 Santa Rosa Avenue.

Groundwater collected from the Hulsman on-site domestic well has been tested four times between 1989 and 2016. The results indicate that site contaminants have not impacted the well.

The two domestic wells identified on Santa Rosa Avenue are upgradient of the Hulsman plume. Testing of shallow groundwater from intervening groundwater monitoring wells, MW-4 for the Hulsman site and B-25 for the Malm Metal UST site, which are located between the UST source areas and the domestic wells, show non-detect to very low level concentrations of hydrocarbons since groundwater monitoring began in 2004 (MW-4) and 2001 (B-25). Therefore, based on the groundwater monitoring data, the three active wells identified within 500 feet of the Hulsman site do not appear to be vulnerable to migration of the co-mingled Hulsman and Malm Metal groundwater plume under Yolanda Avenue.

EGS reports that residents and businesses in the area, with the exception of the Hulsman property, are served by City of Santa Rosa municipal supply. No surface water bodies or other sensitive receptors (day cares, schools) were identified within 1,000 feet of the site.

Evaluation of the Site under the LTCP-

General Criteria-

The site meets the general criteria of the LTCP.

Groundwater Specific Criteria-

The site does not strictly meet groundwater-specific criteria 1 through 4 due to the presence of an onsite domestic water supply well located less than 250 feet from the plume boundary. However, based on groundwater monitoring and the results of EGS' November 2016 SRS, it appears that the Hulsman groundwater plume, which is relatively stable and defined and mainly underlies Yolanda Avenue, does not pose a threat to existing domestic wells. In addition, the plume is expected to decline in size and concentration over time. Therefore, staff has determined that this site meets groundwater specific criteria 5 of the LTCP.

Petroleum Vapor Intrusion to Indoor Air-

A site specific vapor intrusion investigation was completed at the site in August 2016. The area targeted for investigation was the UST source area and gasoline BTEX plume. Although benzene was detected in soil vapor at levels ranging from 35 to 57 ug/m³ (the residential screening level for benzene is 48.5 ug/m³), the soil gas results meet criteria b., Scenario 4 (1 of 2) and (2 of 2) of the LTCP.

Direct Contact and Outdoor Air Exposure-

Staff reviewed the available boring logs for evidence of hydrocarbon impacts at depths to 10 feet. There is evidence of hydrocarbon odor at 15 feet below ground surface (bgs) in MW-3, 16 feet bgs in RW-7, and 12 to 20 feet bgs in RW-6 (all depths were below the water table). Staff also reviewed soil results from 0 to 10 feet bgs in EGS's March 3, 2016 site evaluation for case closure report, Table 5, "Historical Summary of Analytical Results for (Hulsman) Site Soil Samples". Based on our review, staff determined that the site meets the direct contact and outdoor air exposure criteria 3 (a). However, due to the large size of the property, the absence of soil sampling outside of source areas, and the long term use of the property as a trucking storage and repair facility, we recommend that a soil and groundwater management plan be prepared prior to site closure for implementation during site redevelopment.

Recommendations-

Staff recommends that this site be closed under the LTCP. Prior to our concurrence with site closure, however, I recommend submittal of a soil and groundwater management plan to be used during redevelopment of the site.



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**Revised Soil & Groundwater Management Plan
and Health and Safety Plan**
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NCRWQCB Site #1TSR050

Prepared for:

Hulsman Transportation
Mr. Paul Hulsman
P.O. Box 423
Santa Rosa, CA 95402

Prepared by:

Environmental Geology Services
6169 Amie Drive
Windsor, CA 95492

David L. Bush, PG 8989
Principal Geologist



May 12, 2017
Project No. 451.0711

**Revised Soil & Groundwater Management Plan
 and Health and Safety Plan**
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NCRWQCB Site #1TSR050

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- Plate 1: Site Location Map
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- Plate 3: Previous Investigation Areas

Appendix A: Site-Specific Health and Safety Plan (HASP)

Distribution: PDF Version Only:

Ms. Jo Bentz, NC-RWQCB, jo.bentz@wateboards.ca.gov
 Mr. Jim Hulsman, RP, jhulsman1@frontier.com
 Mr. Paul Hulsman, RP, phulsman@yahoo.com
 State Geotracker Database

INTRODUCTION

Name of Project Site (Site):	Hulsman Transportation
Site Address:	325 Yolanda Avenue, Santa Rosa, CA
NCRWQCB Case #:	1TSR050
Chemicals of Concern (COCs):	Petroleum hydrocarbons: TPH-D/MO/G/BTEX Metals: Lead
Area of Potential Residual Impact:	Sonoma County APN 044-071-002

Environmental Geology Services (EGS) has prepared this Revised Soil & Groundwater Management Plan (SGMP) for the referenced site (Plate 1, Site Location Map) in accordance with the directives set forth in the NCRWQCB letter dated May 13, 2016, as well as their March 2, 2017 e-mailed comments.

Therefore, as based on this directive by the NCRWQCB, and to continue to move this site toward final case closure, EGS has prepared this SGMP which includes a Health and Safety Plan (HASP).

BACKGROUND

Site and Vicinity Description

The site is located on the north side of Yolanda Avenue, approximately 300 feet east of Santa Rosa Avenue in the southern portion of Santa Rosa, California (Plate 1, Site Location Map). The site has been owned by the Hulsman family since the 1940's, and has been operated by Hulsman Transportation (RP) since that time. The site has historically been used as a trucking and transportation company and more recently has been used for various construction related contractors for storage. The primary building was constructed on the property in approximately 1947. The site consists of Sonoma County APN 044-071-002, which totals 5.82 +/- acres (Plate 2, Site Map).

The site is zoned as CG (General Commercial) by the City of Santa Rosa, and has been nearly developed by both The Home Depot and Lowe's stores over the past 10 years. The site is located in an area of Santa Rosa that is mixed use commercial and industrial. However, there are a few intermixed residences as well.

UST Removals at the Site

- ▶ 500-gallon gasoline UST (*PRIMARY SOURCE*), removed in 1982 (current investigation focus, Plate 2)
- ▶ 4,000-gallon and 8,000-gallon diesel UST's, removed in 1988 (Plate 2)
- ▶ 175 cubic yards of soil (*SECONDARY SOURCE*) over-excavated in the area of former 500-gallon UST - 1991

The areas of the former UST's and subsequent investigations are presented on Plates 2 and 3 attached to this SGMP.

Groundwater Supply Well

An active domestic groundwater supply well is located on the property as shown on Plate 3. The NC-RWQCB is not requiring destruction of the well as part of the UST case closure. However, during re-development of the property, if the well will be retained for site use, measures to protect the domestic well should be employed during construction. Should the future owner/developer decide to abandon the supply well, it must be completed under permit from the Sonoma County PRMD.

SOIL & GROUNDWATER MANAGEMENT PLAN

Project Management, Owner/Developer and Regulatory Consultation

EGS has reviewed previously collected data at the site, the project history and available background concentrations of related contaminants of concern to develop site specific objectives and cleanup goals included in this SGMP. In addition we developed the procedures and controls to be used during the work as described in subsequent sections of this document.

EGS will submit this SGMP to the NCRWQCB to be incorporated into their case closure summaries upon review and comments from the potential buyer.

This SGMP is issued with the understanding that the contents will be followed with the intent of protecting nearby human health and the environment, to provide guidance to the current or future property Owner(s)/Developer(s) in the event redevelopment or improvements of the site that require excavation or disturbance of soils and/or management of encountered

groundwater, or if materials (i.e. drums, UST's, piping, etc.), soils or groundwater are exposed that are suspected to be contaminated, and for proper identification, management, handling and disposal of excavated soils, exposed materials, or encountered groundwater.

EGS will revise this SGMP or prepare an Addendum to satisfy regulatory comments as needed. We have also prepared a Site Health & Safety Plan (HASP) which is attached to this SGMP in Appendix A. EGS will work closely with the Owner, potential buyer/developer and regulatory agencies to assist with the implementation of this SGMP, if needed.

Responsibility

The property Owner and/or Developer will be charged with responsibility of implementing this SGMP. The Owner/Developer will retain the services of a qualified and trained individual (Environmental Professional, EP). Additionally, during the implementation of the SGMP, a qualified Site Health & Safety Officer (HSO), will direct the implementation of the SGMP. The EP/HSO may be the same person

The HSO will work directly with the EP (or may be the same individual) and will be present onsite, *as needed*, to ensure the proper identification, management, characterization, and disposal (or onsite reuse) of potentially contaminated soil and groundwater during SGMP implementation.

Regulatory Notification and Inspection

Prior to implementing the SGMP, all proposed development plans shall be submitted to the regulatory agencies listed below. If soils or shallow groundwater is encountered within the site that is suspected of containing residual petroleum contamination that require additional remediation, or if potentially hazardous materials such as drums, UST's, or piping are discovered the EP will be notified. If the EP confirms that the soils or groundwater are contaminated, or if hazardous materials are identified, the work shall be temporarily ceased in that location and the following regulatory agencies will be notified:

- Santa Rosa Fire Department, 707-543-3542
- North Coast Regional Water Quality Control Board, 707-576-2220

The Santa Rosa Fire Department (SRFD) is the primary agency responsible for overseeing the proper implementation of the SGMP during site redevelopment. The NC-RWQCB works with the SRFD to oversee implementation of the SGMP.

Regulatory agencies will be notified at least one week prior to beginning the grading process and soil disturbance work, and at least 48 hours prior to sampling of soil stockpiles and/or excavation/trench confirmation sampling.

Site Meeting

Prior to starting the construction activities, an onsite meeting shall be held with the property Owner/Developer, contractors, the EP and HSO to discuss the SGMP and implementation objectives. Involved regulatory agencies (SRFD and NC-RWQCB) shall be invited to this meeting. A copy of the SGMP shall be provided to the construction supervisors and a copy of the SGMP shall be kept onsite during all phases of redevelopment.

SGMP Implementation, Procedures and Controls

If the Owner(s) or Developer(s) conducts redevelopment or improvements of the site that requires disturbance (i.e. grading) or excavation/trenching of soils at the site, or exposes hazardous materials (i.e. drums, UST's, piping, etc.), soils or shallow groundwater that are suspected to be contaminated or may otherwise require special inspection and handling, the Owner/Developer should contact the EP/HSO.

A field inspection during the subsurface work should be completed by the EP and/or HSO in an effort to identify soils or groundwater, or other encountered materials, that contain potential residual contamination from past site activities. If it is apparent that residual contamination is present in exposed soils and groundwater, then the soils and groundwater will require proper analytical identification, management and containment.

The suspected impacted soils will be stockpiled and sampled by a qualified and trained individual to determine if the material may be reused onsite, or if off haul and disposal is required. Special profiling and acceptance to a facility that accepts the waste, and appropriate handling and disposal under manifest will be completed if the Owner/Developer choose to dispose of the generated material, based on sampling and analytical results. All soils excavated or produced during trenching must be tested prior to being placed back into the excavation or trench per NC-RWQCB directives.

It will be the responsibility of the Environmental Professional and/or HSO to notify the regulatory agencies during the work, based on their observations during the implementation of the SGMP. The following procedures and controls are included in this SGMP for use by the Owner/Developer of the subject site during redevelopment work. It is recommended that the following will be completed during the work, and EGS will be available to assist the property Owner/Developer during the work.

SGMP Objectives

The objective of this SGMP is to provide guidance to the Owner(s) or Developer(s) in the event redevelopment or improvements of the site area that require disturbance or excavation of soils, or if groundwater is encountered during site redevelopment work, or if materials or soils that are suspected to be contaminated or may otherwise require special inspection and handling are exposed during site redevelopment work. Examples of this might be exposure of a pocket of soils with hydrocarbon or chemical odors and / or are unusually stained, exposure of a buried drum, tank or piping, etc., or if soils are excavated and shallow groundwater is encountered. Based on the results of the UST investigation and clean up, we believe the potential for such encounters is low since impacted soils and groundwater appear to be at depth beneath the site (18-20 feet bgs and greater), and primarily located on the southwest margin of the property and beneath Yolanda Avenue (Plates 2 and 3).

If obviously contaminated soil or groundwater, with odors, PID readings and/or soil staining are observed during the site work, the contractors shall notify the EP/HSO, who will notify the regulatory agencies if deemed to be required. The regulatory agencies will respond within 48 hours to their being notified, and it will be determined if additional investigation, sampling, and/or excavation is required. Soil sampling and additional excavation, if needed, shall occur as describe din this SGMP, or as otherwise directed by regulatory agency personnel onsite.

Implementation of the SGMP will incorporate the following procedures and controls during the work at the site to minimize exposure of potential residual contaminants, properly identify, manage, handle and dispose of impacted materials, soils and groundwater to protect human health and the environment:

- 1) Soils disturbed or excavated as part of a potential redevelopment or improvement to the site may contain residual contaminants, although concentrations of these residual contaminants will likely be very low. It is expected that the site will be a balanced development, and it is expected that a limited amount of soil will require off hauling. However, such soils will require proper management, handling, profiling, acceptance, hauling, and disposal based on analytical results and landfill acceptance *if residual contamination is identified*. All excavated or trenched soil must be analyzed prior to being placed back into the excavation or trench.

- 2) If shallow groundwater is encountered as part of a potential redevelopment or improvement at the site, it may contain residual contaminants, although concentrations of these residual contaminants will likely be very low. However,

encountered shallow groundwater will require proper temporary containment, sampling, management, handling, profiling, acceptance, hauling, and disposal based on analytical results and facility acceptance *if residual contamination is identified*.

3) Minimize exposure to dust for construction workers, nearby residences and business operations, and passers-by near the site to minimize inhalation, dermal absorption, and ingestion.

4) Traffic control measures, including loading and hauling routes, during potential excavation work at the site.

5) Secure excavation and work area, if needed, until backfilling has been completed.

6) Notify construction crews to be on the alert for soils with possible chemical or petroleum odors, and / or tanks, pipes or other materials that may require special inspection and handling, as well as if shallow groundwater is identified.

7) If such conditions are encountered, the Owner/Developer should notify EGS or other EP/HSO immediately for site inspection and consultation on how to proceed in accordance with the SGMP.

Soil Cleanup Goals

With regard to clean up goals, this SGMP focuses on potential excavated soil and groundwater waste identification, management, handling and re-use or proper disposal. Since residual contamination has been encountered in soils and groundwater, at depth, during the UST related investigation on the site (Plates 2 and 3), the NCRWQCB has directed the preparation of this SGMP prior to final case closure.

Therefore, the following cleanup goals for potential contaminants at this site are in accordance with the NC-RWQCB e-mail dated March 2, 2017, and based on the following published regulatory criteria¹: California DTSC June 2016 HERO Note 3, EPA Region 9 May 2016 RSL's, and SFB-RWQCB February 2016 Commercial ESL's.

1

A) DTSC's Human Health Risk (HERO) Note 3, June 2016, <http://www.dtsc.ca.gov/assessingrisk/humanrisk2.cfm>

B) EPA Region 9 Regional Screening Levels (RSL's), May 2016,
<https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables-may-2016>

C) SFB-RWQCB "Environmental Screening Levels, Commercial/Industrial Settings, February 2016,
http://www.swrcb.ca.gov/rwqcb2/water_issues/programs/esl.shtml

If encountered, the following soil cleanup goals for the Constituents of Concern (CoC's) will be used to determine if soils may be reused onsite:

- TPH-Gasoline - 500 mg/kg (ESL)
- TPH-Diesel - 880 mg/kg (ESL)
- TPH-Motor Oil - 32,000 mg/kg (ESL)
- Benzene - 1.4 mg/kg (Note 3)
- Toluene - 5,400 mg/kg (Note 3)
- Ethylbenzene - 25 mg/kg (RSL)
- Xylene - 2,500 mg/kg (RSL)
- Lead 320 mg/kg (Note 3)

The reporting detection limits for the laboratory results in soil shall be as follows:

- TPH-Gasoline - 5.0 mg/kg
- TPH-Diesel - 5.0 mg/kg
- TPH-Motor Oil - 50 mg/kg
- BTEX - 1.0 mg/kg
- Lead - 3.0 mg/kg

This SGMP is produced and submitted with the intent that it is to be a working document that may be revised based additional information from field observations, or as reported to EGS or the NCRWQCB. It should also be noted that landfill facilities, if soil is to be off hauled, will have their own acceptance criteria that may differ from the above.

Soil Management and Sampling

During the redevelopment of the site area, specified in this SGMP (APN 004-071-002, Plate 2), disturbance of near surface soils by grading will likely occur. As indicated in an earlier section of this SGMP, it is currently anticipated that the site will likely balance with respect to the soil use although final development plans are not available at this time. However, if *excess soil* is generated during the site grading, the contractor will stockpile the soils for proper management and sampling for either 1) re-use on the site, or 2) disposal at a landfill facility.

Soils will be screened periodically in the field during the redevelopment work by the site EP/HSO using a PID. Soils will be initially screened with a PID and visual observation, but stockpiled soil to be reused onsite requires analytical testing to confirm.

In general, soils produced during the grading effort will not be screened using a PID *unless*

the EP/HSO is notified by the contractor due to identified possible contamination. Field screening using a PID will be more frequent during trenching or excavation work. When onsite, the EP/HSO shall screen soils with a PID as needed.

Additionally, if contaminated soils are encountered, based on visual inspection and field screening using a PID, the Owner/Developer will be required to contact the EP/HSO who would then notify the regulatory agencies, if needed. If the EP/HSO determines that additional remedial excavation is needed, the work in that area will be temporarily ceased so that regulatory agencies may be notified.

Stockpiled Soil Sampling

If soils are to be re-used on site, stockpiled soils generated during the site work will be sampled at a frequency of one (1) discrete sample for every 40 CY, with at least ten (10) soil samples collected from every stockpile. Per the USEPA, a minimum of ten soil samples for a statistically valid estimate of the 95 percent upper confidence limit of the mean (95UCLM) for risk assessment purposes is required².

The 95UCLM will be calculated for site CoC's using the USEPA statistical software, ProUCL³. The CoC 95UCLM will be calculated and compared to the cleanup goals as presented in an earlier section of this SGMP. Soils that have a 95UCLM value for COC's at or below the cleanup goals may be re-used on the site. Soils that exceed this level will be disposed of properly offsite.

If the contractor decides to simply off-haul excess soils, the soil stockpiles will be sampled at a frequency determined by the landfill facility, which will include a rate of four (4) discrete samples for every 250 CY. All landfill requirements, above what is indicted in this SGMP, will be satisfied if disposal is completed. The discrete soil samples will then be composited by the analytical laboratory at a maximum ratio of 4:1 for analysis of one 4:1 composite sample for every 250 CY for disposal.

Additional analysis maybe required by the landfill after they review the analytical results for acceptance. All waste manifests will be included in the final report. Soil samples will be collected in glass jars achieving zero head space, with the support of a backhoe or other suitable equipment to ensure that representative samples throughout each stockpile are

2

USEPA. 1992. Supplemental Guidance to RAGS: Calculating the Concentration Term. Office of Solid Waste and Emergency Response. Washington, D.C. PB92-963373

3

https://www.epa.gov/sites/production/files/2016-05/documents/proucl_5.1_user-guide.pdf

collected. All soil samples to be analyzed for VOC's will be collected and preserved in the field in accordance with EPA preservation method 5035, in accordance with NC-RWQCB requirements.

Excavation and Trenching Soil Sampling

Excavation and/or trenching is expected to generate soils during the course of the site development. Soil sampling of the excavation or trench soil will be completed to determine if onsite reuse is acceptable. Stockpiled soil produced from excavation or trenching will be sampled in accordance with the previous section of this SGMP. Excavation and trench soils that are suspected to contain residual contamination will be screened in the field using a PID. Any stockpiled soil removed from excavations or trenches on the site will be placed on visqueen sheeting, and covered with the same, until sampling and analysis can be completed, and reuse or disposal is determined.

If residual contamination is suspected or identified during the excavation or trench work, the EP will be notified. If the EP confirms that the soil is contaminated, the work will be temporarily ceased, regulatory agencies will be notified, and additional excavation will then be implemented. After it is determined that additional excavation has removed suspected contamination based on visual, olfactory, and PID field screening, confirmation soil sampling will occur in the presence of a regulatory agency. Confirmation soil samples will be collected from the bottom of an excavation or trench every 50 SF, and from the sidewalls of an excavation or trench every 20 lineal feet.

All soil samples for VOC analysis will be preserved in the field in accordance with EPA preservation method 5035, in accordance with NC-RWQCB requirements. Soil samples for analysis of heavier petroleum related compounds (diesel and motor oil) as well as metals will be collected in glass jars achieving zero head space, with the support of a backhoe or other suitable equipment.

If soils removed from excavations or trenches are determined unsuitable for re-use, then the excavation and trenches will need to be backfilled with clean import material.

Groundwater Management and Sampling

As indicated in the NC-RWQCB's March 2, 2017 e-mail, all groundwater extracted from the site shall be considered contaminated until testing proves otherwise.

If groundwater is encountered during the site work, likely only possible in deeper trenches or possible excavations associated with the site redevelopment, all groundwater that needs

to be removed will be pumped and contained in a frac-tank or similar container until proper sampling and analysis can be performed. If groundwater is encountered in a trench located within the area of known contamination, then trench plugs shall be installed for utility corridors and piping runs. Groundwater contained in a holding tank (frac-tank or baker tank or similar) shall be analyzed for the site CoC's and, based on the analytical results, either 1) be discharged under permit to the City of Santa Rosa sewer system, or 2) hauled offsite and properly disposed under manifest.

In accordance with the comments made by the NC-RWQCB in their e-mail dated March 2, 2017, all groundwater generated from the site during redevelopment, for dewatering of excavations or trenches, for example, shall NOT be discharged to storm drains or surface water conveyances, including drainage ditches, creeks, or culverts.

Storm water will be managed pursuant to the site redevelopment SWPPP

Utility Clearance

Prior to completing any site grading and/or excavation, the site boundaries, as shown on Plate 2, will need to be marked, and Underground Services Alert (USA) will need to be notified of excavation dates to gain utility clearance.

Dust Control and Air Monitoring

During all redevelopment grading and excavation procedures on the site, the operation should incorporate dust control measures. Soils should be continually wetted to control fugitive dust to protect worker safety as well as human health in the nearby area and the environment from potential contaminants contained within the dust.

Traffic Control and Loading Routes

A traffic control plan should be prepared to control traffic along Santa Rosa Ave and Yolanda Avenue during a potential construction project at the site, and the route for waste disposal trucks used during the excavation off haul should be clearly annotated.

Excavation Site Security

After completion, all excavation(s) should be secured to protect human health until the excavation(s) have been backfilled.

Soil and Groundwater Profiling and Disposal

Upon receipt of soil and/or groundwater samples, a waste profile will be completed and the waste accepted by a licensed facility, if this is the decision of the Owner/Developer or if analytical results indicate soils cannot be re-used onsite. The soil and/or groundwater will then be loaded, hauled and disposed under waste manifest to be documented and submitted to the involved regulatory agencies.

Excavation Backfilling and Paving

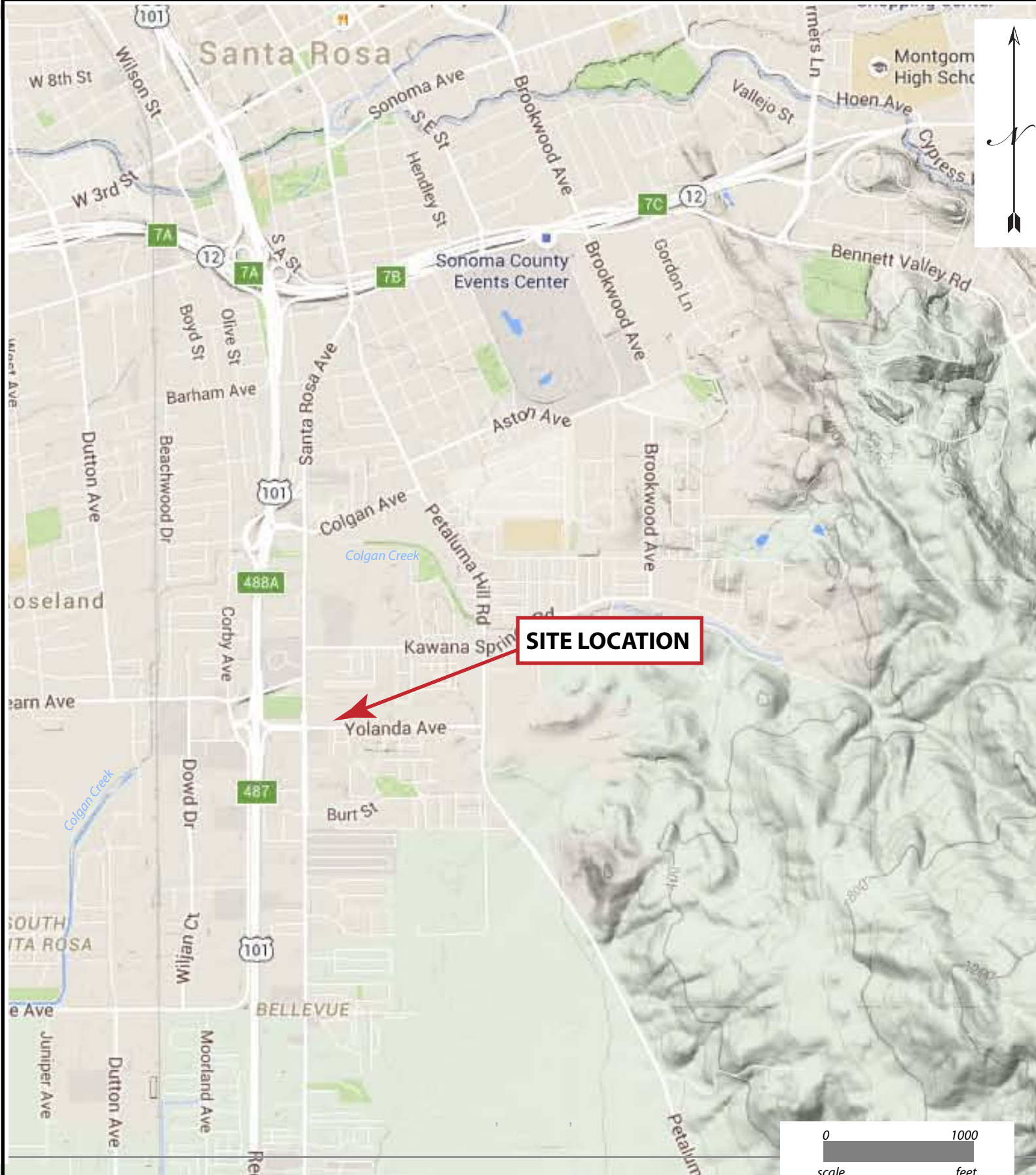
Upon completion of an excavation, it must be backfilled with clean imported soils. EGS recommends compaction in accordance with project engineer's design and in accordance with the Owner(s)/Developer(s) approved and permitted redevelopment plan.

Health and Safety Plan

Attached to this SGMP is the site specific Health and Safety Plan (HASP). The HASP has been prepared to provide site specific information for workers during an excavation process to protect worker safety, human health and the environment. It is recommended that the HASP be reviewed prior to completing the work.

Report Preparation Documenting SGMP Implementation

Upon completion of the SGMP implementation, and following the receipt of the waste disposal manifests, EGS will complete the final report documenting the work. The report may include topics such as a description of field procedures and controls incorporated in accordance with the SGMP, results of additional sampling (if needed), to-scale site map (including additional sample locations, if needed), and documentation of soil off haul and disposal waste manifests. The final report will also include copies of all analytical reports.



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CLIENT: Hulsman
PROJECT: 451.0711
DRAFTED BY: DLB
DATE: MAY 2017

SITE LOCATION MAP
SOIL & GROUNDWATER MANAGEMENT PLAN
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case #1TSR050

PLATE
1



**ENVIRONMENTAL
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CLIENT:
Hulsman
PROJECT:
451.0711
DRAFTED BY:
DLB
DATE:
MAY 2017

SITE AREA - ASSESSOR PARCEL MAP
SOIL & GROUNDWATER MANAGEMENT PLAN

Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case #1TSR050

PLATE

2



Property Boundary

EXISTING SITE BUILDING
325 YOLANDA AVE

DW-325

INVESTIGATION AREAS

FORMER UST's

YOLANDA AVENUE

0 50
scale feet



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O/F: 707-528-0810
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CLIENT: Hulsman
PROJECT: 451.0711
DRAFTED BY: DLB
DATE: MAY 2017

PREVIOUS INVESTIGATION AREAS
SOIL & GROUNDWATER MANAGEMENT PLAN
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case #1TSR050

PLATE
3

APPENDIX A

Site-Specific Health and Safety Plan (HASP)

SITE HEALTH & SAFETY PLAN

GENERAL INFORMATION:

SITE: Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

OWNER: Property Owner: Paul Hulsman
Address: P.O. Box 423
City/State: Santa Rosa, CA 95402
Telephone: 707-479-9023

PLAN PREPARED BY: Environmental Geology Services
6169 Amie Drive
Windsor, CA 95492
707-528-0810

OBJECTIVES: To protect worker safety and the safety of surrounding human health and the environment during shallow soil grading and excavation work at the site specified in the Soil & Groundwater Management Plan.

The objective of the work is to identify, manage, handle, and dispose of potentially impacted soils and/or groundwater if encountered at the site during redevelopment of site improvements in these areas. Excavated soils and shallow groundwater may contain concentrations of residual petroleum hydrocarbons, VOC's and metals. This HASP provides information to protect EGS worker safety during the work, as well as surrounding human health and the environment. Contractors need to have their own HASP, but may use information in this plan, as well as other sources, to develop a plan appropriate to their needs.

PROPOSED DATE OF

SITE WORK: HASP completed and to be implemented in the event work is needed.

DOCUMENTATION/SUMMARY:

Residual concentrations of petroleum hydrocarbon products, VOC's and metals may be present in soils; caution is advised. Site work may include excavation of shallow soils, including possible de-watering of the excavation, followed by and backfilling and paving, and off haul / disposal of excavated soils and removed groundwater.

SITE/WASTE CHARACTERISTICS:

POSSIBLE WASTE TYPES: Residual concentrations of petroleum hydrocarbon products including TPH-D, TPH-G, BTEX, MTBE, VOC's, and metals.

CHARACTERISTICS: Toxic, caution advised

FACILITY DESCRIPTION: Former petroleum UST's

HAZARDOUS EVALUATION:

PARAMETER: Visual and odors

HEALTH: Ingestion, Inhalation, Absorption, preliminary indicators: odors, dizziness, nausea. Move away to fresh air if odors noted.

**SPECIAL PRECAUTIONS
AND COMMENTS**

Correct safety procedures must be followed per HASP. Underground utilities will be identified and marked accordingly. Primary concern is personnel and pedestrian safety related to earth moving equipment.

SITE SAFETY WORK PLAN:

PERIMETER ESTABLISHMENT: Use chain linked fence, barricades, or orange traffic cones to secure work area and identify work area to nearby pedestrian and vehicle traffic flow as needed.

PERSONAL PROTECTION: Level of Protection: Max. EPA Level D
Modifications: Hard Hats, gloves
Surveillance Equipment: PID/FID to be used by the EPO to monitor VOC's
Dust Control: Light water spray during excavation and loading operations

SITE ENTRY PROCEDURES: Control as necessary traffic away from excavation equipment and workers.

DECONTAMINATION PROCEDURES: Personnel: Wash with detergent and water frequently and before food consumption
Equipment: Remove excess soil before leaving site

FIRST AID: First aid kit on site

WORK LIMITATIONS: Utilities to be identified & marked. USA notified at least 48 hours in advance.

TEAM COMPOSITION: David L. Bush, PG - Chief Geologist

EMERGENCY INFORMATION:

LOCAL RESOURCES: Ambulance/Hospital
Dial 911

Police/Sheriff/Highway Patrol
Dial 911

Fire Department
Dial 911

Revised Soil & Groundwater Management Plan
and Health and Safety Plan
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NCRWQCB Site #1TSR050

Page HASP 5

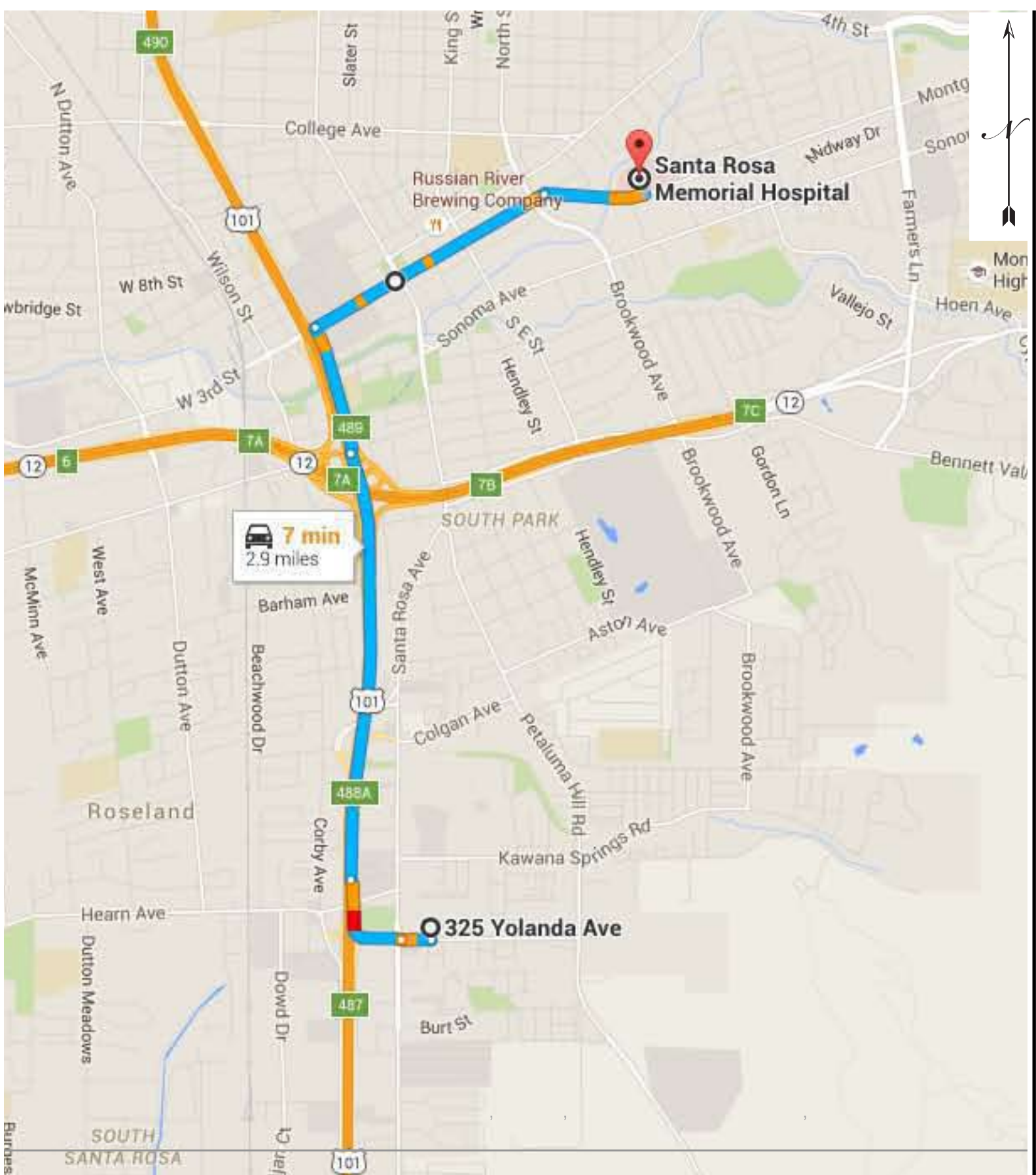
ON SITE RESOURCES: Fire Extinguisher, First Aid Kit,
Telephone and Water.

EMERGENCY CONTACT: David Bush
(707)-528-0810 or (707) 953-1020

EMERGENCY ROUTES:

MEDICAL FACILITY - West on Yolanda Avenue, north on Highway 101, Exit 489 to Downtown Santa Rosa (Third Street), turn right onto Third Street, pass Brookwood Avenue, then turn slightly right onto Montgomery Drive. Santa Rosa Memorial Hospital on left at 1165 Montgomery Drive. Follow signs to emergency entrance.

Map Attached.



 **7 min**
2.9 miles



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Consulting and Project Management
O/F: 707-528-0810
M: 707-953-1020

CLIENT: Hulsman
PROJECT: 451.0711
DRAFTED BY: DLB
DATE: MAY 2017

HOSPITAL LOCATION MAP
SOIL & GROUNDWATER MANAGEMENT PLAN
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case #1TSR050

PLATE
HASP



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November 25, 2016
Project #451.0711

Ms. Jo Bentz
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard
Santa Rosa, CA 95403

RE: REPORT:
Soil Vapor Investigation and Sensitive Receptor Survey
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NCRWQCB #1TSR050, USTCF Claim #744

Dear Ms. Bentz:

This Report for Soil Vapor Investigation and Sensitive Receptor Survey (Report) has been prepared in accordance with the directives set forth by the North Coast Regional Water Quality Control Board (NC-RWQCB), in their letter dated May 13, 2016, requesting a soil vapor investigation and sensitive receptor survey (SRS), as well as other items, at the referenced site prior to their case closure consideration. The following presents our scope of work to address the NC-RWQCB soil vapor investigation and SRS directives.

SCOPE OF WORK

The scope of work implemented and documented in this Report consisted of the following tasks:

- Project Management (consultation, coordination, scheduling)
- Work Plan Preparation (including permitting and utility clearance)
- Soil Vapor Investigation
- Laboratory Analysis
- Sensitive Receptor Survey
- Findings, Conclusions and Recommendations

The following sections present further detail of the above completed scope of work.

PROJECT MANAGEMENT, CONSULTATION, COORDINATION, SCHEDULING

We consulted with our C-57 licensed drilling subcontractor, TEG Northern CA, to determine rig capabilities and site access to investigate subsurface soil vapor. We also consulted with the necessary regulatory agencies (SCEHD) for their permitting requirements.

In this task we coordinated the schedule with our subcontractors and laboratory, as well as with the Client and regulatory agencies. This task also included general project management and administration during the project.

WORK PLAN PREPARATION, PERMITTING, UTILITY CLEARANCE

As part of the permitting process, regulatory agencies require a formal description of work (Work Plan with a site specific Health and Safety Plan or HASP) to be submitted with the drilling permit application. In this task we prepared our Work Plan and HASP dated June 27, 2016 to the level of detail required by the Sonoma County Environmental Health Division (SCEHD) to obtain necessary permits.

A copy of the Work Plan was also submitted to the NC-RWQCB for their approval and uploaded to the State Geotracker Database. After multiple e-mails, the NC-RWQCB concurred with the scope of work for soil vapor investigation in Jo Bentz's July 25, 2016 e-mail.

EGS also completed the SCEHD drilling permit application. Upon approval of the Work Plan by the NC-RWQCB, the SCEHD issued drilling permit SR0013683 dated July 26, 2016.

Additionally, at least 4 days prior to drilling, EGS traveled to the site to mark the property boundaries and the proposed exploration locations with white paint and notify Underground Services Alert (USA) of exploration dates, and obtained utility clearance W620900885-00W.

SOIL VAPOR INVESTIGATION

On August 4, 2016, EGS direct our subcontract drilling company TEG Northern CA to advance eight (8) exploratory soil probes (SV-1 through SV-8) to investigate the potential presence of residual petroleum hydrocarbons in shallow soil vapor beneath the site. The final locations of the soil vapor samples are presented on Plate 2 of this Report.

EGS incorporated soil vapor survey technology to address the concern for possible vapor encroachment into current and potential future building units in the area of the remaining, localized residual contaminant plume. Soil vapor samples were collected in

Soil Vapor Investigation and Sensitive Receptor Survey
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
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accordance with the California Department of Toxic Substances Control (DTSC) *guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion* dated October 2011 and the *Advisory-Active Soil Gas Investigations* dated July 2015.

Soil vapor samples were collected by a direct push rig using a 1-inch diameter rod equipped with steel knock-off tip to a final depth 6 feet bgs. Upon reaching the final exploration depth, the rod was extracted and approximately 6 inches of sand was added to the bottom of the probe hole. A soil vapor sampling tip and 1/8" tubing was then inserted into the bottom of the probe, above the placed sand. The temporary soil vapor well was then completed by adding another 6 inches of sand above the soil vapor sample tip, followed by adding approximately one foot of dry granular bentonite, followed by hydrated granular bentonite to the surface to create a seal. Refer to Plate 3 of this Report for a typical temporary soil vapor well construction detail. Refer also to TEG's field log which is attached to this report for reference.

In accordance with DTSC guidelines, the temporary soil vapor wells were allowed to equilibrate for at least 2 hours before sampling. After equilibration, a leak check compound (IPA) was placed within a shroud above the temporary well head. Additionally, the leak check compound was placed beneath the final connection of the sampling tube to sample container. The leak check compound was analyzed to confirm the integrity of the temporary soil vapor well seal and connection points to verify that subsurface formation soil vapor was being sampled without the influence of ambient air.

At least 3 well volumes of soil vapor was then purged from each soil vapor sample point by TEG's on site analytical laboratory field chemist, using of a certified clean glass syringe. Upon purging each temporary soil vapor well, collection of a soil vapor sample was completed by TEG's on site chemist using a glass syringe.

The glass syringe containing the soil vapor sample was then transferred to TEG's on site mobile laboratory for immediate analysis as described in a following section of this Report. In addition, based on NC-RWQCB directives, soil vapor samples were also collected and contained in sorbent tubes for analysis of TPH-diesel from locations SV-1 and SV-2 (near the former diesel fuel UST's, Plate 2).

Quality Control Procedures

Field and laboratory sampling and quality control (QC) procedures for this task included the following:

- Drilling and sampling equipment was decontaminated by steam cleaning and/or washing with phosphate-free detergent and rinsing with potable water;
- Soil vapor sample containers were appropriate for the required analysis described in a following section of this Report;

- Sample containers were labeled, and logged on a Chain-of-Custody form for transport to our subcontracted California State Certified on site analytical laboratory, as well as our off site analytical laboratory for TPH-diesel analysis;
- Field logs were prepared during the field work by TEG (attached to this report) and reviewed by our California State Professional Geologist, who also supervised the exploration and collected the soil vapor samples;
- Retained soil vapor was collected in clean certified glass syringes and sorbent tubes and logged onto a chain of custody form for delivery to the California State Certified analytical laboratory (sorbent tubes) for analysis of TPH-D;
- Integrity of the temporary soil vapor well was verified to be leak free by use of a Leak check compound (IPA) during the soil vapor purging and sampling effort;
- Soil sample holding times and analysis were pursuant to EPA guidelines;
- Laboratory QC was performed pursuant to the procedures inherent with the specific methods used for analysis;
- A duplicate soil vapor sample was collected from the SV-4 location and analyzed for QA purposes;
- Analysis was performed by laboratories certified by the State of California for each method of analysis used during the project;
- Site Photos of field and sampling activities are attached to this Report for reference.

Probe Completion

After the soil vapor samples were collected, the 1/8" soil vapor tubing was removed from the hydrated bentonite so that the bentonite could expand and seal each probe hole.

In accordance with the SCEHD permitting requirements, the upper 3 feet of the hydrated bentonite was removed using a handheld roto-hammer drill, followed by adding neat cement slurry into the probe hole. The minimal amount of removed hydrated bentonite was then flattened onto the ground surface to further seal the probe hole.

LABORATORY ANALYSIS AND REVIEW

Soil vapor samples collected as described above were analyzed on site using TEG's State Certified mobile laboratory for volatile organic compounds (VOC's) including reporting TPH-gasoline and naphthalene using EPA Testing Method 8260. The oxygen content of the subsurface formation at each soil vapor sample location was also measured by TCD. Additionally, as directed by the NC-RWQCB, soil vapor samples were analyzed for TPH-diesel by Test Method NIOSH 1550M.

Soil vapor sample holding times and analysis were pursuant to the EPA Method guidelines. The results of the soil vapor samples collected during this investigation were reviewed by our California State Professional Geologist, and the findings are included in a following section of this report.

SENSITIVE RECEPTOR SURVEY

As directed by the NC-RWQCB, a Sensitive Receptor Survey (SRS) was completed as part of this investigation. The SRS included identifying the location of existing, or if possible, abandoned water supply wells within a 500-foot radius from the residual contaminant plume boundary by completing a well canvas, reviewing well logs provided by the California DWR, and reviewing previously collected SRS data from other nearby investigations.

The SRS also identified nearby surface waters and preferential water pathways, identified potential sensitive environmental habitats and/or land use if any, and identified relevant public health and safety issues if any. The following presents the results of our Sensitive Receptor Survey:

- A site / area reconnaissance and well canvas was performed to visually identify active wells or probable wells within a 500-foot radius beyond the limits of the residual contaminant plume. Three active, in use wells were identified as follows:
 - DW-325 located on the subject site approximately 230 feet to the northeast (up gradient) of the former gasoline UST on the subject site;
 - DW-2612, located at 2612 Santa Rosa Avenue approximately 394 feet northwest (cross gradient) from the former UST at the subject site;
 - DW-2620, located at 2620 Santa Rosa Avenue approximately 314 feet northwest (cross gradient) from the former UST at the subject site.
- The location of each of these wells is presented on Plate 4 of this Report. Each of these wells is currently in use at the referenced properties.

- Additionally, EGS identified an existing water supply well located at 2601 Santa Rosa Avenue, although this well is beyond 1000 feet west-northwest from the former UST located on the subject site (Plate 4).
- EGS verified that, with the exception of the subject site located at 325 Yolanda Avenue and the addresses of 2612 and 2620 Santa Rosa Avenue (location of water supply wells), the surrounding area properties within 500 feet of the localized residual contaminant plume are connected to the City of Santa Rosa municipal water supply. There is a connection for city water located along Yolanda Avenue for the subject site, but the property has never been connected to the service, although it is connected to city sanitary sewer service.
- The nearest surface water body to the subject site is Colgan Creek, located approximately 2500 feet northeast of the former gasoline UST location.
- We reviewed 238 water supply well completion/destruction logs provided to EGS by the Department of Water Resources (DWR), with no additional existing wells located within 500 feet of the remaining residual groundwater plume that were not identified in our well canvas.
- EGS identified three (3) well destruction logs for the property located at 372 Yolanda Avenue (southeast of the former gasoline UST) as well as two (2) well destruction logs for the property located at 316 Yolanda Avenue, adjacent south of the site as provided by the DWR (Plate 4).
- EGS met with the property owner, Mr. Eric Drew, to verify that there are no existing wells at the residences located at 376 and 380 Yolanda Avenue (Plate 3). Mr. Drew indicated that there had been older wells which have been removed (abandonment methods and dates unknown), and that each of the residences is supplied city water. EGS observed the abandoned well casing at 376 Yolanda Avenue (Plate 4).
- EGS also consulted with Mr. Ken Crownover, owner of Malm Fireplaces located at 368 Yolanda Avenue, as well as Mr. Mike Gasperini, representative of the property owner at 368 Yolanda Avenue; each of which verified that the properties located at 358/358B and 368 Yolanda Avenue do not have active water supply wells, that the older water supply wells had been removed due to the ongoing groundwater investigation at 368 Yolanda Avenue, and that the properties are serviced by city water.
- There are no hospitals, schools, or day-care centers within ½ mile of the site.

Soil Vapor Investigation and Sensitive Receptor Survey
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NCRWQCB #1TSR050, USTCF Claim #744

- There appears to be no environmentally sensitive habitats nearby the subject property as the surrounding area is developed.
- There are no residences that use water supplied from a well within 500 feet of the former gasoline UST and associated minimal residual contaminant plume.

EGS also reviewed the findings of Edd Clark & Associates SRS information (included in their report dated May 2, 2016 prepared for 2640 Santa Rosa Avenue) and SCS Engineers Sensitive Receptor Survey dated March 28, 2012 prepared for the site located at 368 Yolanda Avenue. Based on our review of those reports, there are seven (7) additional abandoned water supply wells identified within 500 feet of the residual contaminant plume related to the former UST on the subject site (Plate 4). A summary of information available regarding these wells follows:

- Well W-1: 2690 Santa Rosa Avenue (former Lyle's Tackle Shop), had been out of service since 1987, *abandoned in 2000*. This well was inaccurately referred to in the USTCF September 2014 5-year review.
- Well W-2: Interior of the former Malm Metal building (2642 Santa Rosa Avenue), had been out of service since 1988 and *abandoned in 2000*.
- Well W-3: 302 Yolanda Avenue, had been out of service since 1978, *abandoned in 2000*.
- Well W-4: 316 Yolanda Avenue, replaced by Well W-7 in 1983 due to contamination impacts, and *abandoned in 2005*.
- Well W-5: 2696 Santa Rosa Avenue (beyond 500 feet of site plume, not shown on Plate 3), *abandoned in 2000*.
- Well W-6: 2698 A Santa Rosa Avenue (beyond 500 feet of site plume, not shown on Plate 3), *abandoned in 2000*.
- Well W-7: 316 Yolanda Avenue, installed in 1983 replacing W-4 and used until 1997. Depth 170 feet bgs, screen interval from 90 - 170 feet bgs, contains 65 foot seal from ground surface, *abandoned in 2005*.

Plate 4 of this Report presents the site map with 500-foot radius, depicts the location of the remaining localized residual contaminant plume, the location of the existing on site domestic well and two (2) nearby existing wells, as well as the location of the above described abandoned domestic water supply wells and other abandoned water supply wells documented in this SRS.

Domestic Water Supply Well Sampling

EGS and others have collected water samples from the domestic water supply well located at the subject site address of 325 Yolanda Avenue (DW-325, attached Plate 3). Water samples were collected from this well in 1989 and 1990, and EGS collected water samples from this well in October 2011 and on February 29, 2016, all of which resulted in no detections of CoC's analyzed for.

The onsite water supply well is located approximately 230 feet northeast of the former gasoline UST, in an upgradient position from the minimal residual contaminant plume (Plate 3). This well is not being used for drinking water. Future site use as part of redevelopment is unknown at this time. However, as stated in their May 13, 2016 letter, it does not appear that the NC-RWQCB will require abandonment of this well as part of the anticipated UST investigation closure.

GEOTRACKER COMPLIANCE

In accordance with State and County requirements, EGS has uploaded all pertinent site information, including but not limited to Work Plans, Reports, maps, boring logs, and lab reports, and has submitted this report to the GeoTracker Database.

FINDINGS

EGS received the Analytical Sciences Laboratory and QA/QC Report dated August 18, 2016 (attached to this Report) which included the results of the soil vapor sampling effort for TPH-diesel as part of this investigation. There were *no detections* of this compound in soil vapor locations SV-1 and SV-2.

EGS received the TEG Northern CA, Inc. Data Report dated August 22, 2016 (attached to this Report) which included the results of the soil vapor sampling effort as part of this investigation. With the exception of very low concentrations of benzene slightly above the Reporting Limit (RL) of 35 $\mu\text{g}/\text{m}^3$ for this compound, there were *no detections* of compounds analyzed for in soil vapor samples analyzed by EPA 8260 which included TPH-gasoline and naphthalene.

Very low concentrations of benzene were detected in soil vapor samples collected from SV-1 (37 $\mu\text{g}/\text{m}^3$), SV-4 (36 $\mu\text{g}/\text{m}^3$), SV-5 (57 $\mu\text{g}/\text{m}^3$), and SV-7 (57 $\mu\text{g}/\text{m}^3$). The concentrations of benzene detected are well below the State of California Low-Threat Closure Policy's (LTCP) Scenario 4 – Direct Measurement of Soil Gas Concentration (1 of 2) Criteria of 85 $\mu\text{g}/\text{m}^3$ for residential development, and 280 $\mu\text{g}/\text{m}^3$ for commercial development.

Additionally, the oxygen content of the subsurface soil was measured at each location resulting in a range of 9.9% to 21%, with a mean of 19.73%. These results are far

greater than the 4% requirement needed for a site to be categorized as having a Bioattenuation Zone in accordance with the LTCP. Since this site meets the oxygen threshold of 4% or greater it is considered as having a Bioattenuation Zone, which increases the screening criteria for benzene 1000-fold in accordance with the LTCP.

CONCLUSIONS

Based on the findings of this Soil Vapor Investigation, no compound analyzed for exceeds the LTCP screening criteria for direct measured soil gas concentrations.

Additionally, based on the findings of the Sensitive Receptor Survey, EGS identified three (3) existing water supply wells within 500 feet of the residual contamination plume including the onsite domestic well located 230 feet northeast of the former gasoline UST (DW-325) and the two (2) offsite, cross gradient wells to the northwest located at 2612 Santa Rosa Avenue (394 feet northwest from former UST, DW-2612) and 2620 Santa Rosa Avenue (314 feet northwest from former UST, DW-2620).

The following provides information as it relates to the location of identified domestic water supply wells within 500 feet of the residual contaminant plume, and observed groundwater data collected from monitoring wells located between the residual contaminant plume and the identified domestic supply wells:

- Based on our review of previously collected groundwater data from onsite monitoring well MW-1s (well located in an upgradient, northeast position between the residual contaminant plume and the onsite domestic water supply well DW-325, Plate 4), there have been no detections of compounds analyzed for.
- Based on our review of previously collected groundwater data from onsite monitoring well MW-4 (well located in a cross gradient, northwest position between the residual contaminant plume and the offsite domestic water supply wells DW-2612 and DW-2620, Plate 4), there have been no detections of compounds analyzed for.
- Based on our review of previously collected groundwater data from offsite monitoring well B-25 (well located in a cross gradient, northern position between the residual contaminant plume associated with the UST investigation at 2640 Santa Rosa Avenue and domestic water supply wells DW-2612 and DW-2620, Plate 4), there have been only very minor detections of compounds analyzed for since 2001, and predominantly (10 of 15 events) there have been *no detections* of compounds analyzed for in this well.

RECOMMENDATIONS

The results of the investigation should satisfy two of the remaining data gaps for this site and directives included in the NC-RWQCB's May 13, 2016 letter (Soil Vapor Investigation and Sensitive Receptor Survey).

EGS provides the following recommendations at this time:

- ❖ EGS recommends that the LTCP Evaluation for Case Closure be updated to include information contained herein, as well as addressing final items contained in the NC-RWQCB's May 13, 2016 letter.
- ❖ EGS has also prepared a draft version of a Soil and Groundwater Management Plan (SGMP) as directed by the NC-RWQCB in their May 13, 2016 which is being reviewed by a possible developer's group. Upon completion of their review, EGS will finalize and submit the SGMP to the NC-RWQCB for their review.

LIMITATIONS

This work was performed in accordance with generally accepted environmental investigation practices for similar investigations for soil vapor sampling conducted at this time and in this geographic area. No other guarantees or warranties, express or implied are provided.

Our scope of work did not include a determination of the environmental and public health impact, of known or suspected contamination. The scope did not include providing a risk assessment. Assumptions made about apparent public health risk are based on limited data and do not constitute a formal assessment of risk. If the Client desires a formal risk assessment, such assessment should be requested as a separate scope of work.

The soil vapor sampling and testing program was intended to provide an assessment of potential soil vapor contamination for specific compounds, at specific locations, depths, and at specific times. The investigation was not exhaustive, and may not have revealed contamination that may be present at locations (horizontal or vertical) other than those explored, sampled and analyzed. This investigation is not intended to predict future on-site or off-site conditions.

It is understood by the parties hereto that the Client who requested this investigation will use the results for the stated purpose and no other purpose. No other use or disclosure is intended by Consultant. Client agrees to hold Consultant harmless for any inverse condemnation or devaluation of said property that may result if the Consultant's report or information generated is used for other purposes.

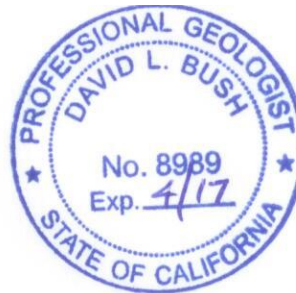
Finally, the Report is being issued with the understanding that it will be used in its entirety.

If you have questions about this scope of work in this Report please call me at 707-528-0810.

Sincerely,
ENVIRONMENTAL GEOLOGY SERVICES



David L. Bush, P.G.
Principal Geologist



Attachments:

- Plate 1: Site Location Map
- Plate 2: Site Map with Soil Vapor Sample Locations
- Plate 3: Temporary Soil Vapor Well Detail
- Plate 4: 500-Foot Radius Map

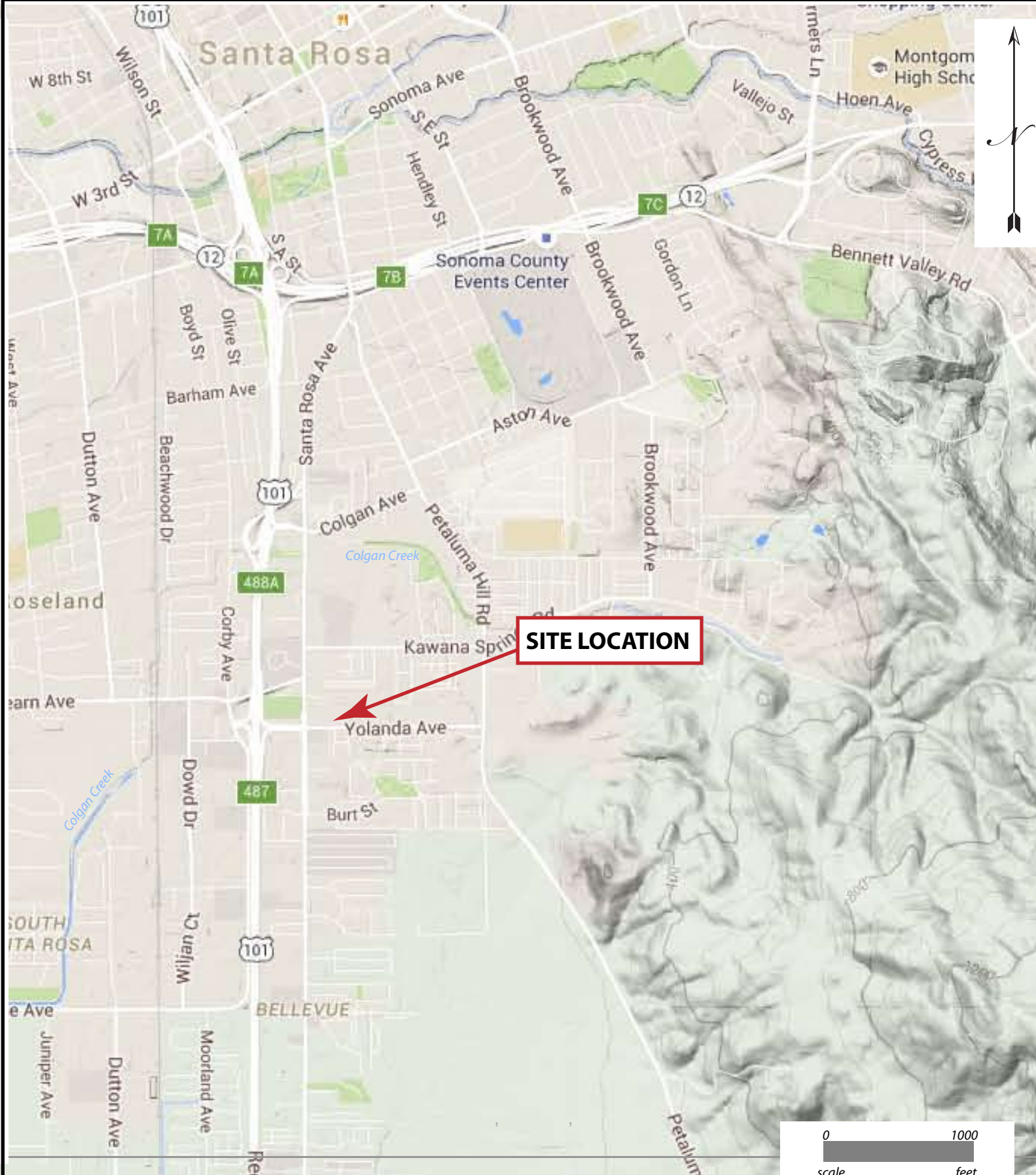
Site Photos

TEG's Field Log

Analytical Sciences Laboratory and QA/QC Report dated August 18, 2016

TEG's Data Report dated August 22, 2016

Cc: Ms. Jo Bentz, NC-RWQCB, jo.bentz@waterboards.ca.gov
Ms. Lisa Lamb, SCEHD, lisa.lamb@sonoma-county.org
Mr. Jim Hulsman, jhulsman1@frontier.com
Mr. Paul Hulsman, phulsman@yahoo.com
Geotracker Database



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CLIENT: Hulsman
PROJECT: 451.0711
DRAFTED BY: DLB
DATE: NOV 2016

SITE LOCATION MAP
REPORT: SOIL VAPOR INVESTIGATION and SENSITIVE RECEPTOR SURVEY
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, CA
NC-RWQCB Case #1TSR050

PLATE
1



EXPLANATION

-  SOIL VAPOR LOCATION
-  Former UST Location



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PROJECT: 451.0711
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DATE: NOV 2016

SOIL VAPOR SAMPLE LOCATIONS
REPORT: SOIL VAPOR INVESTIGATION and SENSITIVE RECEPTOR SURVEY

Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, CA
NC-RWQCB Case #1TSR050

										Soil Vapor Sample Collection Depth	Total Depth (ft)	SAMPLE	Construction Detail
													EQUIPMENT: Direct Push Rig LOGGED BY: DLB DATE: 8/4/16 DRILLER: TEG Northern CA
											1		
											2		Hydrated granular BenSeal to surface
											3		
											4		
											5		6-inches dry granular BenSeal 6-inches Clean #3 Sand Pack Soil Vapor Sampling Tip set at 5.5 feet bgs 6-inches Clean #3 Sand Pack
										d5.5	6		
											7		TOTAL DEPTH: 6 ft bgs. Construction details include: soil vapor sampling tip was connected to 1/8" teflon tubing for sample collection; a shroud was placed over the sealed surface with IPA included as a leak detection compound; IPA was also included beneath the sample connect point. Completion of the soil vapor probes included: removal of teflon tubing followed by removing upper 3 feet of hydrated BenSeal, followed by adding neat cement to complete probe hole.
											8		
											9		
											10		



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DATE: NOV 2016

TEMPORARY SOIL VAPOR WELL DETAIL

REPORT: SOIL VAPOR INVESTIGATION and SENSITIVE RECEPTOR SURVEY

Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, CA
NC-RWQCB Case #1TSR050

PLATE
3



Photo 1: View of TEG advancing soil probe with 1-inch direct push rod, testing soil pressure, granular BenSeal and sand on right



Photo 2: View of hydrating granular benSeal



Photo 3: View collecting soil vapor sample in glass syringe, shroud and leak detection compound beneath connection



Photo 4: View removing upper 3 feet of hydrated BenSeal prior to completion of soil vapor probe with neat cement



Photo 5: View showing domestic well casing at 325 Yolanda Avenue



Photo 6: View showing domestic well at 2612 Santa Rosa Avenue



Photo 7: View domestic well at 2620 Santa Rosa Avenue, with well at 2612 Santa Rosa Avenue in background, on right



Photo 8: View of abandoned well casing at 376 Yolanda Avenue

Location: 325 Yolander Ave., Santa Rosa, CA

Date: 8-4-16

Client ID#: 451.0711 Project Manager: Dave Bush

Start Time: 730

TEG #: 60404 TEG Operator: C.V.S.

Finish Time: 1430

Point ID	Matrix	Time Placed	Time Sampled	Target Depth	Actual Depth	Field Notes
1 SV-1	✓	820		5.5	6	
2 SV-2	✓	842		5.5	6	
3 SV-3	✓	903		5.5	6	
4 SV-4	✓	925		5.5	6	
5 SV-5	✓	934		5.5	6	
6 SV-6	✓	1001		5.5	6	
7 SV-7	✓	1019		5.5	6	
8 SV-8	✓	1038		5.5	6	
9 SV-1	✓		1114			Sorbent tube - 200 cc's
10 SV-2	✓		1121			Sorbent tube - 200 cc's
11		1342				Grouting top 3'
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

Site Notes: Temp. vapor implants, 1 in. dia. hole,
 1/2 in. dia. 20' Nylaflex tubing. Plastic air diffuser.
 1 ft. #30 sand + 6 in. dry bentonite + hydrated
 bentonite to surface.
 Screen set @ 5.5'. Total well depth 6'.

Accepted by: [Signature] Name: Dave Bush

Screens Used: _____
 Risers Used: _____

Safety Meeting Held by: signature: [Signature] signature: [Signature]

Comments/Topics: P.P.E.



Report Date: August 18, 2016

Laboratory Report

David Bush
Environmental Geology Services
6169 Amie Drive
Windsor, CA 95492

Project Name: **325 Yolanda Ave.** **451.0711**

Lab Project Number: **6080412**

This 4 page report of analytical data has been reviewed and approved for release.

Mark A. Valentini, Ph.D.

Laboratory Director



TPH Diesel in Air

Lab#	Sample ID	Compound Name	Result ($\mu\text{g}/\text{m}^3$)	RDL ($\mu\text{g}/\text{m}^3$)
6080412-01	SV-1	Diesel	ND	2500

Date Sampled:	08/04/16	Date Analyzed:	08/08/16	QC Batch:	B016050
Date Received:	08/04/16	Method:	NIOSH 1550M		

TPH Diesel in Air

Lab#	Sample ID	Compound Name	Result ($\mu\text{g}/\text{m}^3$)	RDL ($\mu\text{g}/\text{m}^3$)
6080412-02	SV-2	Diesel	ND	2500

Date Sampled:	08/04/16	Date Analyzed:	08/08/16	QC Batch:	B016050
Date Received:	08/04/16	Method:	NIOSH 1550M		



Quality Assurance Report

TPH Diesel in Air

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B016050 - EPA 3550B GC

Blank (B016050-BLK1)

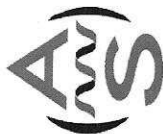
Prepared & Analyzed: 08/08/16

Diesel ND 2500 $\mu\text{g}/\text{m}^3$



Notes and Definitions

RDL	Reporting Detection Limit
ND	Analyte NOT DETECTED at or above the reporting detection limit (RDL)
RPD	Relative Percent Difference
NR	Not Reported



Analytical Sciences
 P.O. Box 750336 Petaluma, CA 94975-0336
 110 Liberty Street, Petaluma, CA 94952
 (707) 769-3128
 Fax (707) 769-8093

CHAIN OF CUSTODY

Lab Project Number: 0080412
 EGS Project Name: 325 YAARDA AVE
 EGS Project Number: 451-0711

CLIENT INFORMATION

Company Name: Environmental Geology Services
 Address: 6169 Amie Drive
Windsor, CA 95492
 Contact: David Bush
 Phone #: 707-528-0810
 Fax #: 707-528-0810
 e-mail: _____

TURNAROUND TIME (check one)

Same Day _____ 48 Hours _____
 24 Hours _____ 5 days _____
 72 hours _____ Normal

GeoTracker Required: Yes No
 GeoTracker Number: _____

Page 1 of 1

Item	Client Sample ID	Date	Matrix	SERIAL Canister ID #	Regulator ID #	Sample Start Time	Sample End Time	EPA TO-15	Comments	Lab Sample #
1	SV-1	8/4/16	VAPOR	2451516297	NA	NA	1300	X		01
2	SV-2	"	VAPOR	2451516300	NA	NA	1310	X		02
3										
4										
5										
6										
7										
8										
9										
10										

SIGNATURES

Relinquished By: _____
 Signature _____
 Date 8/4/16 Time 1600

Received By: _____
 Signature _____
 Date 8.4.16 Time 16:05



22 August 2016

Mr. David Bush
Environmental Geology Services
6169 Amie Drive
Windsor, CA 95492

**SUBJECT: DATA REPORT - Environmental Geology Services Project #451.0711
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California**

TEG Project # 60804F

Mr. Bush:

Please find enclosed a data report for the samples analyzed from the above referenced project for Environmental Geology Services. The samples were analyzed in TEG's mobile laboratory. TEG conducted a total of 17 analyses on 9 soil vapor samples.

- 9 analyses on soil vapors for volatile organic hydrocarbons, and total petroleum hydrocarbons-gasoline range by EPA method 8260B.
- 8 analyses on soil vapors for oxygen by TCD.

The results of the analyses are summarized in the enclosed tables. Applicable detection limits and calibration data are included in the tables.

TEG appreciates the opportunity to have provided analytical services to Environmental Geology Services on this project. If you have any further questions relating to these data or report, please do not hesitate to contact us.

Sincerely,

Mark Jerpbak
Director, TEG-Northern California



Environmental Geology Services Project # 451.0711
 Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

TEG Project #60804F

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:	Probe	SV-1	SV-2	SV-3	SV-4	
	Blank					
SAMPLE DEPTH (feet):		6.0	6.0	6.0	6.0	
PURGE VOLUME:		3	2	3	2	
COLLECTION DATE:	8/04/16	8/04/16	8/04/16	8/04/16	8/04/16	
COLLECTION TIME:	9:42	10:27	11:00	11:24	11:51	
DILUTION FACTOR:	1	1	1	1	1	
	RL					
Dichlorodifluoromethane	100	nd	nd	nd	nd	
Vinyl Chloride	13	nd	nd	nd	nd	
Chloroethane	100	nd	nd	nd	nd	
Trichlorofluoromethane	100	nd	nd	nd	nd	
1,1-Dichloroethene	100	nd	nd	nd	nd	
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd	nd	
Methylene Chloride	100	nd	nd	nd	nd	
trans-1,2-Dichloroethene	100	nd	nd	nd	nd	
1,1-Dichloroethane	100	nd	nd	nd	nd	
cis-1,2-Dichloroethene	100	nd	nd	nd	nd	
Chloroform	100	nd	nd	nd	nd	
1,1,1-Trichloroethane	100	nd	nd	nd	nd	
Carbon Tetrachloride	25	nd	nd	nd	nd	
1,2-Dichloroethane	45	nd	nd	nd	nd	
Benzene	35	nd	37	nd	36	
Trichloroethene	100	nd	nd	nd	nd	
Toluene	200	nd	nd	nd	nd	
1,1,2-Trichloroethane	100	nd	nd	nd	nd	
Tetrachloroethene	100	nd	nd	nd	nd	
Ethylbenzene	100	nd	nd	nd	nd	
1,1,1,2-Tetrachloroethane	100	nd	nd	nd	nd	
m,p-Xylene	200	nd	nd	nd	nd	
o-Xylene	100	nd	nd	nd	nd	
1,1,2,2-Tetrachloroethane	100	nd	nd	nd	nd	
Naphthalene	70	nd	nd	nd	nd	
TPH (gasoline range)	10000	nd	nd	nd	nd	
Isopropyl Alcohol (leak check)	10000	nd	nd	nd	nd	
Surrogate Recovery (DBFM)		78%	88%	77%	79%	79%
Surrogate Recovery (1,2-DCA-d4)		73%	79%	67%	76%	72%
Surrogate Recovery (Toluene-d8)		90%	91%	91%	91%	93%

'RL' Indicates reporting limit at a dilution factor of 1
 'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
 Analyses performed by: Ms. Lorena Williams



Environmental Geology Services Project # 451.0711
 Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

TEG Project #60804F

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:	SV-4	SV-5	SV-6	SV-7	SV-8	
	dup					
SAMPLE DEPTH (feet):	6.0	6.0	6.0	6.0	6.0	
PURGE VOLUME:	2	1	3	1	2	
COLLECTION DATE:	8/04/16	8/04/16	8/04/16	8/04/16	8/04/16	
COLLECTION TIME:	11:51	12:43	13:08	13:36	14:01	
DILUTION FACTOR:	1	1	1	1	1	
	RL					
Dichlorodifluoromethane	100	nd	nd	nd	nd	
Vinyl Chloride	13	nd	nd	nd	nd	
Chloroethane	100	nd	nd	nd	nd	
Trichlorofluoromethane	100	nd	nd	nd	nd	
1,1-Dichloroethene	100	nd	nd	nd	nd	
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd	nd	
Methylene Chloride	100	nd	nd	nd	nd	
trans-1,2-Dichloroethene	100	nd	nd	nd	nd	
1,1-Dichloroethane	100	nd	nd	nd	nd	
cis-1,2-Dichloroethene	100	nd	nd	nd	nd	
Chloroform	100	nd	nd	nd	nd	
1,1,1-Trichloroethane	100	nd	nd	nd	nd	
Carbon Tetrachloride	25	nd	nd	nd	nd	
1,2-Dichloroethane	45	nd	nd	nd	nd	
Benzene	35	37	57	nd	57	
Trichloroethene	100	nd	nd	nd	nd	
Toluene	200	nd	nd	nd	nd	
1,1,2-Trichloroethane	100	nd	nd	nd	nd	
Tetrachloroethene	100	nd	nd	nd	nd	
Ethylbenzene	100	nd	nd	nd	nd	
1,1,1,2-Tetrachloroethane	100	nd	nd	nd	nd	
m,p-Xylene	200	nd	nd	nd	nd	
o-Xylene	100	nd	nd	nd	nd	
1,1,2,2-Tetrachloroethane	100	nd	nd	nd	nd	
Naphthalene	70	nd	nd	nd	nd	
TPH (gasoline range)	10000	nd	nd	nd	nd	
Isopropyl Alcohol (leak check)	10000	nd	nd	nd	nd	
Surrogate Recovery (DBFM)		82%	85%	77%	83%	75%
Surrogate Recovery (1,2-DCA-d4)		77%	76%	68%	82%	68%
Surrogate Recovery (Toluene-d8)		89%	101%	90%	87%	89%

'RL' Indicates reporting limit at a dilution factor of 1
 'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
 Analyses performed by: Ms. Lorena Williams



Environmental Geology Services Project # 451.0711
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

TEG Project #60804F

Analyses of SOIL VAPOR

Oxygen in percent by Volume

SAMPLE NUMBER	SAMPLE DEPTH (feet)	PURGE VOLUME	COLLECTION DATE	COLLECTION TIME	Oxygen %
Probe Blank			8/04/16	10:00	21
SV-1	6.0	3	8/04/16	10:49	17
SV-2	6.0	2	8/04/16	11:08	20
SV-3	6.0	3	8/04/16	11:31	9.9
SV-4	6.0	2	8/04/16	12:38	16
SV-5	6.0	1	8/04/16	12:50	19
SV-6	6.0	3	8/04/16	13:18	17
SV-7	6.0	1	8/04/16	13:39	20
SV-8	6.0	2	8/04/16	14:04	18

Reporting Limit: 1.0

'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Ms. Lorena Williams



Environmental Geology Services Project # 451.0711
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

TEG Project #60804F

CALIBRATION DATA - Daily Calibration Check Compounds (GC/MS)

	<i>Vinyl Chloride</i>	<i>1,1 DCE</i>	<i>Chloroform</i>	<i>1,2 DCP</i>	<i>Toluene</i>	<i>Ethylbenzene</i>
<i>Midpoint</i>	10.0	10.0	10.0	10.0	10.0	10.0

Continuing Calibration - Midpoint

8/04/16	8.1	10.6	8.0	9.7	8.1	11.2
	81%	106%	80%	97%	81%	112%

APPENDIX C: REGULATORY DATABASE REPORT

NEQ of Santa Rosa Avenue & Yolanda Ave
NEQ of Santa Rosa Avenue & Yolanda Ave
Santa Rosa, CA 95404

Inquiry Number: 5320493.2s
June 04, 2018

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), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

NEQ OF SANTA ROSA AVENUE & YOLANDA AVE
SANTA ROSA, CA 95404

COORDINATES

Latitude (North): 38.4144340 - 38° 24' 51.96"
Longitude (West): 122.7127260 - 122° 42' 45.81"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 525079.9
UTM Y (Meters): 4251631.5
Elevation: 144 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5602166 SANTA ROSA, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140608
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 NEQ OF SANTA ROSA AVENUE & YOLANDA AVE
 SANTA ROSA, CA 95404

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	NORTH BAY HONDA SLS	2612 SANTA ROSA AVE	EDR Hist Auto	Lower	60, 0.011, SW
B2	MALM FIREPLACES	326 & 368 YOLANDA AV	Cortese, EMI, ENF	Lower	95, 0.018, SSE
A3	GERRICK STEVE EXXON	2642 SANTA ROSA AVE	EDR Hist Auto	Lower	149, 0.028, South
A4	MICHAEL'S AUTO	2642 SANTA ROSA AVEN	LUST, ENF, HIST CORTESE	Lower	149, 0.028, South
5	DAVES AUTO RADIO REP	2450 SANTA ROSA AVE	EDR Hist Auto	Higher	273, 0.052, NNW
C6	7-ELEVEN #33277	2648 SANTA ROSA AVEN	UST	Lower	299, 0.057, SSW
B7	FIREFORM PORCELAIN I	368 YOLANDA AVE	RCRA-SQG, CPS-SLIC, FINDS, ECHO, HAZNET	Higher	313, 0.059, SE
B8	B BILLS AUTO PARTS	368 YOLANDA AVE	EDR Hist Auto	Higher	313, 0.059, SE
C9	SANTA ROSA PLUME AT	YOLANDA AT SANTA ROS	CPS-SLIC	Lower	315, 0.060, SSW
A10	NOLAN C R AUTO REPAI	2626 SANTA ROSA AVE	EDR Hist Auto	Lower	316, 0.060, SSW
C11	MALM METAL PRODS INC	2640 SANTA ROSA AVE	RCRA-SQG, LUST, FINDS, ECHO, ENF, HIST CORTESE	Lower	317, 0.060, SSW
C12	AUTO LIFE CENTER AUT	2698 SANTA ROSA AVE	EDR Hist Auto	Lower	352, 0.067, SSW
C13	AUTO LIFE CENTER	2698 SANTA ROSA AVEN	LUST, CPS-SLIC, HIST CORTESE	Lower	352, 0.067, SSW
C14	LYLES TACKLE SHOP	2690 SANTA ROSA AVEN	CPS-SLIC	Lower	405, 0.077, SSW
D15	HULSMAN TRANS	325 YOLANDA AVE	SWEEPS UST, CA FID UST	Higher	433, 0.082, ESE
D16	HULSMAN TRANS	325 YOLANDA AVE	HIST UST	Higher	433, 0.082, ESE
D17	HULSMAN TRANSPORTATI	325 YOLANDA AVENUE	LUST, ENF, HIST CORTESE	Higher	433, 0.082, ESE
D18	AUTOKRAFT	325 YOLANDA AVE	EDR Hist Auto	Higher	433, 0.082, ESE
19	GROG SHOP	2296 SANTA ROSA	LUST, HIST CORTESE	Higher	723, 0.137, North
E20	SANTA ROSA PLANT	455 YOLANDA AVE	HIST UST, CHMIRS, WDS	Higher	785, 0.149, East
E21	REDWOOD OIL COMPANY	455 YOLANDA AVE.	AST	Higher	785, 0.149, East
E22	REDWOOD OIL COMPANY	455 YOLANDA AVENUE	LUST, Cortese, EMI, ENF, HIST CORTESE, NPDES,...	Higher	785, 0.149, East
E23	SANTA ROSA PLANT	455 YOLANDA AVE	SWEEPS UST, CA FID UST, EMI	Higher	785, 0.149, East
E24	REDWOOD OIL #141 (BU	YOLANDA AVENUE 455	LUST	Higher	785, 0.149, East
F25	SIETZ EUROPEAN MOTOR	112 COMMERCIAL COURT	RCRA-SQG, FINDS, ECHO, EMI, HAZNET	Lower	897, 0.170, NNW
F26	GOLDEN GATE NORTH	112 COMMERCIAL CT.	RCRA-SQG, FINDS, ECHO	Lower	897, 0.170, NNW
F27	BAVARIAN TUNING	112 COMMERCIAL CT	AST	Lower	897, 0.170, NNW
G28	PACIFIC BELL	459 YOLANDA	RCRA NonGen / NLR, FINDS, ECHO	Higher	1025, 0.194, ESE
G29	FLYERS ENERGY 3017	459 YOLANDA AVENUE	LUST, HAZNET, HIST CORTESE, NPDES, Notify 65,...	Higher	1025, 0.194, ESE
G30	FLYERS #479	459 YOLANDA AVE	UST	Higher	1025, 0.194, ESE
G31	PRIVATE RESIDENCE	PRIVATE RESIDENCE	LUST	Higher	1107, 0.210, ESE
H32	HEPPER, TOM	SANTA ROSA AVENUE 27	LUST	Lower	1130, 0.214, SSW
H33	HEPPER, TOM	2775 SANTA ROSA AVEN	LUST, ENF, HAZNET, HIST CORTESE, Notify 65	Lower	1130, 0.214, SSW
I34	MANLY AUTOCENTER	2701 CORBY	AST, EMI	Lower	1140, 0.216, WSW
I35	MANLY OLDSMOBILE - G	2701 CORBY AVENUE	UST	Lower	1140, 0.216, WSW
I36	MANLY AUTOCENTER	2701 CORBY AVENUE	RCRA-SQG, SWEEPS UST, FINDS, ECHO, HAZNET	Lower	1140, 0.216, WSW
I37	MANLY OLDS GMC TRUCK	2755 CORBY AVE	HIST UST, CA FID UST, RCRA NonGen / NLR, FINDS,...	Lower	1161, 0.220, SW
I38	MANLY MITSUBISHI	2755 CORBY AVENUE	LUST, SWEEPS UST, HIST CORTESE	Lower	1161, 0.220, SW
J39	S & W INVESTMENTS	2159 SANTA ROSA	LUST, HIST CORTESE	Higher	1163, 0.220, NNW

MAPPED SITES SUMMARY

Target Property Address:
 NEQ OF SANTA ROSA AVENUE & YOLANDA AVE
 SANTA ROSA, CA 95404

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J40	SMOTHERS AUTO CTR. I	2157 SANTA ROSA AVE	SWEEPS UST, CA FID UST	Higher	1170, 0.222, NNW
J41	SMOTHERS AUTO CTR IN	2157 SANTA ROSA AVE	HIST UST	Higher	1170, 0.222, NNW
K42	COLBY AVENUE SHELL	2575 CORBY AVE	SWEEPS UST, CA FID UST	Lower	1195, 0.226, West
K43	CORBY SHELL	2575 CORBY AVE	LUST, SWEEPS UST, CUPA Listings, HAZNET, HIST...	Lower	1195, 0.226, West
K44	PAUL M KALTENBACH	2575 CORBY	HIST UST	Lower	1195, 0.226, West
K45	SHELL SERVICE STATIO	2575 CORBY DR	RCRA-SQG, LUST, FINDS, ECHO, HAZNET	Lower	1195, 0.226, West
K46	CORBY SHELL	2575 CORBY AVENUE	UST	Lower	1195, 0.226, West
J47	JOE'S PERFORMANCE TO	2151 SANTA ROSA	SWEEPS UST, HIST UST, CA FID UST	Higher	1209, 0.229, North
J48	JOE'S PERFORMANCE TO	2151 SANTA ROSA	LUST, HIST UST, HIST CORTESE	Higher	1209, 0.229, North
J49	OE'S PERFORMANCE	SANTA ROSA AVENUE 21	LUST	Higher	1209, 0.229, North
K50	A&M MINI MARKET - ST	440 HEARN AVE	UST	Lower	1314, 0.249, West
K51	BP WEST COAST PRODUC	440 HEARN AVE	RCRA NonGen / NLR, FINDS, HAZNET	Lower	1314, 0.249, West
K52	A AND M MINI MARKET	440 HEAN AVE	HIST UST	Lower	1314, 0.249, West
K53	AM MINI MARKET DBA S	440 HEARN AVE	SWEEPS UST, CA FID UST, ENF, HAZNET	Lower	1314, 0.249, West
K54	AM/PM MINI MART	440 HEARN AVENUE	LUST, HIST CORTESE, Notify 65	Lower	1314, 0.249, West
K55	AM AND PM MINI MARKE	440 HEARN AVE	CPS-SLIC, SWEEPS UST, CHMIRS	Lower	1314, 0.249, West
56	BIDDULPH CHEVROLET	2770 CORBY AVE	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Lower	1406, 0.266, SW
L57	MANLY HONDA	2750 CORBY	LUST, AST, HIST CORTESE	Lower	1418, 0.269, SW
L58	MANLY HONDA	CORBY AVENUE 2750	LUST	Lower	1418, 0.269, SW
59	CHEVRON #9-6449	2200 SANTA ROSA AVEN	LUST, HIST CORTESE	Higher	1484, 0.281, NNE
M60	BURT STREET DEVELOPM	YOLANDA & PETALUMA R	ENVIROSTOR, VCP	Higher	1636, 0.310, ESE
61	KAWANA SPRINGS PIPEL	KAWANA SPRINGS	CPS-SLIC	Higher	1695, 0.321, ENE
62	STANDARD BRANDS PAIN	1993 SANTA ROSA AVEN	LUST, HIST CORTESE	Higher	1702, 0.322, North
63	MEAD CLARK LUMBER SU	RAILROAD AVENUE 175	LUST	Lower	1790, 0.339, West
N64	PRESTIG IMPORTS	2800 CORBY AVE	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Lower	1819, 0.345, SSW
M65	DAVIDSON, WILLIAM	800 YOLANDA AVENUE	CPS-SLIC	Higher	1839, 0.348, ESE
N66	PRESTIGE ACURA	CORBY AVENUE 2840	LUST	Lower	1851, 0.351, SSW
67	MEAD CLARK LUMBER SU	3RD ST	HIST CORTESE	Lower	1936, 0.367, WSW
N68	SANTA ROSA AMC-JEEP	2820 CORBY AVE	LUST, SWEEPS UST, HIST UST, CA FID UST	Lower	1985, 0.376, SSW
N69	ZUMWALT MAGRINI USED	2820 CORBY	LUST, HIST CORTESE	Lower	1985, 0.376, SSW
70	GREG'S AUTOMOTIVE	DUTTON	Notify 65	Lower	2045, 0.387, West
71	PRESTIGE ACURA	2840 CORBY AVENUE	LUST, SWEEPS UST, HIST CORTESE	Lower	2054, 0.389, SSW
O72	MOUNTAIN VIEW MOBILE	2860 SANTA ROSA AVEN	CPS-SLIC, NON-CASE INFO	Lower	2139, 0.405, South
O73	YAEGER & KIRK LUMBER	2875 SANTA ROSA	LUST, HIST CORTESE	Lower	2203, 0.417, South
O74	YAEGER & KIRK LUMBER	SANTA ROSA AVENUE 28	LUST	Lower	2221, 0.421, South
75	SUMMERHILL / KAUFMAN	PETALUMA HILL & BURT	CPS-SLIC	Lower	2261, 0.428, SE
P76	EMPIRE DIAGNOSTIC	COLGAN AVENUE 125	LUST	Higher	2307, 0.437, North
Q77	ARCO #1318	1745 SANTA ROSA AVEN	LUST, ENF, HIST CORTESE, CIWQS	Higher	2320, 0.439, NNW
Q78	SALIM SARMAST	1745 SANTA ROSA AVE	SWEEPS UST, CA FID UST, Cortese	Higher	2320, 0.439, NNW

MAPPED SITES SUMMARY

Target Property Address:
 NEQ OF SANTA ROSA AVENUE & YOLANDA AVE
 SANTA ROSA, CA 95404

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q79	FORMER ARCO STATION	1745 SANAT ROSA AVE	Notify 65	Higher	2320, 0.439, NNW
R80	EMPIRE SWIFT PLUMBIN	244 COLGAN AVENUE	LUST, HIST CORTESE	Higher	2425, 0.459, North
P81	SHELL (STEEL BEAR DE	1750 SANTA ROSA AVEN	LUST	Higher	2441, 0.462, North
S82	FREEMAN TOYOTA	2875 CORBY AVE	RCRA-SQG, LUST, AST, FINDS, ECHO, EMI, HAZNET,...	Lower	2448, 0.464, SSW
S83	FREEMAN TOYOTA	2875 CORBY	LUST, HIST CORTESE, Notify 65	Lower	2448, 0.464, SSW
S84	SMOTHERS VOLVO	2881 CORBY AVE	LUST, HIST UST, HIST CORTESE	Lower	2498, 0.473, SSW
S85	SMOTHERS EUROPEAN	2881 CORBY AVE	RCRA-SQG, LUST, SWEEPS UST, CA FID UST, FINDS,...	Lower	2498, 0.473, SSW
R86	EMPIRE DIAGNOSTIC	125 COLGAN AVENUE	LUST, HIST CORTESE	Higher	2509, 0.475, North
Q87	CHEVRON #9-1168	1715 SANTA ROSA AVEN	LUST, HIST CORTESE	Higher	2543, 0.482, North
88	FOUCHE BROS	2290 DUTTON AVENUE	ENVIROSTOR, CPS-SLIC	Lower	2643, 0.501, WNW
89	PRESTIGE LINCOLN MER	2979 CORBY AVENUE	LUST, HIST CORTESE, Notify 65	Lower	3088, 0.585, SSW
T90	BROMLEY PROPERTY	1500 SANTA ROSA	LUST, CPS-SLIC, HIST CORTESE, Notify 65	Higher	3127, 0.592, North
U91	MANCINI ESTATE/RUNDE	3373 PETALUMA HILL R	Notify 65	Higher	3128, 0.592, SE
92	METAL ENGINEERING	532 ASTON AVE	LUST, SWEEPS UST, HIST UST, CA FID UST, Notify 65	Higher	3131, 0.593, NNE
U93		3375 PETALUMA HILL R	Notify 65	Lower	3146, 0.596, SE
T94	TRANSCO TRANSMISSION	1470 SANTA ROSA AVEN	ENVIROSTOR, LUST, HIST CORTESE, Notify 65	Higher	3306, 0.626, North
95	GOLDEN TECHNOLOGY SI	3017 AND 3019 SANTA	RESPONSE, ENVIROSTOR, HIST Cal-Sites, DEED	Lower	3392, 0.642, South
V96	RINO GAS	1410 SANTA ROSA AVEN	Notify 65	Higher	3406, 0.645, North
V97	RINO GAS	1410 SANTA ROSA AVEN	Notify 65	Higher	3406, 0.645, North
W98	RESIDENCE	1267 CORBY AVE	Notify 65	Higher	4074, 0.772, NNW
W99	RESIDENCE	1267 CORBY AVE	Notify 65	Higher	4074, 0.772, NNW
W100	RESIDENCE	1267 CORBY AVE	Notify 65	Higher	4074, 0.772, NNW
101	SANTA ROSA PLATING W	80 BARHAM AVE	ENVIROSTOR	Higher	4626, 0.876, NNW
102	MEADOWVIEW ELEMENTAR	2641 DUTTON MEADOW	ENVIROSTOR, SCH	Lower	4655, 0.882, West
103	ROSELAND UNIVERSITY	1777 WEST AVENUE	ENVIROSTOR, SCH	Lower	4700, 0.890, WNW
104	SANTA ROSA CIRCUITS	35 AND 48 WEST BARHA	ENVIROSTOR	Higher	4873, 0.923, NNW
105	MEADOW VIEW EXPANSIO	1550 & 1590 HEARN AV	ENVIROSTOR, SCH	Lower	5034, 0.953, West
106	TORVICK INC	1015 SANTA ROSA AVE	RCRA-SQG, LUST, FINDS, ECHO, HAZNET, HIST CORTESE,...	Higher	5066, 0.959, North
107	DIBBLES AUTO CENTER	965 SANTA ROSA AVE	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Higher	5218, 0.988, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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 CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

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

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

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

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

EXECUTIVE SUMMARY

DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
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
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
ABANDONED MINES..... Abandoned Mines
FINDS..... Facility Index System/Facility Registry System
UXO..... Unexploded Ordnance Sites
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
ECHO..... Enforcement & Compliance History Information
FUELS PROGRAM..... EPA Fuels Program Registered Listing
CA BOND EXP. PLAN..... Bond Expenditure Plan
DRYCLEANERS..... Cleaner Facilities
EMI..... Emissions Inventory Data
ENF..... Enforcement Action Listing
Financial Assurance..... Financial Assurance Information Listing
HAZNET..... Facility and Manifest Data

EXECUTIVE SUMMARY

ICE.....	ICE
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits 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
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
UIC GEO.....	UIC GEO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
CIWQS.....	California Integrated Water Quality System
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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 12/11/2017 has revealed that there are 6 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>
<i>FIREFORM PORCELAIN I</i>	<i>368 YOLANDA AVE</i>	<i>SE 0 - 1/8 (0.059 mi.)</i>	<i>B7</i>	<i>27</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MALM METAL PRODS INC</i>	<i>2640 SANTA ROSA AVE</i>	<i>SSW 0 - 1/8 (0.060 mi.)</i>	<i>C11</i>	<i>31</i>
<i>SIETZ EUROPEAN MOTOR</i>	<i>112 COMMERCIAL COURT</i>	<i>NNW 1/8 - 1/4 (0.170 mi.)</i>	<i>F25</i>	<i>104</i>
<i>GOLDEN GATE NORTH</i>	<i>112 COMMERCIAL CT.</i>	<i>NNW 1/8 - 1/4 (0.170 mi.)</i>	<i>F26</i>	<i>113</i>
<i>MANLY AUTOCENTER</i>	<i>2701 CORBY AVENUE</i>	<i>WSW 1/8 - 1/4 (0.216 mi.)</i>	<i>I36</i>	<i>133</i>
<i>SHELL SERVICE STATIO</i>	<i>2575 CORBY DR</i>	<i>W 1/8 - 1/4 (0.226 mi.)</i>	<i>K45</i>	<i>160</i>

State- and tribal - equivalent NPL

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE 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>GOLDEN TECHNOLOGY SI</i>	<i>3017 AND 3019 SANTA</i>	<i>S 1/2 - 1 (0.642 mi.)</i>	<i>95</i>	<i>320</i>
Database: RESPONSE, Date of Government Version: 01/30/2018				
Status: Active				
Facility Id: 49390001				

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

EXECUTIVE SUMMARY

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 01/30/2018 has revealed that there are 9 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>
BURT STREET DEVELOPM Facility Id: 49010001 Status: No Further Action	YOLANDA & PETALUMA R	ESE 1/4 - 1/2 (0.310 mi.)	M60	211
TRANSCO TRANSMISSION Facility Id: 49340002 Status: Refer: RWQCB	1470 SANTA ROSA AVEN	N 1/2 - 1 (0.626 mi.)	T94	314
SANTA ROSA PLATING W Facility Id: 49340003 Status: No Further Action	80 BARHAM AVE	NNW 1/2 - 1 (0.876 mi.)	101	362
SANTA ROSA CIRCUITS Facility Id: 49360001 Status: Refer: RWQCB	35 AND 48 WEST BARHA	NNW 1/2 - 1 (0.923 mi.)	104	373
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOUCHE BROS Facility Id: 49500004 Status: Refer: RWQCB	2290 DUTTON AVENUE	WNW 1/2 - 1 (0.501 mi.)	88	288
GOLDEN TECHNOLOGY SI Facility Id: 49390001 Status: Active	3017 AND 3019 SANTA	S 1/2 - 1 (0.642 mi.)	95	320
MEADOWVIEW ELEMENTAR Facility Id: 60001076 Status: Certified	2641 DUTTON MEADOW	W 1/2 - 1 (0.882 mi.)	102	363
ROSELAND UNIVERSITY Facility Id: 60001798 Status: No Further Action	1777 WEST AVENUE	WNW 1/2 - 1 (0.890 mi.)	103	369
MEADOW VIEW EXPANSIO Facility Id: 60001963 Status: Inactive - Withdrawn	1550 & 1590 HEARN AV	W 1/2 - 1 (0.953 mi.)	105	374

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 41 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>
HULSMAN TRANSPORTATI Database: LUST REG 1, Date of Government Version: 02/01/2001 Database: LUST, Date of Government Version: 03/12/2018	325 YOLANDA AVENUE	ESE 0 - 1/8 (0.082 mi.)	D17	49

EXECUTIVE SUMMARY

Status: Completed - Case Closed

Facility Id: 1TSR050

Global Id: T0609700572

GROG SHOP	2296 SANTA ROSA	N 1/8 - 1/4 (0.137 mi.)	19	63
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Facility Id: 1TSR298				
Global Id: T0609700736				
REDWOOD OIL COMPANY	455 YOLANDA AVENUE	E 1/8 - 1/4 (0.149 mi.)	E22	71
Database: LUST, Date of Government Version: 03/12/2018				
Status: Open - Remediation				
Global Id: T0609700708				
REDWOOD OIL #141 (BU	YOLANDA AVENUE 455	E 1/8 - 1/4 (0.149 mi.)	E24	103
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR261				
FLYERS ENERGY 3017	459 YOLANDA AVENUE	ESE 1/8 - 1/4 (0.194 mi.)	G29	117
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR052				
PRIVATE RESIDENCE	PRIVATE RESIDENCE	ESE 1/8 - 1/4 (0.210 mi.)	G31	122
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700574				
S & W INVESTMENTS	2159 SANTA ROSA	NNW 1/8 - 1/4 (0.220 mi.)	J39	143
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Facility Id: 1TSR012				
Global Id: T0609700536				
JOE'S PERFORMANCE TO	2151 SANTA ROSA	N 1/8 - 1/4 (0.229 mi.)	J48	166
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700726				
OE'S PERFORMANCE	SANTA ROSA AVENUE 21	N 1/8 - 1/4 (0.229 mi.)	J49	169
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR280				
CHEVRON #9-6449	2200 SANTA ROSA AVEN	NNE 1/4 - 1/2 (0.281 mi.)	59	209
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Facility Id: 1TSR210				
Global Id: T0609700685				
STANDARD BRANDS PAIN	1993 SANTA ROSA AVEN	N 1/4 - 1/2 (0.322 mi.)	62	214
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Facility Id: 1TSR314				
Global Id: T0609700745				
EMPIRE DIAGNOSTIC	COLGAN AVENUE 125	N 1/4 - 1/2 (0.437 mi.)	P76	246
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR175				
ARCO #1318	1745 SANTA ROSA AVEN	NNW 1/4 - 1/2 (0.439 mi.)	Q77	247
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Database: LUST, Date of Government Version: 03/12/2018				

EXECUTIVE SUMMARY

Status: Completed - Case Closed

Facility Id: 1TSR271

Global Id: T0609700718

CORBY SHELL	2575 CORBY AVE	W 1/8 - 1/4 (0.226 mi.)	K43	148
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Facility Id: 1TSO135				
Global Id: T0609700103				
SHELL SERVICE STATIO	2575 CORBY DR	W 1/8 - 1/4 (0.226 mi.)	K45	160
Database: SONOMA CO. LUST, Date of Government Version: 04/03/2018				
Global ID: T0609700103				
AM/PM MINI MART	440 HEARN AVENUE	W 1/8 - 1/4 (0.249 mi.)	K54	180
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Open - Remediation				
Facility Id: 1TSR150				
Global Id: T0609700647				
BIDDULPH CHEVROLET	2770 CORBY AVE	SW 1/4 - 1/2 (0.266 mi.)	56	195
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Facility Id: 1TSR116				
Global Id: T0609700627				
MANLY HONDA	2750 CORBY	SW 1/4 - 1/2 (0.269 mi.)	L57	207
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700717				
MANLY HONDA	CORBY AVENUE 2750	SW 1/4 - 1/2 (0.269 mi.)	L58	209
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR270				
MEAD CLARK LUMBER SU	RAILROAD AVENUE 175	W 1/4 - 1/2 (0.339 mi.)	63	216
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR016				
PRESTIG IMPORTS	2800 CORBY AVE	SSW 1/4 - 1/2 (0.345 mi.)	N64	216
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Facility Id: 1TSR048				
Global Id: T0609700571				
PRESTIGE ACURA	CORBY AVENUE 2840	SSW 1/4 - 1/2 (0.351 mi.)	N66	237
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR332				
SANTA ROSA AMC-JEEP	2820 CORBY AVE	SSW 1/4 - 1/2 (0.376 mi.)	N68	238
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR333				
ZUMWALT MAGRINI USED	2820 CORBY	SSW 1/4 - 1/2 (0.376 mi.)	N69	239
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700755				
PRESTIGE ACURA	2840 CORBY AVENUE	SSW 1/4 - 1/2 (0.389 mi.)	71	241
Database: LUST, Date of Government Version: 03/12/2018				

EXECUTIVE SUMMARY

Status: Completed - Case Closed
Global Id: T0609700754

YAEGER & KIRK LUMBER	2875 SANTA ROSA	S 1/4 - 1/2 (0.417 mi.)	O73	244
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700556				
YAEGER & KIRK LUMBER	SANTA ROSA AVENUE 28	S 1/4 - 1/2 (0.421 mi.)	O74	246
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR033				
FREEMAN TOYOTA	2875 CORBY AVE	SSW 1/4 - 1/2 (0.464 mi.)	S82	267
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR124				
FREEMAN TOYOTA	2875 CORBY	SSW 1/4 - 1/2 (0.464 mi.)	S83	277
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700631				
SMOTHERS VOLVO	2881 CORBY AVE	SSW 1/4 - 1/2 (0.473 mi.)	S84	279
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700697				
SMOTHERS EUROPEAN	2881 CORBY AVE	SSW 1/4 - 1/2 (0.473 mi.)	S85	281
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR250				

CPS-SLIC: 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.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 9 CPS-SLIC 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>
FIREFORM PORCELAIN I	368 YOLANDA AVE	SE 0 - 1/8 (0.059 mi.)	B7	27
Database: CPS-SLIC, Date of Government Version: 03/12/2018				
Global Id: T0609793468				
Facility Status: Open - Site Assessment				
KAWANA SPRINGS PIPEL	KAWANA SPRINGS	ENE 1/4 - 1/2 (0.321 mi.)	61	214
Database: SLIC REG 1, Date of Government Version: 04/03/2003				
Database: CPS-SLIC, Date of Government Version: 03/12/2018				
Global Id: T0609791104				
Facility Id: 1NSR377				
Facility Status: Completed - Case Closed				
DAVIDSON, WILLIAM	800 YOLANDA AVENUE	ESE 1/4 - 1/2 (0.348 mi.)	M65	237
Database: CPS-SLIC, Date of Government Version: 03/12/2018				
Global Id: SL0609752583				
Facility Status: Completed - Case Closed				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SANTA ROSA PLUME AT	YOLANDA AT SANTA ROS	SSW 0 - 1/8 (0.060 mi.)	C9	31
Database: SLIC REG 1, Date of Government Version: 04/03/2003				

EXECUTIVE SUMMARY

Facility Id: 1NSR354				
AUTO LIFE CENTER	2698 SANTA ROSA AVEN	SSW 0 - 1/8 (0.067 mi.)	C13	44
Database: CPS-SLIC, Date of Government Version: 03/12/2018				
Global Id: SL0609725310				
Facility Status: Completed - Case Closed				
LYLES TACKLE SHOP	2690 SANTA ROSA AVEN	SSW 0 - 1/8 (0.077 mi.)	C14	46
Database: SLIC REG 1, Date of Government Version: 04/03/2003				
Database: CPS-SLIC, Date of Government Version: 03/12/2018				
Global Id: T0609793387				
Facility Id: 1NSR346				
Facility Status: Completed - Case Closed				
AM AND PM MINI MARKE	440 HEARN AVE	W 1/8 - 1/4 (0.249 mi.)	K55	191
Database: CPS-SLIC, Date of Government Version: 03/12/2018				
Global Id: T0609765989				
Facility Status: Completed - Case Closed				
MOUNTAIN VIEW MOBILE	2860 SANTA ROSA AVEN	S 1/4 - 1/2 (0.405 mi.)	O72	243
Database: SLIC REG 1, Date of Government Version: 04/03/2003				
Facility Id: 1NSR345				
SUMMERHILL / KAUFMAN	PETALUMA HILL & BURT	SE 1/4 - 1/2 (0.428 mi.)	75	246
Database: SLIC REG 1, Date of Government Version: 04/03/2003				
Database: CPS-SLIC, Date of Government Version: 03/12/2018				
Global Id: T0609793364				
Facility Id: 1NSR308				
Facility Status: Open - Inactive				

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 5 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>
FLYERS #479	459 YOLANDA AVE	ESE 1/8 - 1/4 (0.194 mi.)	G30	122
Database: UST, Date of Government Version: 03/12/2018				
Facility Id: 49-060-000577				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
7-ELEVEN #33277	2648 SANTA ROSA AVEN	SSW 0 - 1/8 (0.057 mi.)	C6	26
Database: UST, Date of Government Version: 03/12/2018				
MANLY OLDSMOBILE - G	2701 CORBY AVENUE	WSW 1/8 - 1/4 (0.216 mi.)	I35	132
Database: UST, Date of Government Version: 03/12/2018				
Facility Id: 49-060-000011				
CORBY SHELL	2575 CORBY AVENUE	W 1/8 - 1/4 (0.226 mi.)	K46	163
Database: UST, Date of Government Version: 03/12/2018				
Facility Id: 49-000-000217				
A&M MINI MARKET - ST	440 HEARN AVE	W 1/8 - 1/4 (0.249 mi.)	K50	169
Database: UST, Date of Government Version: 03/12/2018				

EXECUTIVE SUMMARY

Facility Id: 49-060-000015

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 3 AST 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>
REDWOOD OIL COMPANY Database: AST, Date of Government Version: 07/06/2016	455 YOLANDA AVE.	E 1/8 - 1/4 (0.149 mi.)	E21	71

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BAVARIAN TUNING Database: AST, Date of Government Version: 07/06/2016	112 COMMERCIAL CT	NNW 1/8 - 1/4 (0.170 mi.)	F27	115
MANLY AUTOCENTER Database: AST, Date of Government Version: 07/06/2016	2701 CORBY	WSW 1/8 - 1/4 (0.216 mi.)	I34	131

State and tribal voluntary cleanup sites

VCP: 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.

A review of the VCP list, as provided by EDR, and dated 01/30/2018 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BURT STREET DEVELOPM Status: No Further Action Facility Id: 49010001	YOLANDA & PETALUMA R	ESE 1/4 - 1/2 (0.310 mi.)	M60	211

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

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

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites 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>
GOLDEN TECHNOLOGY SI	3017 AND 3019 SANTA	S 1/2 - 1 (0.642 mi.)	95	320

EXECUTIVE SUMMARY

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 10 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>
HULSMAN TRANS Status: A Tank Status: A Comp Number: 12134	325 YOLANDA AVE	ESE 0 - 1/8 (0.082 mi.)	D15	46
SANTA ROSA PLANT Status: A Tank Status: A Comp Number: 2686	455 YOLANDA AVE	E 1/8 - 1/4 (0.149 mi.)	E23	98
SMOTHERS AUTO CTR. I Status: A Tank Status: A Comp Number: 2667	2157 SANTA ROSA AVE	NNW 1/8 - 1/4 (0.222 mi.)	J40	145
JOE'S PERFORMANCE TO Status: A Tank Status: A Comp Number: 23826	2151 SANTA ROSA	N 1/8 - 1/4 (0.229 mi.)	J47	164
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MANLY AUTOCENTER Status: A Tank Status: A Comp Number: 165	2701 CORBY AVENUE	WSW 1/8 - 1/4 (0.216 mi.)	I36	133
MANLY MITSUBISHI Comp Number: 2684	2755 CORBY AVENUE	SW 1/8 - 1/4 (0.220 mi.)	I38	140
COLBY AVENUE SHELL Status: A Tank Status: A Comp Number: 2097	2575 CORBY AVE	W 1/8 - 1/4 (0.226 mi.)	K42	146
CORBY SHELL Status: A Tank Status: A Comp Number: 67170	2575 CORBY AVE	W 1/8 - 1/4 (0.226 mi.)	K43	148
AM MINI MARKET DBA S Status: A Tank Status: A Comp Number: 1529	440 HEARN AVE	W 1/8 - 1/4 (0.249 mi.)	K53	173
AM AND PM MINI MARKE Status: A Tank Status: A	440 HEARN AVE	W 1/8 - 1/4 (0.249 mi.)	K55	191

EXECUTIVE SUMMARY

Comp Number: 53359

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 8 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>
HULSMAN TRANS Facility Id: 00000012134	325 YOLANDA AVE	ESE 0 - 1/8 (0.082 mi.)	D16	48
SANTA ROSA PLANT Facility Id: 00000002686	455 YOLANDA AVE	E 1/8 - 1/4 (0.149 mi.)	E20	65
SMOTHERS AUTO CTR IN Facility Id: 00000002667	2157 SANTA ROSA AVE	NNW 1/8 - 1/4 (0.222 mi.)	J41	145
JOE'S PERFORMANCE TO JOE'S PERFORMANCE TO Facility Id: 00000023826	2151 SANTA ROSA 2151 SANTA ROSA	N 1/8 - 1/4 (0.229 mi.) N 1/8 - 1/4 (0.229 mi.)	J47 J48	164 166

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MANLY OLDS GMC TRUCK Facility Id: 00000002684	2755 CORBY AVE	SW 1/8 - 1/4 (0.220 mi.)	I37	137
PAUL M KALTENBACH Facility Id: 00000067170	2575 CORBY	W 1/8 - 1/4 (0.226 mi.)	K44	159
A AND M MINI MARKET Facility Id: 00000053359	440 HEAN AVE	W 1/8 - 1/4 (0.249 mi.)	K52	172

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 7 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>
HULSMAN TRANS Facility Id: 49000161 Status: A	325 YOLANDA AVE	ESE 0 - 1/8 (0.082 mi.)	D15	46
SANTA ROSA PLANT Facility Id: 49000103 Status: A	455 YOLANDA AVE	E 1/8 - 1/4 (0.149 mi.)	E23	98
SMOTHERS AUTO CTR. I Facility Id: 49003668 Status: A	2157 SANTA ROSA AVE	NNW 1/8 - 1/4 (0.222 mi.)	J40	145
JOE'S PERFORMANCE TO Facility Id: 49002659 Status: A	2151 SANTA ROSA	N 1/8 - 1/4 (0.229 mi.)	J47	164

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MANLY OLDS GMC TRUCK	2755 CORBY AVE	SW 1/8 - 1/4 (0.220 mi.)	I37	137

EXECUTIVE SUMMARY

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>
CORBY SHELL Database: CUPA SONOMA, Date of Government Version: 03/01/2018 internal Field: Inactive	2575 CORBY AVE	W 1/8 - 1/4 (0.226 mi.)	K43	148

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 28 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>
HULSMAN TRANSPORTATI Reg Id: 1TSR050	325 YOLANDA AVENUE	ESE 0 - 1/8 (0.082 mi.)	D17	49
GROG SHOP Reg Id: 1TSR298	2296 SANTA ROSA	N 1/8 - 1/4 (0.137 mi.)	19	63
REDWOOD OIL COMPANY Reg Id: 1B1SO164NUG Reg Id: 1TSR261	455 YOLANDA AVENUE	E 1/8 - 1/4 (0.149 mi.)	E22	71
FLYERS ENERGY 3017 Reg Id: 1TSR052	459 YOLANDA AVENUE	ESE 1/8 - 1/4 (0.194 mi.)	G29	117
S & W INVESTMENTS Reg Id: 1TSR012	2159 SANTA ROSA	NNW 1/8 - 1/4 (0.220 mi.)	J39	143
JOE'S PERFORMANCE TO Reg Id: 1TSR280	2151 SANTA ROSA	N 1/8 - 1/4 (0.229 mi.)	J48	166
CHEVRON #9-6449 Reg Id: 1TSR210	2200 SANTA ROSA AVEN	NNE 1/4 - 1/2 (0.281 mi.)	59	209
STANDARD BRANDS PAIN Reg Id: 1TSR314	1993 SANTA ROSA AVEN	N 1/4 - 1/2 (0.322 mi.)	62	214
ARCO #1318 Reg Id: 1TSR029 Reg Id: 1B91002N SON	1745 SANTA ROSA AVEN	NNW 1/4 - 1/2 (0.439 mi.)	Q77	247
EMPIRE SWIFT PLUMBIN Reg Id: 1TSR172	244 COLGAN AVENUE	N 1/4 - 1/2 (0.459 mi.)	R80	261
EMPIRE DIAGNOSTIC Reg Id: 1TSR175	125 COLGAN AVENUE	N 1/4 - 1/2 (0.475 mi.)	R86	283
CHEVRON #9-1168 Reg Id: 1TSR102	1715 SANTA ROSA AVEN	N 1/4 - 1/2 (0.482 mi.)	Q87	285

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MICHAEL'S AUTO Reg Id: 1B1SR044NUG Reg Id: 1TSR044	2642 SANTA ROSA AVEN	S 0 - 1/8 (0.028 mi.)	A4	21
MALM METAL PRODS INC	2640 SANTA ROSA AVE	SSW 0 - 1/8 (0.060 mi.)	C11	31

EXECUTIVE SUMMARY

Reg Id: 1TSR256				
AUTO LIFE CENTER	2698 SANTA ROSA AVEN	SSW 0 - 1/8 (0.067 mi.)	C13	44
Reg Id: 1TSR329				
HEPPER, TOM	2775 SANTA ROSA AVEN	SSW 1/8 - 1/4 (0.214 mi.)	H33	124
Reg Id: 1TSR099				
MANLY MITSUBISHI	2755 CORBY AVENUE	SW 1/8 - 1/4 (0.220 mi.)	I38	140
Reg Id: 1TSR271				
CORBY SHELL	2575 CORBY AVE	W 1/8 - 1/4 (0.226 mi.)	K43	148
Reg Id: 1TSO135				
AM/PM MINI MART	440 HEARN AVENUE	W 1/8 - 1/4 (0.249 mi.)	K54	180
Reg Id: 1TSR150				
BIDDULPH CHEVROLET	2770 CORBY AVE	SW 1/4 - 1/2 (0.266 mi.)	56	195
Reg Id: 1B1SR116NUG				
Reg Id: 1TSR116				
MANLY HONDA	2750 CORBY	SW 1/4 - 1/2 (0.269 mi.)	L57	207
Reg Id: 1TSR270				
PRESTIG IMPORTS	2800 CORBY AVE	SSW 1/4 - 1/2 (0.345 mi.)	N64	216
Reg Id: 1TSR048				
Reg Id: 1B1SR048NUG				
MEAD CLARK LUMBER SU	3RD ST	WSW 1/4 - 1/2 (0.367 mi.)	67	237
Reg Id: 1TSR198				
Reg Id: 1TSR016				
ZUMWALT MAGRINI USED	2820 CORBY	SSW 1/4 - 1/2 (0.376 mi.)	N69	239
Reg Id: 1TSR333				
PRESTIGE ACURA	2840 CORBY AVENUE	SSW 1/4 - 1/2 (0.389 mi.)	71	241
Reg Id: 1TSR332				
YAEGER & KIRK LUMBER	2875 SANTA ROSA	S 1/4 - 1/2 (0.417 mi.)	O73	244
Reg Id: 1TSR033				
FREEMAN TOYOTA	2875 CORBY	SSW 1/4 - 1/2 (0.464 mi.)	S83	277
Reg Id: 1TSR124				
SMOTHERS VOLVO	2881 CORBY AVE	SSW 1/4 - 1/2 (0.473 mi.)	S84	279
Reg Id: 1TSR250				

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 03/23/2018 has revealed that there are 20 Notify 65 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>
REDWOOD OIL COMPANY	455 YOLANDA AVENUE	E 1/8 - 1/4 (0.149 mi.)	E22	71
FLYERS ENERGY 3017	459 YOLANDA AVENUE	ESE 1/8 - 1/4 (0.194 mi.)	G29	117
FORMER ARCO STATION	1745 SANAT ROSA AVE	NNW 1/4 - 1/2 (0.439 mi.)	Q79	260
BROMLEY PROPERTY	1500 SANTA ROSA	N 1/2 - 1 (0.592 mi.)	T90	296
MANCINI ESTATE/RUNDE	3373 PETALUMA HILL R	SE 1/2 - 1 (0.592 mi.)	U91	302
METAL ENGINEERING	532 ASTON AVE	NNE 1/2 - 1 (0.593 mi.)	92	302
TRANSCO TRANSMISSION	1470 SANTA ROSA AVEN	N 1/2 - 1 (0.626 mi.)	T94	314
RINO GAS	1410 SANTA ROSA AVEN	N 1/2 - 1 (0.645 mi.)	V96	360
RINO GAS	1410 SANTA ROSA AVEN	N 1/2 - 1 (0.645 mi.)	V97	361

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RESIDENCE	1267 CORBY AVE	NNW 1/2 - 1 (0.772 mi.)	W98	361
RESIDENCE	1267 CORBY AVE	NNW 1/2 - 1 (0.772 mi.)	W99	361
RESIDENCE	1267 CORBY AVE	NNW 1/2 - 1 (0.772 mi.)	W100	361
TORVICK INC	1015 SANTA ROSA AVE	N 1/2 - 1 (0.959 mi.)	106	376
DIBBLES AUTO CENTER	965 SANTA ROSA AVE	N 1/2 - 1 (0.988 mi.)	107	381
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HEPPER, TOM	2775 SANTA ROSA AVEN	SSW 1/8 - 1/4 (0.214 mi.)	H33	124
AM/PM MINI MART	440 HEARN AVENUE	W 1/8 - 1/4 (0.249 mi.)	K54	180
GREG'S AUTOMOTIVE	DUTTON	W 1/4 - 1/2 (0.387 mi.)	70	241
FREEMAN TOYOTA	2875 CORBY	SSW 1/4 - 1/2 (0.464 mi.)	S83	277
PRESTIGE LINCOLN MER	2979 CORBY AVENUE	SSW 1/2 - 1 (0.585 mi.)	89	290
Not reported	3375 PETALUMA HILL R	SE 1/2 - 1 (0.596 mi.)	U93	314

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 7 EDR Hist Auto sites within approximately 0.125 miles of the target property.

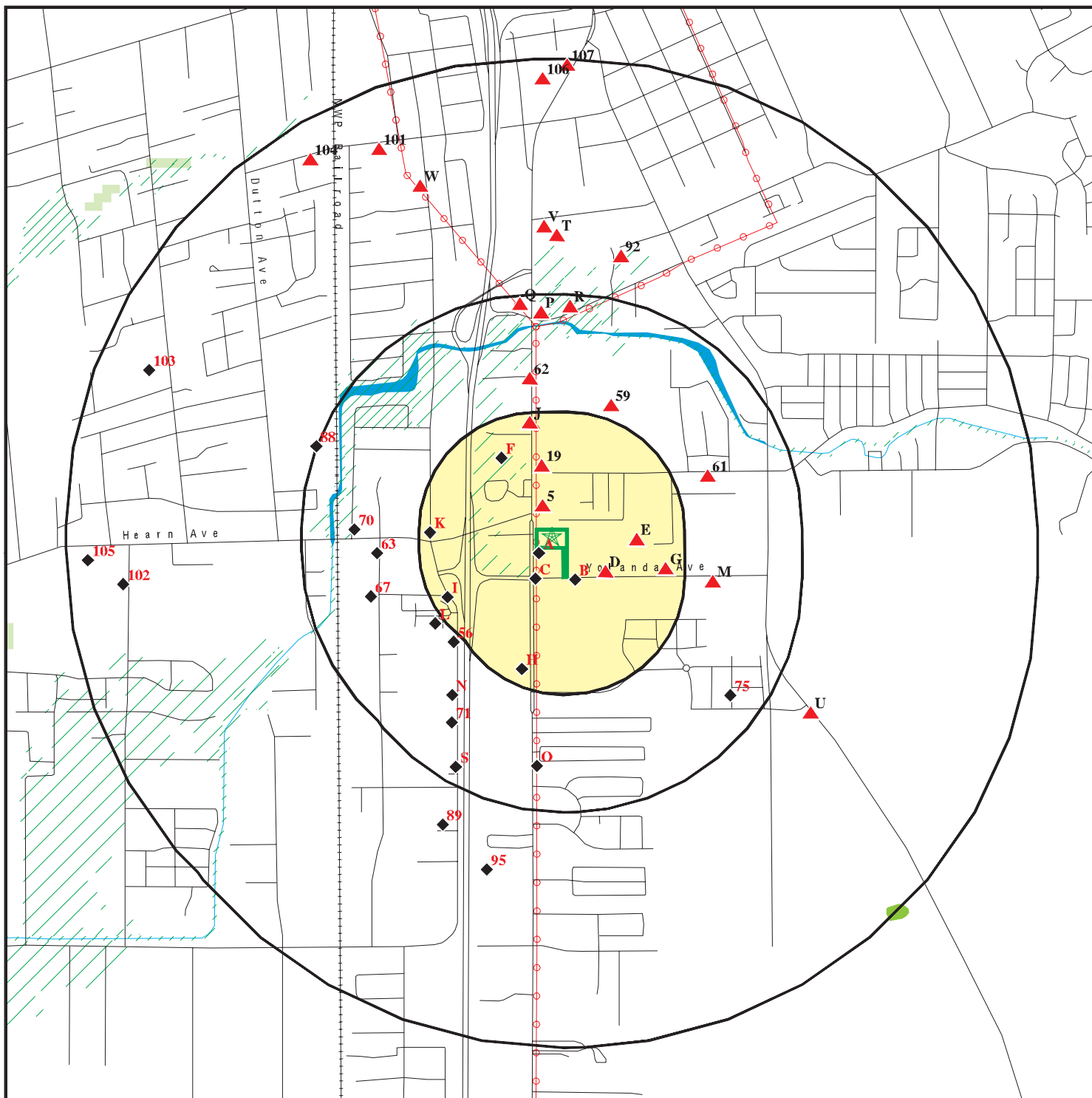
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DAVES AUTO RADIO REP	2450 SANTA ROSA AVE	NNW 0 - 1/8 (0.052 mi.)	5	26
B BILLS AUTO PARTS	368 YOLANDA AVE	SE 0 - 1/8 (0.059 mi.)	B8	30
AUTOKRAFT	325 YOLANDA AVE	ESE 0 - 1/8 (0.082 mi.)	D18	63
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTH BAY HONDA SLS	2612 SANTA ROSA AVE	SW 0 - 1/8 (0.011 mi.)	A1	8
GERRICK STEVE EXXON	2642 SANTA ROSA AVE	S 0 - 1/8 (0.028 mi.)	A3	20
NOLAN C R AUTO REPAI	2626 SANTA ROSA AVE	SSW 0 - 1/8 (0.060 mi.)	A10	31
AUTO LIFE CENTER AUT	2698 SANTA ROSA AVE	SSW 0 - 1/8 (0.067 mi.)	C12	43

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 18 records.

<u>Site Name</u>	<u>Database(s)</u>
SCDOT/DPW SANTA ROSA AVE STMWTR DR	RGA LUST
SCDOT/DPW SANTA ROSA AVE STMWTR DR	RGA LUST
SANTA ROSA DPW SEWER-SANTA ROSA AV	RGA LUST
SANTA ROSA DPW SEWER-SANTA ROSA AV	RGA LUST
SANTA ROSA CITY - SANTA ROSA AVENU	RGA LUST
SANTA ROSA CITY - SANTA ROSA AVENU	RGA LUST
SANTA ROSA PLUME AT YOLANDA	RGA LUST
SANTA ROSA PLUME AT YOLANDA	RGA LUST
SANTA ROSA PLUME AT YOLANDA	RGA LUST
FAST & EASY MART	LUST
STEVENSON EQUIPMENT	LUST
SANTA ROSA DPW SEWER-SANTA ROSA AV	FINDS
SCDOT/DPW SANTA ROSA AVE STMWTR DR	FINDS
SANTA ROSA CITY - SANTA ROSA AVENU	FINDS
SCDOT/DPW SANTA ROSA AVE STMWTR DR	CPS-SLIC
SANTA ROSA DPW SEWER-SANTA ROSA AV	CPS-SLIC
SANTA ROSA CITY - SANTA ROSA AVENU	CPS-SLIC
SIEMER'S NURSERY (FORMER)	CPS-SLIC

OVERVIEW MAP - 5320493.2S



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

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

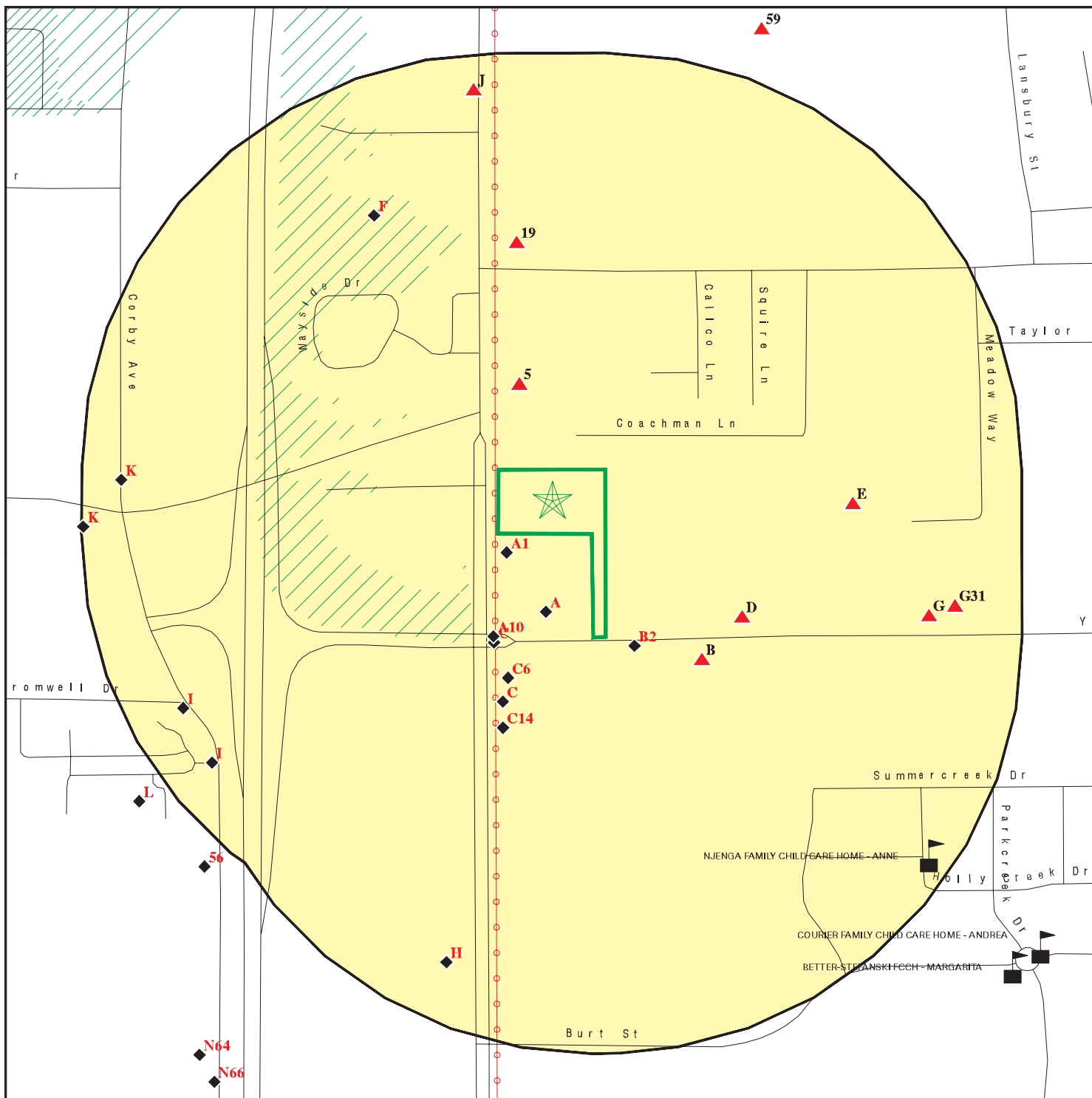
Areas of Concern







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: NEQ of Santa Rosa Avenue & Yolanda Ave
 ADDRESS: NEQ of Santa Rosa Avenue & Yolanda Ave
 Santa Rosa CA 95404
 LAT/LONG: 38.414434 / 122.712726

CLIENT: Partner Engineering and Science, Inc.
 CONTACT: Krystal Dimmeler
 INQUIRY #: 5320493.2s
 DATE: June 04, 2018 1:48 pm

DETAIL MAP - 5320493.2S



-  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
-  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: NEQ of Santa Rosa Avenue & Yolanda Ave
 ADDRESS: NEQ of Santa Rosa Avenue & Yolanda Ave
 Santa Rosa CA 95404
 LAT/LONG: 38.414434 / 122.712726

CLIENT: Partner Engineering and Science, Inc.
 CONTACT: Krystal Dimmeler
 INQUIRY #: 5320493.2s
 DATE: June 04, 2018 1:58 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	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>								
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	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		2	4	NR	NR	NR	6
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<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	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	1	NR	1
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	1	8	NR	9
<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		4	14	23	NR	NR	41

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
CPS-SLIC	0.500		4	1	4	NR	NR	9
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	4	NR	NR	NR	5
AST	0.250		0	3	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	1	NR	NR	1
State and tribal Brownfields sites								
BROWNFIELDS	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								
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
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
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	1	NR	1
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	9	NR	NR	NR	10
HIST UST	0.250		1	7	NR	NR	NR	8
CA FID UST	0.250		1	6	NR	NR	NR	7
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	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

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	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	3	NR	NR	NR	3
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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		1	1	2	NR	NR	4
CUPA Listings	0.250		0	1	NR	NR	NR	1
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A1
SW
 < 1/8
 0.011 mi.
 60 ft.

NORTH BAY HONDA SLS & SERV
2612 SANTA ROSA AVE
SANTA ROSA, CA 95401

EDR Hist Auto **1014181166**
 N/A

Relative: EDR Hist Auto
Lower

Actual:
142 ft.

Year:	Name:	Type:
1976	HONDA OF SANTA ROSA SLS & SERV	MOTORCYCLE DEALERS AND REPAIRERS
1987	MANLY HONDA OF SANTA ROSA SIS	MOTORCYCLE DEALERS AND REPAIRERS
1990	NORTH BAY HONDA SLS & SERV	MOTORCYCLE DEALERS AND REPAIRERS
2000	CALRICH AUTOMOTIVE SERVICES	General Automotive Repair Shops
2000	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2001	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2002	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2003	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2004	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2005	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2006	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2007	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2008	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2009	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2010	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2011	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2012	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2013	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops
2014	HINKOS AUTO PERFORMANCE	General Automotive Repair Shops

B2
SSE
 < 1/8
 0.018 mi.
 95 ft.

MALM FIREPLACES
326 & 368 YOLANDA AVENUE
SANTA ROSA, CA 95407

Cortese **S110985146**
EMI **N/A**
ENF

Relative: CORTESE:
Lower

Actual:
143 ft.

Site 1 of 3 in cluster B

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:	03/01/1999
Region 2:	1
WID Id:	1B1SR354NSL
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders
Region:	CORTESE
Envirostor Id:	Not reported
Site/Facility Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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: 03/01/1999
Region 2: 1
WID Id: 1B1SR354NSL
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

EMI:

Year: 2013
County Code: 49
Air Basin: SF
Facility ID: 13085
Air District Name: BA
SIC Code: 7532
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: 0.197
Reactive Organic Gases Tons/Yr: 0.1807118
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: 2014
County Code: 49
Air Basin: SF
Facility ID: 13085
Air District Name: BA
SIC Code: 7532
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: 0.197115004
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

ENF:

Region: 1
Facility Id: 239274

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

Agency Name:	Crownover, Glen & Joyce
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Individual
# Of Agencies:	1
Place Latitude:	38.4132
Place Longitude:	-122.71185
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:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	1B1SR354NSL
Reg Measure Id:	166437
Reg Measure Type:	Unregulated
Region:	1
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:	Active
Status Date:	07/12/2011
Effective Date:	03/01/1999
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	340940
Region:	1
Order / Resolution Number:	R1-2007-0014
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/09/2007
Adoption/Issuance Date:	03/09/2007
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	CAO R1-2007-0014 for Malm Fireplaces
Description:	Not reported
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	239274
Agency Name:	Crownover, Glen & Joyce
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Individual
# Of Agencies:	1
Place Latitude:	38.4132
Place Longitude:	-122.71185
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	1B1SR354NSL
Reg Measure Id:	166437
Reg Measure Type:	Unregulated
Region:	1
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:	Active
Status Date:	07/12/2011
Effective Date:	03/01/1999
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):	340934
Region:	1
Order / Resolution Number:	R1-2001-0044
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	05/11/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	03/08/2007
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	CAO R1-2001-0044 for Malm Fireplaces
Description:	Not reported
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

Region:	1
Facility Id:	239274
Agency Name:	Crownover, Glen & Joyce
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Privately-Individual
# Of Agencies:	1
Place Latitude:	38.4132
Place Longitude:	-122.71185
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:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	1B1SR354NSL
Reg Measure Id:	166437
Reg Measure Type:	Unregulated
Region:	1
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:	Active
Status Date:	07/12/2011
Effective Date:	03/01/1999
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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):	226683
Region:	1
Order / Resolution Number:	R1-2000-0083
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	11/14/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/11/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	CAO R1-2000-0083 for Malm Fireplaces
Description:	Not reported
Program:	SLIC
Latest Milestone Completion Date:	2001-05-11
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	239274
Agency Name:	Not reported
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.4132
Place Longitude:	-122.71185
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:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	351534
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	08/29/2008
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:	1B1SR354NSL Malm Fireplaces
Description:	Not reported
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	239274
Agency Name:	Not reported
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.4132
Place Longitude:	-122.71185
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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	372384
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	12/02/2009
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 - 1B1SR354NSL Malm Fireplaces
Description:	Not reported
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	239274
Agency Name:	Not reported
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.4132
Place Longitude:	-122.71185
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:	Enf Action

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	248738
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	09/08/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/09/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR354NSL Malm Fireplaces
Description:	SUBMIT WORKPLAN FOR IMMEDIATE REMEDIATION OF THE TREAT.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	239274
Agency Name:	Not reported
Place Type:	Manufacturing
Place Subtype:	Manufacturing NEC
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.4132
Place Longitude:	-122.71185
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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
Effective Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	375156
Region:	1
Order / Resolution Number:	R1-2010-0059
Enforcement Action Type:	Admin Civil Liability
Effective Date:	06/23/2010
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/28/2010
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR354NSL Malm Fireplaces Inc.
Description:	ACL Hearing was cancelled and ACL dismissed 7/28/10.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$774,511.0
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

A3
South
< 1/8
0.028 mi.
149 ft.

GERRICK STEVE EXXON SERVICE
2642 SANTA ROSA AVE
SANTA ROSA, CA 95401

EDR Hist Auto 1014170275
N/A

Site 2 of 4 in cluster A

Relative: EDR Hist Auto
Lower

Actual:	Year:	Name:	Type:
141 ft.	1958	SIGNAL OIL CO	GASOLINE STATIONS
	1961	DAVIS SIGNAL SERV GAS STA	GASOLINE STATIONS
	1965	DAVIS SIGNAL SERV GAS STA	GASOLINE STATIONS
	1970	BUNDESEN ENCO SERVICE GAS STA	GASOLINE STATIONS
	1974	GERRICK STEVE EXXON SERVICE	Gasoline Service Stations
	1975	GERRICK STEVE EXXON SERVICE	Gasoline Service Stations
	1976	GERRICK STEVE EXXON SERVICE	Gasoline Service Stations
	1976	KARINEN GARAGE & RADIATOR	General Automotive Repair Shops
	1977	K & W AUTO SERVICE	General Automotive Repair Shops
	1977	GERRICK STEVE EXXON SERVICE	Gasoline Service Stations
	1978	GERRICK STEVE EXXON SERVICE	Gasoline Service Stations
	1978	K & W AUTO SERVICE	General Automotive Repair Shops
	1979	K & W AUTO SERVICE	General Automotive Repair Shops

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GERRICK STEVE EXXON SERVICE (Continued)

1014170275

1979	K & W AUTO SERVICE	General Automotive Repair Shops
1979	GERRICK STEVE EXXON SERVICE	Gasoline Service Stations
1980	GERRICK STEVE EXXON SERVICE	Gasoline Service Stations
1980	K & W AUTO SERVICE	General Automotive Repair Shops
1982	GERRICK STEVE EXXON SERVICE	Gasoline Service Stations
1983	GERRICK STEVE EXXON SERVICE	Gasoline Service Stations

A4
South
 < 1/8
 0.028 mi.
 149 ft.

MICHAEL'S AUTO
2642 SANTA ROSA AVENUE
SANTA ROSA, CA 95401

LUST S100467832
ENF N/A
HIST CORTESE

Site 3 of 4 in cluster A

Relative:
Lower
Actual:
141 ft.

LUST:
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700567
 Global Id: T0609700567
 Latitude: 38.4134529
 Longitude: -122.712814
 Status: Completed - Case Closed
 Status Date: 09/18/1998
 Case Worker: ZZZ
 RB Case Number: 1TSR044
 Local Agency: SANTA ROSA, CITY OF
 File Location: Not reported
 Local Case Number: Not reported
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:
 Global Id: T0609700567
 Contact Type: Regional Board Caseworker
 Contact Name: REGIONAL WATER BOARD SITE CLOSED
 Organization Name: NORTH COAST RWQCB (REGION 1)
 Address: 5550 SKYLANE BOULEVARD, SUITE A
 City: SANTA ROSA
 Email: craig.hunt@waterboards.ca.gov
 Phone Number: 7075762220

LUST:
 Global Id: T0609700567
 Action Type: ENFORCEMENT
 Date: 05/14/1992
 Action: * Historical Enforcement

Global Id: T0609700567
 Action Type: Other
 Date: 12/28/1987
 Action: Leak Discovery

Global Id: T0609700567
 Action Type: Other
 Date: 12/28/1987
 Action: Leak Reported

Global Id: T0609700567

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL'S AUTO (Continued)

S100467832

Action Type: Other
Date: 12/28/1987
Action: Leak Stopped

LUST:

Global Id: T0609700567
Status: Open - Case Begin Date
Status Date: 12/28/1987

Global Id: T0609700567
Status: Open - Site Assessment
Status Date: 01/11/1988

Global Id: T0609700567
Status: Open - Site Assessment
Status Date: 04/01/1988

Global Id: T0609700567
Status: Open - Site Assessment
Status Date: 05/05/1988

Global Id: T0609700567
Status: Open - Site Assessment
Status Date: 02/16/1993

Global Id: T0609700567
Status: Open - Remediation
Status Date: 09/17/1998

Global Id: T0609700567
Status: Open - Verification Monitoring
Status Date: 09/17/1998

Global Id: T0609700567
Status: Completed - Case Closed
Status Date: 09/18/1998

LUST REG 1:

Region: 1
Facility ID: 1TSR044
Staff Initials: Closed

ENF:

Region: 1
Facility Id: 240572
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 38.41299
Place Longitude: -122.713526
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL'S AUTO (Continued)

S100467832

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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	222350
Region:	1
Order / Resolution Number:	94-07102
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	12/23/1994
Adoption/Issuance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL'S AUTO (Continued)

S100467832

Achieve Date:	Not reported
Termination Date:	10/27/1998
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR044NUG Michael's Auto
Description:	CAO IDENTIFIES NEW RESPONSIBLY PARTIES. M&R PLAN & WORKPLANS FOR FURTHER INVEST & REMEDIATION REQUES
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	240572
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.41299
Place Longitude:	-122.713526
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL'S AUTO (Continued)

S100467832

Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224329
Region:	1
Order / Resolution Number:	92-071
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	05/14/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/27/1998
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR044NUG Michael's Auto
Description:	CAO ISSUED TO ENSURE PROMPT AND COMPLETE INVESTIGATION AND CLEANUP OF RELEASES.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

HIST CORTESE:

Region:	CORTESE
Facility County Code:	49
Reg By:	WBC&D
Reg Id:	1B1SR044NUG
Region:	CORTESE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL'S AUTO (Continued)

S100467832

Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR044

5
NNW
< 1/8
0.052 mi.
273 ft.

DAVES AUTO RADIO REPAIR
2450 SANTA ROSA AVE
SANTA ROSA, CA 95407

EDR Hist Auto 1014177706
N/A

Relative:
Higher

EDR Hist Auto

Actual:
145 ft.

Year:	Name:	Type:
1970	ROYS TEXACO SERVICE	GASOLINE STATIONS
1971	ROYS TEXACO	Gasoline Service Stations
1972	ROYS TEXACO	Gasoline Service Stations
1973	ROYS TEXACO	Gasoline Service Stations
1974	ROYS TEXACO	Gasoline Service Stations
1976	ROYS TEXACO SERVICE	GASOLINE STATIONS
1976	ROYS TEXACO	Gasoline Service Stations
1977	ROYS TEXACO	Gasoline Service Stations
1991	J&K FOREIGN AUTO SERVIC	General Automotive Repair Shops
1992	J&K FOREIGN AUTO SERVICE	General Automotive Repair Shops
1993	J&K FOREIGN AUTO SERVICE	General Automotive Repair Shops
2005	DAVES AUTO RADIO REPAIR	General Automotive Repair Shops
2006	DAVES AUTO RADIO REPAIR	General Automotive Repair Shops
2007	DAVES AUTO RADIO REPAIR	General Automotive Repair Shops
2008	DAVES AUTO RADIO REPAIR	General Automotive Repair Shops
2009	DAVES AUTO RADIO REPAIR	General Automotive Repair Shops
2010	DAVES AUTO RADIO REPAIR	General Automotive Repair Shops
2011	DAVES AUTO RADIO REPAIR	General Automotive Repair Shops
2012	DAVES AUTO RADIO REPAIR	General Automotive Repair Shops
2013	DAVES AUTO RADIO REPAIR	General Automotive Repair Shops
2014	DAVES AUTO RADIO REPAIR	General Automotive Repair Shops

C6
SSW
< 1/8
0.057 mi.
299 ft.

7-ELEVEN #33277
2648 SANTA ROSA AVENUE
SANTA ROSA, CA 95407

UST U004262773
N/A

Site 1 of 6 in cluster C

Relative:
Lower

UST:

Actual:
138 ft.

Facility ID: Not reported
Permitting Agency: Santa Rosa City Fire Department
Latitude: 37.271881
Longitude: -119.270233

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B7
SE
< 1/8
0.059 mi.
313 ft.

FIREFORM PORCELAIN INC
368 YOLANDA AVE
SANTA ROSA, CA 95404

Site 2 of 3 in cluster B

RCRA-SQG 1000473021
CPS-SLIC CAD982438376
FINDS
ECHO
HAZNET

Relative:
Higher

RCRA-SQG:

Actual:
145 ft.

Date form received by agency: 04/26/1993
Facility name: FIREFORM PORCELAIN INC
Facility address: 368 YOLANDA AVE
SANTA ROSA, CA 95404
EPA ID: CAD982438376
Contact: KEITH KEELER
Contact address: 368 YOLANDA AVE
SANTA ROSA, CA 95404
Contact country: US
Contact telephone: 707-523-0580
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: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JIM BURCH
Owner/operator address: 1275 N DUTTON
SANTA ROSA, CA 95401

Owner/operator country: Not reported
Owner/operator telephone: 707-545-4519
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIREFORM PORCELAIN INC (Continued)

1000473021

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

CPS-SLIC:

Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 06/01/2001
Global Id: T0609793468
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4127431867043
Longitude: -122.71109447155
Case Type: Cleanup Program Site
Case Worker: TNM
Local Agency: Not reported
RB Case Number: 1NSR354
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride
Site History: A metal fireplace fabrication factory operated at 368 Yolanda Avenue from 1963 to 1992, and at 326 Yolanda Avenue from 1972 to the present. A solvent dipping tank was used in the fireplace production process. In March 1999, the industrial solvent trichloroethylene (TCE) was detected in a domestic water supply well adjacent to the Site on the east. The highest concentrations of TCE have been found in a well located in the building formerly occupied by Malm Fireplaces at 368 Yolanda Avenue. High vapor concentrations of TCE have been found in soil gas at the 326 Yolanda Avenue property.

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

FINDS:

Registry ID: 110002812449

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIREFORM PORCELAIN INC (Continued)

1000473021

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

ECHO:

Envid: 1000473021
Registry ID: 110002812449
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002812449>

HAZNET:

envid: 1000473021
Year: 2001
GEPaid: CAD982438376
Contact: K KEELER/ESTIMATOR/SFTY MGR
Telephone: 7075230580
Mailing Name: Not reported
Mailing Address: 368 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954046321
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Tank
Tons: 4.21
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1000473021
Year: 2001
GEPaid: CAD982438376
Contact: K KEELER/ESTIMATOR/SFTY MGR
Telephone: 7075230580
Mailing Name: Not reported
Mailing Address: 368 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954046321
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: 0.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1000473021
Year: 2000
GEPaid: CAD982438376
Contact: K KEELER/ESTIMATOR/SFTY MGR
Telephone: 7075230580
Mailing Name: Not reported
Mailing Address: 368 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954046321
Gen County: Not reported
TSD EPA ID: CAD059494310

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIREFORM PORCELAIN INC (Continued)

1000473021

TSD County: Not reported
Waste Category: Paint sludge
Disposal Method: Transfer Station
Tons: 10.67
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1000473021
Year: 2000
GEPaid: CAD982438376
Contact: K KEELER/ESTIMATOR/SFTY MGR
Telephone: 7075230580
Mailing Name: Not reported
Mailing Address: 368 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954046321
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: 0.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1000473021
Year: 2000
GEPaid: CAD982438376
Contact: K KEELER/ESTIMATOR/SFTY MGR
Telephone: 7075230580
Mailing Name: Not reported
Mailing Address: 368 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954046321
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 7.35
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

[Click this hyperlink](#) while viewing on your computer to access 30 additional CA_HAZNET: record(s) in the EDR Site Report.

B8
SE
< 1/8
0.059 mi.
313 ft.

B BILLS AUTO PARTS
368 YOLANDA AVE
SANTA ROSA, CA 95404
Site 3 of 3 in cluster B

EDR Hist Auto 1014193440
N/A

Relative:
Higher

EDR Hist Auto

Actual:
145 ft.

Year: Name:
1987 B BILLS AUTO PARTS
1994 BILL AUTO PART STEPHEN AUTO

Type:
AUTOMOBILE REPAIRING
Auto And Home Supply Stores

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

B BILLS AUTO PARTS (Continued)

1014193440

1995 BILL AUTO PART STEPHEN AUTO Auto And Home Supply Stores

C9 SANTA ROSA PLUME AT YOLANDA
SSW YOLANDA AT SANTA ROSA AVENUE
 < 1/8 SANTA ROSA, CA 95404

CPS-SLIC **S103866825**
 N/A

0.060 mi.
 315 ft. **Site 2 of 6 in cluster C**

Relative: SLIC REG 1:
Lower Region: 1
Actual: Facility ID: 1NSR354
 139 ft. Staff Initials: SKB

A10 NOLAN C R AUTO REPAIR
SSW 2626 SANTA ROSA AVE
 < 1/8 SANTA ROSA, CA 95401

EDR Hist Auto **1014180585**
 N/A

0.060 mi.
 316 ft. **Site 4 of 4 in cluster A**

Relative: EDR Hist Auto
Lower

Actual:	Year:	Name:	Type:
139 ft.	1985	EMPIRE MUFFLER & BRAKE INC	Automotive Repair Shops, NEC
	1986	EMPIRE MUFFLER & BRAKE INC	Automotive Repair Shops, NEC
	1987	EMPIRE MUFFLER & BRAKE INC	AUTOMOBILE REPAIRING
	1987	EMPIRE MUFFLER & BRAKE INC	Automotive Repair Shops, NEC
	1988	EMPIRE MUFFLER & BRAKE INC	Automotive Repair Shops, NEC
	1990	NOLAN C R AUTO REPAIR	AUTOMOBILE REPAIRING
	1994	CADILLAC SPECIALISTS	General Automotive Repair Shops
	1994	BUICK SPECIALISTS	General Automotive Repair Shops
	1994	NOLEN AUTOMOTIVE	General Automotive Repair Shops
	1994	CHEVROLET SPECIALISTS	General Automotive Repair Shops
	1995	CHEVROLET SPECIALISTS	General Automotive Repair Shops
	1995	CADILLAC SPECIALISTS	General Automotive Repair Shops
	1996	CADILLAC SPECIALISTS	General Automotive Repair Shops
	2002	AUTO TECH & REPAIR	General Automotive Repair Shops
	2003	AUTO TECH & REPAIR	General Automotive Repair Shops
	2003	AANGKOR AUTO REPAIR & SMOG	General Automotive Repair Shops
	2004	AUTO TECH & REPAIR	General Automotive Repair Shops
	2005	AUTO TECH & REPAIR	General Automotive Repair Shops
	2006	AUTO TECH & REPAIR	General Automotive Repair Shops
	2007	AUTO TECH & REPAIR	General Automotive Repair Shops
	2008	AUTO TECH & REPAIR	General Automotive Repair Shops

C11 MALM METAL PRODS INC
SSW 2640 SANTA ROSA AVE
 < 1/8 SANTA ROSA, CA 95401

RCRA-SQG **1000294255**
LUST **CAD059594663**
FINDS
ECHO
ENF
HIST CORTESE

0.060 mi.
 317 ft. **Site 3 of 6 in cluster C**

Relative: RCRA-SQG:
Lower
Actual: Date form received by agency: 09/01/1996
 139 ft. Facility name: MALM METAL PRODS INC
 Facility address: 2640 SANTA ROSA AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

SANTA ROSA, CA 95401
EPA ID: CAD059594663
Mailing address: P O BOX 4299
SANTA ROSA, CA 95402
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: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ROBINSON CAL
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

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: 04/12/1983
Site name: MALM METAL PRODS INC
Classification: Large Quantity Generator

Violation Status: No violations found

LUST:

Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700703
Global Id: T0609700703
Latitude: 38.412945768385
Longitude: -122.713057994843
Status: Completed - Case Closed
Status Date: 12/11/2017
Case Worker: ZZZ
RB Case Number: 1TSR256
Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Based on the last groundwater monitoring data available the site met the criteria for Low Threat Closure. Malm Metal Products (MMP) occupied the site from 1960 to 1994, and used a 1,000-gallon gasoline underground storage tank (UST). In September 1982, gasoline was reported in a domestic well adjacent to and east of the MMP site. The UST was removed in November 1982. Between 1983 and 2015 several phases of investigation and remediation were completed. These included installation (and eventual destruction) of 19 groundwater monitoring wells, free product recovery, excavation of over 9,000 cubic yards of impacted material, dual-phase extraction, and ozone injection. As a result of road widening, the former UST location of is now under the south side of Yolanda Avenue.

LUST:

Global Id: T0609700703
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700703
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 08/29/2012
Action: Staff Letter

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 07/23/2015
Action: Staff Letter

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 04/06/2017
Action: Notification - Public Notice of Case Closure

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 05/05/2017
Action: Email Correspondence

Global Id: T0609700703
Action Type: RESPONSE
Date: 01/30/2015
Action: Request for Closure - Regulator Responded

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 06/28/2002
Action: Meeting

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 07/02/2002
Action: Staff Letter

Global Id: T0609700703
Action Type: RESPONSE
Date: 10/19/2017
Action: Well Destruction Report

Global Id: T0609700703
Action Type: RESPONSE
Date: 04/10/2017
Action: Other Report / Document

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 01/14/2009
Action: Staff Letter

Global Id: T0609700703
Action Type: REMEDIATION
Date: 08/12/2004

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700703
Action Type: REMEDIATION
Date: 08/12/2004
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 06/15/2004
Action: Staff Letter

Global Id: T0609700703
Action Type: RESPONSE
Date: 02/11/2013
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 06/30/2009
Action: Staff Letter

Global Id: T0609700703
Action Type: REMEDIATION
Date: 08/01/1998
Action: Excavation

Global Id: T0609700703
Action Type: RESPONSE
Date: 04/20/2004
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700703
Action Type: RESPONSE
Date: 08/17/2009
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0609700703
Action Type: RESPONSE
Date: 02/26/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700703
Action Type: RESPONSE
Date: 06/01/2004
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700703
Action Type: RESPONSE
Date: 03/16/2012
Action: Remedial Progress Report

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 06/23/2016
Action: Email Correspondence

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

Global Id: T0609700703
Action Type: REMEDIATION
Date: 03/01/1983
Action: Free Product Removal

Global Id: T0609700703
Action Type: RESPONSE
Date: 11/17/2016
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700703
Action Type: RESPONSE
Date: 09/22/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 11/08/2011
Action: Meeting

Global Id: T0609700703
Action Type: RESPONSE
Date: 12/02/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0609700703
Action Type: RESPONSE
Date: 05/03/2016
Action: Request for Closure - Regulator Responded

Global Id: T0609700703
Action Type: RESPONSE
Date: 05/03/2016
Action: Request for Closure - Regulator Responded

Global Id: T0609700703
Action Type: RESPONSE
Date: 05/03/2016
Action: Request for Closure - Regulator Responded

Global Id: T0609700703
Action Type: RESPONSE
Date: 05/03/2016
Action: Request for Closure - Regulator Responded

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 09/22/1999
Action: * Historical Enforcement

Global Id: T0609700703
Action Type: RESPONSE
Date: 12/16/2015
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700703
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

Date: 08/16/2016
Action: Email Correspondence

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 03/07/2017
Action: Staff Letter

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 11/15/2011
Action: Waste Discharge Requirements

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 03/05/2008
Action: Staff Letter

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 07/28/2008
Action: Waste Discharge Requirements

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 05/12/2003
Action: Staff Letter

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 03/11/2004
Action: Staff Letter

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 04/05/2017
Action: Notification - Public Participation Document

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 12/11/2017
Action: Closure/No Further Action Letter

Global Id: T0609700703
Action Type: RESPONSE
Date: 08/21/2008
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700703
Action Type: RESPONSE
Date: 06/01/2002
Action: Interim Remedial Action Plan

Global Id: T0609700703
Action Type: Other
Date: 08/24/1987
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

Global Id: T0609700703
Action Type: RESPONSE
Date: 05/02/2005
Action: CAP/RAP - Other Report

Global Id: T0609700703
Action Type: RESPONSE
Date: 05/02/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700703
Action Type: Other
Date: 08/24/1987
Action: Leak Discovery

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 03/26/2012
Action: Staff Letter

Global Id: T0609700703
Action Type: RESPONSE
Date: 05/03/2016
Action: Request for Closure - Regulator Responded

Global Id: T0609700703
Action Type: RESPONSE
Date: 06/12/2017
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700703
Action Type: Other
Date: 08/24/1987
Action: Leak Stopped

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 02/23/2017
Action: File Review - Closure

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 11/17/2015
Action: Waste Discharge Requirements

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 06/22/2017
Action: Email Correspondence

Global Id: T0609700703
Action Type: ENFORCEMENT
Date: 07/28/2008
Action: Staff Letter

LUST:

Global Id: T0609700703

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

Status: Open - Case Begin Date
Status Date: 08/24/1987

Global Id: T0609700703
Status: Open - Site Assessment
Status Date: 09/09/1987

Global Id: T0609700703
Status: Open - Site Assessment
Status Date: 03/21/1988

Global Id: T0609700703
Status: Open - Site Assessment
Status Date: 08/04/1989

Global Id: T0609700703
Status: Open - Site Assessment
Status Date: 09/04/2001

Global Id: T0609700703
Status: Open - Remediation
Status Date: 04/20/2004

Global Id: T0609700703
Status: Open - Remediation
Status Date: 06/01/2004

Global Id: T0609700703
Status: Open - Remediation
Status Date: 06/15/2004

Global Id: T0609700703
Status: Open - Remediation
Status Date: 05/02/2005

Global Id: T0609700703
Status: Open - Remediation
Status Date: 05/20/2009

Global Id: T0609700703
Status: Open - Eligible for Closure
Status Date: 02/23/2017

Global Id: T0609700703
Status: Completed - Case Closed
Status Date: 12/11/2017

Global Id: T0609700703
Status: Completed - Case Closed
Status Date: 12/11/2017

LUST REG 1:

Region: 1
Facility ID: 1TSR256
Staff Initials: JEF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

FINDS:

Registry ID: 110002652282

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

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

ECHO:

Envid: 1000294255
Registry ID: 110002652282
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002652282>

ENF:

Region: 1
Facility Id: 239275
Agency Name: Not reported
Place Type: Manufacturing
Place Subtype: Manufacturing NEC
Facility Type: Industrial
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 38.413036
Place Longitude: -122.713526
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: Enf Action
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	226753
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	13267 Letter
Effective Date:	11/03/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/03/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR256NUG Malm Metal
Description:	FAILURE TO SUBMIT CAP BY DUE DATE OF 9/16/2000. NEW DUE DATE IS 12/8/00.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

Facility Id:	239276
Agency Name:	Malm Metal Products, Inc.
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	38.41458
Place Longitude:	-122.71354
SIC Code 1:	5051
SIC Desc 1:	Metals Service Centers and Offices
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:	Contaminated ground water
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:	1B880140NUG
Reg Measure Id:	156080
Reg Measure Type:	Unregulated
Region:	1
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:	Active
Status Date:	10/04/2011
Effective Date:	10/01/1982
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

Map ID
 Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	219092
Region:	1
Order / Resolution Number:	82-143
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	10/29/1982
Adoption/Issuance Date:	10/29/1982
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 1B880140NUG Malm Metal Products, Inc. (Former)
Description:	GW CONTAMINATION BY LEAKY UGR (GASOLINE)- REQUIRES ABATEMENT AND SUBMITTAL OF CLEANUP PLAN.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 49
 Reg By: LTNKA
 Reg Id: 1TSR256

C12
SSW
< 1/8
0.067 mi.
352 ft.

AUTO LIFE CENTER AUTO REPR
2698 SANTA ROSA AVE
SANTA ROSA, CA 95401
Site 4 of 6 in cluster C

EDR Hist Auto 1014184229
N/A

Relative: EDR Hist Auto
Lower

Actual:	Year:	Name:	Type:
137 ft.	1982	AUTO LIFE CENTER	General Automotive Repair Shops
	1983	FALENSBEE KENT	General Automotive Repair Shops
	1985	FALENSBEE KENT	General Automotive Repair Shops
	1986	FALENSBEE KENT	General Automotive Repair Shops
	1987	AUTO LIFE CENTER AUTO REPR	AUTOMOBILE REPAIRING
	1987	FALENSBEE KENT	General Automotive Repair Shops
	1988	FALENSBEE KENT	General Automotive Repair Shops
	1989	FALENSBEE KENT	General Automotive Repair Shops
	1990	AUTO LIFE CENTER AUTO REPR	AUTOMOBILE REPAIRING
	1990	FALENSBEE KENT	General Automotive Repair Shops
	1991	A L C MACHINE INC	General Automotive Repair Shops
	1992	A L C MACHINE INC	General Automotive Repair Shops

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO LIFE CENTER AUTO REPR (Continued)

1014184229

1993	A L C MACHINE INC	General Automotive Repair Shops
1994	A L C MACHINE INC	General Automotive Repair Shops
1995	A L C MACHINE INC	General Automotive Repair Shops
1996	A L C MACHINE INC	General Automotive Repair Shops
1997	A L C MACHINE INC	General Automotive Repair Shops
1998	A L C MACHINE INC	General Automotive Repair Shops

C13
SSW
< 1/8
0.067 mi.
352 ft.

AUTO LIFE CENTER
2698 SANTA ROSA AVENUE
SANTA ROSA, CA 95404

LUST **S102949348**
CPS-SLIC **N/A**
HIST CORTESE

Site 5 of 6 in cluster C

Relative:
Lower
Actual:
137 ft.

LUST:

Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700753
Global Id: T0609700753
Latitude: 38.4118399368554
Longitude: -122.713415598148
Status: Completed - Case Closed
Status Date: 11/12/1997
Case Worker: ZZZ
RB Case Number: 1TSR329
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0609700753
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700753
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700753
Action Type: Other
Date: 09/23/1997
Action: Leak Stopped

Global Id: T0609700753
Action Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO LIFE CENTER (Continued)

S102949348

Date: 09/23/1997
Action: Leak Discovery

Global Id: T0609700753
Action Type: Other
Date: 09/23/1997
Action: Leak Reported

LUST:

Global Id: T0609700753
Status: Open - Case Begin Date
Status Date: 09/23/1997

Global Id: T0609700753
Status: Open - Site Assessment
Status Date: 10/03/1997

Global Id: T0609700753
Status: Open - Remediation
Status Date: 11/11/1997

Global Id: T0609700753
Status: Open - Site Assessment
Status Date: 11/11/1997

Global Id: T0609700753
Status: Open - Verification Monitoring
Status Date: 11/11/1997

Global Id: T0609700753
Status: Completed - Case Closed
Status Date: 11/12/1997

LUST REG 1:

Region: 1
Facility ID: 1TSR329
Staff Initials: Closed

CPS-SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 04/30/2009
Global Id: SL0609725310
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4125590631678
Longitude: -122.712864875793
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1NSR256
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Well used for drinking water supply
Potential Contaminants of Concern: * Solvents

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO LIFE CENTER (Continued)

S102949348

Site History: Information for this case may be found in the Malm Metal file.

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

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR329

C14
SSW
< 1/8
0.077 mi.
405 ft.

LYLES TACKLE SHOP
2690 SANTA ROSA AVENUE
SANTA ROSA, CA 95404

CPS-SLIC **S105051040**
N/A

Site 6 of 6 in cluster C

Relative:
Lower

CPS-SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 07/05/2006
Global Id: T0609793387
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.411882728167
Longitude: -122.713408704893
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR346
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Actual:
137 ft.

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

SLIC REG 1:

Region: 1
Facility ID: 1NSR346
Staff Initials: SKB

D15
ESE
< 1/8
0.082 mi.
433 ft.

HULSMAN TRANS
325 YOLANDA AVE
SANTA ROSA, CA 95402

SWEEPS UST **S101627240**
CA FID UST **N/A**

Site 1 of 4 in cluster D

Relative:
Higher

SWEEPS UST:
Status: Active
Comp Number: 12134
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88

Actual:
146 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANS (Continued)

S101627240

Owner Tank Id: 1
SWRCB Tank Id: 49-060-012134-000001
Tank Status: A
Capacity: 8000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 3

Status: Active
Comp Number: 12134
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-012134-000002
Tank Status: A
Capacity: 4000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 12134
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 49-060-012134-000003
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 49000161
Regulated By: UTNKA
Regulated ID: 00012134
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075461086
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95402
Contact: Not reported
Contact Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANS (Continued)

S101627240

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

**D16
ESE
< 1/8
0.082 mi.
433 ft.**

**HULSMAN TRANS
325 YOLANDA AVE
SANTA ROSA, CA 95402**

**HIST UST U001609358
N/A**

Site 2 of 4 in cluster D

**Relative:
Higher
Actual:
146 ft.**

HIST UST:
File Number: 00021954
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021954.pdf>
Region: STATE
Facility ID: 00000012134
Facility Type: Other
Other Type: TRUCKING CO.
Contact Name: LARRY HULSMAN
Telephone: 7075461086
Owner Name: HULSMAN LEASING CO.
Owner Address: 325 YOLANDA AVE
Owner City,St,Zip: SANTA ROSA, CA 95402
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D17 **HULSMAN TRANSPORTATION COMPANY**
ESE **325 YOLANDA AVENUE**
< 1/8 **SANTA ROSA, CA 95404**
0.082 mi.
433 ft. **Site 3 of 4 in cluster D**

LUST **S104163198**
ENF **N/A**
HIST CORTESE

Relative:
Higher
Actual:
146 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700572
Global Id: T0609700572
Latitude: 38.4134669764901
Longitude: -122.711985111237
Status: Completed - Case Closed
Status Date: 06/26/2017
Case Worker: ZZZ
RB Case Number: 1TSR050
Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply, Soil, Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Two former diesel USTs and one former gasoline tank. All tanks removed and overexcavated. A and B zone groundwater impacts investigated. Main area of groundwater contamination is under Yolanda Avenue and is commingled with Malm Metal (Gas-spill) plume. Downgradient receptors, i.e. water supply wells, either properly destroyed or not affected by release. Site closed with soil and groundwater management plan due to likely redevelopment into commercial properties.

LUST:
Global Id: T0609700572
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700572
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 07/12/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700572
Action Type: RESPONSE
Date: 02/24/1010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

Action: Other Report / Document

Global Id: T0609700572
Action Type: RESPONSE
Date: 03/18/2005
Action: Well Installation Report

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 08/29/2012
Action: Staff Letter

Global Id: T0609700572
Action Type: RESPONSE
Date: 05/12/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: RESPONSE
Date: 07/21/2008
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700572
Action Type: RESPONSE
Date: 04/07/2008
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700572
Action Type: RESPONSE
Date: 05/31/2012
Action: CAP/RAP - Final Remediation / Design Plan - Regulator Responded

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 01/05/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 05/09/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: RESPONSE
Date: 04/23/2013
Action: CAP/RAP - Other Report

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 03/23/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 06/15/2004
Action: Technical Correspondence / Assistance / Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 12/01/2016
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 03/13/2017
Action: Other Report

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 08/30/2011
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 11/14/2012
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 11/12/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700572
Action Type: RESPONSE
Date: 11/30/2016
Action: Other Report / Document

Global Id: T0609700572
Action Type: RESPONSE
Date: 03/31/2017
Action: Other Report / Document

Global Id: T0609700572
Action Type: RESPONSE
Date: 03/03/2016
Action: Request for Closure - Regulator Responded

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 10/22/2008
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 05/13/2016
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

Date: 02/24/2017
Action: Notification - Public Notice of Case Closure

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 10/05/2015
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 05/16/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 01/29/2010
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 01/10/2017
Action: File Review - Closure

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 02/24/2017
Action: Notification - Public Notice of Case Closure

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 01/24/2017
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 05/16/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 04/14/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: RESPONSE
Date: 04/29/2014
Action: Correspondence

Global Id: T0609700572
Action Type: RESPONSE
Date: 03/03/2017
Action: Email Correspondence - Regulator Responded

Global Id: T0609700572
Action Type: RESPONSE
Date: 06/01/2017
Action: Other Report / Document - Regulator Responded

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

Global Id: T0609700572
Action Type: RESPONSE
Date: 04/25/2017
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700572
Action Type: RESPONSE
Date: 05/30/2017
Action: Well Destruction Report - Regulator Responded

Global Id: T0609700572
Action Type: RESPONSE
Date: 09/10/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 03/02/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 03/23/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 04/27/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 03/28/2017
Action: Other Report

Global Id: T0609700572
Action Type: RESPONSE
Date: 09/23/2014
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 07/02/2013
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 08/26/2010
Action: Staff Letter

Global Id: T0609700572
Action Type: RESPONSE
Date: 06/22/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

Date: 01/05/2017
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700572
Action Type: RESPONSE
Date: 04/30/2013
Action: Other Report / Document

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 05/01/2000
Action: * Historical Enforcement

Global Id: T0609700572
Action Type: RESPONSE
Date: 11/30/2016
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0609700572
Action Type: RESPONSE
Date: 11/28/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700572
Action Type: RESPONSE
Date: 11/08/2011
Action: Verbal Communication

Global Id: T0609700572
Action Type: RESPONSE
Date: 11/30/2016
Action: Sensitive Receptor Survey Report

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 03/25/2008
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 08/16/2010
Action: File review

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 08/04/2016
Action: Site Visit / Inspection / Sampling

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 06/26/2017
Action: Staff Letter

Global Id: T0609700572
Action Type: Other
Date: 09/23/1982
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

Global Id:	T0609700572
Action Type:	ENFORCEMENT
Date:	11/19/2004
Action:	Staff Letter
Global Id:	T0609700572
Action Type:	ENFORCEMENT
Date:	07/02/2013
Action:	Staff Letter
Global Id:	T0609700572
Action Type:	ENFORCEMENT
Date:	10/11/2011
Action:	Staff Letter
Global Id:	T0609700572
Action Type:	Other
Date:	09/23/1982
Action:	Leak Reported
Global Id:	T0609700572
Action Type:	ENFORCEMENT
Date:	02/25/2002
Action:	Staff Letter
Global Id:	T0609700572
Action Type:	ENFORCEMENT
Date:	05/01/2000
Action:	Staff Letter
Global Id:	T0609700572
Action Type:	ENFORCEMENT
Date:	09/07/1999
Action:	Notification - Fee Title Owners Notice
Global Id:	T0609700572
Action Type:	ENFORCEMENT
Date:	05/05/2003
Action:	File review
Global Id:	T0609700572
Action Type:	RESPONSE
Date:	02/08/2015
Action:	Other Report / Document - Regulator Responded
Global Id:	T0609700572
Action Type:	RESPONSE
Date:	06/27/2016
Action:	Soil Vapor Intrusion Investigation Workplan - Regulator Responded
Global Id:	T0609700572
Action Type:	RESPONSE
Date:	01/16/2017
Action:	Other Report / Document - Regulator Responded
Global Id:	T0609700572
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

Date: 05/12/2017
Action: Other Workplan - Regulator Responded

Global Id: T0609700572
Action Type: Other
Date: 09/23/1982
Action: Leak Stopped

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 02/13/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 03/02/2017
Action: Email Correspondence

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 01/30/2012
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 04/02/2012
Action: Staff Letter

Global Id: T0609700572
Action Type: REMEDIATION
Date: 12/18/1991
Action: Excavation

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 08/13/2008
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 04/29/2008
Action: Staff Letter

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 04/29/2008
Action: Staff Letter

Global Id: T0609700572
Action Type: RESPONSE
Date: 06/16/2017
Action: Request for Closure - Regulator Responded

Global Id: T0609700572
Action Type: RESPONSE
Date: 08/05/2016
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

Global Id: T0609700572
Action Type: RESPONSE
Date: 05/05/2017
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700572
Action Type: RESPONSE
Date: 04/03/2017
Action: Other Report / Document - Regulator Responded

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 05/23/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700572
Action Type: ENFORCEMENT
Date: 08/17/2015
Action: Site Visit / Inspection / Sampling

LUST:

Global Id: T0609700572
Status: Open - Case Begin Date
Status Date: 09/20/1982

Global Id: T0609700572
Status: Open - Site Assessment
Status Date: 05/02/1988

Global Id: T0609700572
Status: Open - Site Assessment
Status Date: 11/21/1988

Global Id: T0609700572
Status: Open - Site Assessment
Status Date: 08/30/1991

Global Id: T0609700572
Status: Open - Site Assessment
Status Date: 12/10/2001

Global Id: T0609700572
Status: Open - Site Assessment
Status Date: 03/23/2006

Global Id: T0609700572
Status: Open - Site Assessment
Status Date: 05/20/2009

Global Id: T0609700572
Status: Open - Remediation
Status Date: 06/21/2013

Global Id: T0609700572
Status: Open - Eligible for Closure
Status Date: 01/10/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

Global Id: T0609700572
Status: Completed - Case Closed
Status Date: 06/26/2017

LUST REG 1:

Region: 1
Facility ID: 1TSR050
Staff Initials: JEF

ENF:

Region: 1
Facility Id: 230820
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 38.413157
Place Longitude: -122.713426
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: Enf Action
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: Not reported
Program Category1: Not reported
Program Category2: TANKS
Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: Not reported
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	226757
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	13267 Letter
Effective Date:	11/17/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/17/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR050NUG Hulsman Transportation
Description:	REPORT OF COMPLETION NEEDED.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	230820
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.413157
Place Longitude:	-122.713426
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	226756
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/31/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/31/2000
ACL Issuance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR050NUG Hulsman Transportation
Description:	REPORT OF COMPLETION NEEDED.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	230820
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.413157
Place Longitude:	-122.713426
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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANSPORTATION COMPANY (Continued)

S104163198

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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	226755
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	05/01/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/01/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR050NUG Hulsman Transportation
Description:	REPORT OF COMPLETION NEEDED.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

HIST CORTESE:

Region:	CORTESE
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSR050

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D18 **AUTOKRAFT**
ESE **325 YOLANDA AVE**
< 1/8 **SANTA ROSA, CA 95404**
0.082 mi.
433 ft. **Site 4 of 4 in cluster D**

EDR Hist Auto **1014183999**
N/A

Relative: EDR Hist Auto
Higher

Actual: 146 ft.	Year:	Name:	Type:
	1987	MAJOR DIESEL	AUTOMOBILE REPAIRING
	1988	MAJOR DIESEL	General Automotive Repair Shops
	1989	MAJOR DIESEL	Engine Repair
	1990	AUTOKRAFT	AUTOMOBILE REPAIRING
	1990	MAJOR DIESEL	AUTOMOBILE REPAIRING
	1990	MAJOR DIESEL	Engine Repair
	1991	MAJOR DIESEL	Engine Repair
	1992	MAJOR DIESEL	Engine Repair
	1993	MAJOR DIESEL	Engine Repair
	1994	MAJOR DIESEL	Engine Repair
	1995	MAJOR DIESEL	Engine Repair
	1996	MAJOR DIESEL	Engine Repair
	1997	MAJOR DIESEL	Engine Repair
	1998	MAJOR DIESEL	Engine Repair
	1999	MAJOR DIESEL	Engine Repair
	2000	MAJOR DIESEL	Engine Repair
	2001	MAJOR DIESEL	Engine Repair
	2002	MAJOR DIESEL	Engine Repair
	2003	MAJOR DIESEL	Engine Repair
	2004	MAJOR DIESEL	Engine Repair
	2005	MAJOR DIESEL	Engine Repair
	2006	MAJOR DIESEL	Engine Repair
	2007	MAJOR DIESEL	Engine Repair
	2008	MAJOR DIESEL	Engine Repair

19 **GROG SHOP**
North **2296 SANTA ROSA**
1/8-1/4 **SANTA ROSA, CA 95404**
0.137 mi.
723 ft.

LUST **S102430994**
HIST CORTESE **N/A**

Relative: LUST:
Higher

Actual: Lead Agency: NORTH COAST RWQCB (REGION 1)
146 ft. Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700736
 Global Id: T0609700736
 Latitude: 38.41667
 Longitude: -122.713128
 Status: Completed - Case Closed
 Status Date: 01/01/2002
 Case Worker: ZZZ
 RB Case Number: 1TSR298
 Local Agency: SANTA ROSA, CITY OF
 File Location: Not reported
 Local Case Number: Not reported
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:
 Global Id: T0609700736

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GROG SHOP (Continued)

S102430994

Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700736
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700736
Action Type: Other
Date: 07/12/1995
Action: Leak Stopped

Global Id: T0609700736
Action Type: Other
Date: 07/12/1995
Action: Leak Reported

Global Id: T0609700736
Action Type: Other
Date: 07/12/1995
Action: Leak Discovery

LUST:

Global Id: T0609700736
Status: Open - Case Begin Date
Status Date: 07/12/1995

Global Id: T0609700736
Status: Open - Site Assessment
Status Date: 10/16/1998

Global Id: T0609700736
Status: Open - Site Assessment
Status Date: 12/21/1998

Global Id: T0609700736
Status: Open - Site Assessment
Status Date: 06/18/1999

Global Id: T0609700736
Status: Completed - Case Closed
Status Date: 01/01/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GROG SHOP (Continued)

S102430994

LUST REG 1:

Region: 1
Facility ID: 1TSR298
Staff Initials: JEF

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR298

E20
East
1/8-1/4
0.149 mi.
785 ft.

SANTA ROSA PLANT
455 YOLANDA AVE
SANTA ROSA, CA 95401

HIST UST **U001609293**
CHMIRS **N/A**
WDS

Site 1 of 5 in cluster E

Relative:
Higher

HIST UST:

Actual:
151 ft.

File Number: 000215E4
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000215E4.pdf>
Region: STATE
Facility ID: 00000002686
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 7075460766
Owner Name: REDWOOD OIL COMPANY, INC.
Owner Address: 1320 SECOND STREET
Owner City,St,Zip: SAN RAFAEL, CA 94901
Total Tanks: 0014

Tank Num: 001
Container Num: 67
Year Installed: 1981
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: 80
Year Installed: 1983
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 79
Year Installed: 1981
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
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

SANTA ROSA PLANT (Continued)

U001609293

Tank Num: 004
Container Num: 78
Year Installed: 1983
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 77
Year Installed: 1983
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: 76
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 007
Container Num: 75
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 008
Container Num: 74
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 009
Container Num: 73
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 010
Container Num: 72
Year Installed: 1981

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

U001609293

Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 011
Container Num: 71
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 012
Container Num: 70
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 013
Container Num: 69
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 014
Container Num: 68
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

CHMIRS:

OES Incident Number: 8-4477
OES notification: 10/02/1998
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

U001609293

Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency 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:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1998
Agency:	Redwood Oil Co
Incident Date:	10/2/199812:00:00 AM
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Deisel Fuel
Gallons:	30
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:	Unknown customer while filling up spilled 30 gals onto asphalt in parking lot
OES Incident Number:	7-4776

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

U001609293

OES notification:	12/02/1997
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 Agency 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:	Yes
Waterway:	Storm Drain
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1997
Agency:	Redwood Oil Co
Incident Date:	12/1/199712:00:00 AM
Admin Agency:	Santa Rosa Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Motor Oil
Gallons:	55
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

U001609293

#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: 55 gallon drum may have been hit by the fork of a forklift. May be 4 or 5 gallons into the drain.

WDS:

Facility ID: 1 49I003772
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 1
Facility Telephone: Not reported
Facility Contact: ROBERT BARBIENI
Agency Name: REDWOOD OIL COMPANY 1
Agency Address: P.O. BOX 428
Agency City,St,Zip: SANTA ROSA 95402
Agency Contact: PETER VAN ALYEA
Agency Telephone: 7075460766
Agency Type: Private
SIC Code: 5171
SIC Code 2: Not reported
Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Primary Waste: STORMS
Waste Type2: Not reported
Waste2: Stormwater Runoff
Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SANTA ROSA PLANT (Continued)

U001609293

dairy waste ponds.

E21
East
1/8-1/4
0.149 mi.
785 ft.

REDWOOD OIL COMPANY
455 YOLANDA AVE.
SANTA ROSA, CA
Site 2 of 5 in cluster E

AST 1001611393
N/A

Relative:
Higher
Actual:
151 ft.

AST:
 Certified Unified Program Agencies: Santa Rosa
 Owner: REDWOOD OIL COMPANY
 Total Gallons: 60,000
 CERSID: Not reported
 Facility ID: Not reported
 Business Name: Not reported
 Phone: Not reported
 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

E22
East
1/8-1/4
0.149 mi.
785 ft.

REDWOOD OIL COMPANY
455 YOLANDA AVENUE
SANTA ROSA, CA 95404
Site 3 of 5 in cluster E

LUST S100236344
Cortese N/A
EMI
ENF
HIST CORTESE
NPDES
Notify 65

Relative:
Higher
Actual:
151 ft.

LUST:
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700708
 Global Id: T0609700708
 Latitude: 38.4138636225356
 Longitude: -122.709031141276
 Status: Open - Remediation
 Status Date: 06/11/2009
 Case Worker: TNM
 RB Case Number: 1TSR261

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: The facility is an active bulk fuel terminal constructed in the late 1940s or early 1950s. At the time of construction there were a number of above ground storage tanks (ASTs), transfer and loading racks, and dispenser islands, each having both above and below ground piping. In 1981, the ASTs were removed and twelve 12,000-gallon underground storage tanks (USTs) installed. In 1989, soil samples collected from borings showed that a fuel release had occurred, and in 1990, two USTs were removed from the north end of the warehouse area. In August 1995, a leak in an unleaded fuel line was exposed. In 1995 or 1996, Redwood Oil Co. purchased the adjacent property at 459 Yolanda Avenue. In 2000, a new bulk plant was constructed. During that same time period (1999 to 2000), ten USTs were removed and impacted soil was excavated and removed from the site. In 1999, a groundwater extraction (GWE) system was installed along the south property line to control plume migration. In 2001, a combination soil vapor extraction (SVE), GWE, and air-sparge (AS) system was installed. The SVE and AS systems have been shutdown. From the start of investigations and installation of remedial system in 1991 until 2002, over 120 wells and borings were completed at on-site and off-site locations.

LUST:

Global Id: T0609700708
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700708
Contact Type: Regional Board Caseworker
Contact Name: TOM MAGNEY
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: tom.magney@waterboards.ca.gov
Phone Number: 7075762030

LUST:

Global Id: T0609700708
Action Type: RESPONSE
Date: 11/10/2003
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700708
Action Type: RESPONSE
Date: 05/19/2005
Action: Other Workplan

Global Id: T0609700708

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Action Type: ENFORCEMENT
Date: 10/12/2011
Action: Clean-up and Abatement Order

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 04/25/2013
Action: Verbal Enforcement

Global Id: T0609700708
Action Type: RESPONSE
Date: 03/25/2008
Action: Interim Remedial Action Plan

Global Id: T0609700708
Action Type: Other
Date: 03/31/1988
Action: Leak Discovery

Global Id: T0609700708
Action Type: RESPONSE
Date: 11/10/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Staff Letter

Global Id: T0609700708
Action Type: REMEDIATION
Date: 06/01/2001
Action: Pump & Treat (P&T) Groundwater

Global Id: T0609700708
Action Type: RESPONSE
Date: 01/31/2018
Action: Well Installation Workplan

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 05/11/2005
Action: Staff Letter

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 05/21/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 07/15/2005
Action: * No Action

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 07/08/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Action: Email Correspondence

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 02/21/2018
Action: Staff Letter

Global Id: T0609700708
Action Type: RESPONSE
Date: 01/28/2008
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0609700708
Action Type: RESPONSE
Date: 09/21/2006
Action: CAP/RAP - Feasibility Study Report

Global Id: T0609700708
Action Type: REMEDIATION
Date: 12/01/1999
Action: Excavation

Global Id: T0609700708
Action Type: RESPONSE
Date: 01/28/2008
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0609700708
Action Type: RESPONSE
Date: 04/22/2005
Action: Remedial Progress Report

Global Id: T0609700708
Action Type: RESPONSE
Date: 03/17/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700708
Action Type: RESPONSE
Date: 04/21/2005
Action: Other Report / Document

Global Id: T0609700708
Action Type: RESPONSE
Date: 07/07/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700708
Action Type: RESPONSE
Date: 02/18/2015
Action: Correspondence

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 11/10/2014
Action: Technical Correspondence / Assistance / Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Global Id:	T0609700708
Action Type:	RESPONSE
Date:	03/14/2005
Action:	Other Report / Document
Global Id:	T0609700708
Action Type:	RESPONSE
Date:	08/31/2017
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609700708
Action Type:	RESPONSE
Date:	11/17/2017
Action:	Remedial Progress Report
Global Id:	T0609700708
Action Type:	ENFORCEMENT
Date:	11/30/2009
Action:	Amendment to Order
Global Id:	T0609700708
Action Type:	REMEDIATION
Date:	07/01/2001
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0609700708
Action Type:	REMEDIATION
Date:	09/18/2001
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0609700708
Action Type:	ENFORCEMENT
Date:	07/17/2017
Action:	Staff Letter
Global Id:	T0609700708
Action Type:	ENFORCEMENT
Date:	10/03/2017
Action:	Email Correspondence
Global Id:	T0609700708
Action Type:	ENFORCEMENT
Date:	10/17/2001
Action:	Administrative Civil Liabilities Complaint
Global Id:	T0609700708
Action Type:	ENFORCEMENT
Date:	01/01/2000
Action:	Clean-up and Abatement Order
Global Id:	T0609700708
Action Type:	RESPONSE
Date:	05/12/2017
Action:	Email Correspondence
Global Id:	T0609700708
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Date: 06/29/2001
Action: Administrative Civil Liabilities Complaint

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 05/05/2000
Action: * Historical Enforcement

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 03/21/2008
Action: Staff Letter

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 08/26/2003
Action: Staff Letter

Global Id: T0609700708
Action Type: RESPONSE
Date: 11/10/2008
Action: Well Installation Report

Global Id: T0609700708
Action Type: RESPONSE
Date: 12/08/2008
Action: Pilot Study/ Treatability Report

Global Id: T0609700708
Action Type: Other
Date: 03/31/1988
Action: Leak Reported

Global Id: T0609700708
Action Type: RESPONSE
Date: 10/06/2004
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700708
Action Type: RESPONSE
Date: 02/08/2010
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0609700708
Action Type: Other
Date: 03/31/1988
Action: Leak Stopped

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 02/28/2012
Action: Staff Letter

Global Id: T0609700708
Action Type: RESPONSE
Date: 10/28/2008
Action: Clean Up Fund - 5-Year Review Summary

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 05/27/2008
Action: Staff Letter

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 05/27/2008
Action: Staff Letter

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 08/05/2008
Action: Staff Letter

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 01/27/2005
Action: Staff Letter

Global Id: T0609700708
Action Type: ENFORCEMENT
Date: 04/12/2005
Action: Staff Letter

LUST:

Global Id: T0609700708
Status: Open - Case Begin Date
Status Date: 03/31/1988

Global Id: T0609700708
Status: Open - Site Assessment
Status Date: 03/31/1988

Global Id: T0609700708
Status: Open - Site Assessment
Status Date: 02/15/1989

Global Id: T0609700708
Status: Open - Site Assessment
Status Date: 03/27/1989

Global Id: T0609700708
Status: Open - Site Assessment
Status Date: 01/16/1996

Global Id: T0609700708
Status: Open - Remediation
Status Date: 08/28/1998

Global Id: T0609700708
Status: Open - Remediation
Status Date: 11/12/2003

Global Id: T0609700708
Status: Open - Remediation
Status Date: 03/09/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Global Id: T0609700708
Status: Open - Remediation
Status Date: 10/06/2004

Global Id: T0609700708
Status: Open - Remediation
Status Date: 04/22/2005

Global Id: T0609700708
Status: Open - Remediation
Status Date: 06/11/2009

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: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

EMI:

Year: 1987
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 7
Reactive Organic Gases Tons/Yr: 7
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: 1990
County Code: 49
Air Basin: SF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 6
Reactive Organic Gases Tons/Yr: 5
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: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 16
Reactive Organic Gases Tons/Yr: 14
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: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 4
Reactive Organic Gases Tons/Yr: 4
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: 1997
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 4
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: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 18
Reactive Organic Gases Tons/Yr: 16
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: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 18
Reactive Organic Gases Tons/Yr: 18
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: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 18
Reactive Organic Gases Tons/Yr: 18
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001
County Code: 49
Air Basin: SF
Facility ID: 13043
Air District Name: BA
SIC Code: 4953
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: 2001
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 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

Year: 2002
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 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

Year: 2002
County Code: 49
Air Basin: SF
Facility ID: 13043

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Air District Name: BA
SIC Code: 5171
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 Smllr Tons/Yr:0

Year: 2003
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 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 Smllr Tons/Yr:0

Year: 2003
County Code: 49
Air Basin: SF
Facility ID: 13043
Air District Name: BA
SIC Code: 5171
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: 1
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: 2004
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 2.201

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Reactive Organic Gases Tons/Yr: 2.1928563
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: 2004
County Code: 49
Air Basin: SF
Facility ID: 13043
Air District Name: BA
SIC Code: 5171
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: 1.089
Reactive Organic Gases Tons/Yr: 0.7607754
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: 2005
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 2.179
Reactive Organic Gases Tons/Yr: 2.1709377
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: 2006
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 2.12
Reactive Organic Gases Tons/Yr: 2.112156
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Year: 2007
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 2.211
Reactive Organic Gases Tons/Yr: 2.2028193
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
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 2.125
Reactive Organic Gases Tons/Yr: 2.1171375
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: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 1.9179999999999999
Reactive Organic Gases Tons/Yr: 1.9109034
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: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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: 1.6200000000000001
Reactive Organic Gases Tons/Yr: 1.6140060000000001
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: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 1.62
Reactive Organic Gases Tons/Yr: 1.614006
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: 2012
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 0.838
Reactive Organic Gases Tons/Yr: 0.8348994
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: 2013
County Code: 49
Air Basin: SF
Facility ID: 869
Air District Name: BA
SIC Code: 5171
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: 0.722
Reactive Organic Gases Tons/Yr: 0.722
Carbon Monoxide Emissions Tons/Yr: 0

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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

ENF:

Region: 1
Facility Id: 252248
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: 5541
SIC Desc 1: Gasoline Service Stations
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: Enf Action
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: Not reported
Program Category1: Not reported
Program Category2: TANKS
Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: Not reported
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: Not reported
Status Date: Not reported
Effective Date: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219781
Region:	1
Order / Resolution Number:	LT940125
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	01/25/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/25/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR261NUG Redwood Oil Bulk Plant 141
Description:	REQUESTING FIVE DAYS ADVANCE NOTICE OF DRILLING.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	252248
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
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

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	236749
Region:	1
Order / Resolution Number:	R1-2001-0053
Enforcement Action Type:	Admin Civil Liability
Effective Date:	06/18/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/19/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1S0261NUG Redwood Oil Bulk Plant 141
Description:	ORIGINAL LIABILITY TO STAND. \$25000 DUE AND PAYABLE AND 25,000 SUSPENDED CONTINGENT ON SEP.
Program:	UST

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Latest Milestone Completion Date:	2003-05-19
# Of Programs1:	1
Total Assessment Amount:	\$50,000.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$25,000.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$25,000.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$50,000.00
Region:	1
Facility Id:	252248
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	236727
Region:	1
Order / Resolution Number:	R1-2001-0039
Enforcement Action Type:	Admin Civil Liability
Effective Date:	05/04/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/18/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR261NUG Redwood Oil Bulk Plant 141
Description:	DISCHARGER SYSTEM FAILURE ALLOWING CONTINUAL LEACHING OF PETROLEUM HYDROCARBONS FROM SOIL TO GROUNDWATER. IMPACTED WATER SUPPLY WELLS. REPORTS HAVE NOT BEEN SENT AND DISCHARGER FAILED TO PURSUE OBTAINING PERMITS FOR CLEANUP PROJECT.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$50,000.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	252248
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	236726
Region:	1
Order / Resolution Number:	R1-2000-0034
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	04/04/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Termination Date:	10/27/2005
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR261NUG Redwood Oil Bulk Plant 141
Description:	DISCHARGER WAS TO WORK ON GETTING SOIL AND GROUNDWATER TREATMENT AND PLUME MIGRATION CONTROLS IN PLACE
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	252248
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221386
Region:	1
Order / Resolution Number:	90-184
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	11/07/1990
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/27/2005
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR261NUG Redwood Oil Bulk Plant 141
Description:	SUBMIT REPORT DETAILING WORK PERFORMED. SITE HAS SERIOUS SOIL CONTAMINATION PROBLEMS.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	252248
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	381897
Region:	1

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Order / Resolution Number: R1-2005-0106
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 10/27/2005
Adoption/Issuance Date: 10/27/2005
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 1B1SR261NUG Redwood Oil Bulk Plant 141
Description: Not reported
Program: UST
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: \$0.00
Initial Assessed Amount: \$0.00
Liability \$ Amount: \$0.00
Project \$ Amount: \$0.00
Liability \$ Paid: \$0.00
Project \$ Completed: \$0.00
Total \$ Paid/Completed Amount: \$0.00

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SO164NUG

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR261

NPDES:

Npdes Number: CAS000001
Facility Status: Terminated
Agency Id: 0
Region: 1
Regulatory Measure Id: 272509
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 1 49I020005
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 12/29/2005
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 07/13/2015
Discharge Name: Redwood Coast Petroleum
Discharge Address: 455 Yolanda Ave
Discharge City: Santa Rosa
Discharge State: California
Discharge Zip: 95404
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported

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Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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
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:	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

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Region:	1
Regulatory Measure Id:	272509
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	1 49I020005
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:	07/13/2015
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	12/29/2005
STATUS CODE NAME:	Terminated
STATUS DATE:	03/14/2016
PLACE SIZE:	2
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Greg Taylor
FACILITY CONTACT TITLE:	Safety Manager
FACILITY CONTACT PHONE:	707-546-0766
FACILITY CONTACT PHONE EXT:	132
FACILITY CONTACT EMAIL:	gtaylor@rcpetrol.com
OPERATOR NAME:	Redwood Coast Petroleum
OPERATOR ADDRESS:	455 Yolanda Ave
OPERATOR CITY:	Santa Rosa
OPERATOR STATE:	California
OPERATOR ZIP:	95404
OPERATOR CONTACT NAME:	Greg Taylor
OPERATOR CONTACT TITLE:	Safety Manager
OPERATOR CONTACT PHONE:	707-546-0766
OPERATOR CONTACT PHONE EXT:	132
OPERATOR CONTACT EMAIL:	gtaylor@rcpetrol.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	707-546-0766
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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: N
RECEIVING WATER NAME: Laguna De Santa Rosa
CERTIFIER NAME: Greg Taylor
CERTIFIER TITLE: President
CERTIFICATION DATE: Not reported
PRIMARY SIC: 5171-Petroleum Bulk Stations and Terminals
SECONDARY SIC: Not reported
TERTIARY SIC: 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

E23
East
1/8-1/4
0.149 mi.
785 ft.

SANTA ROSA PLANT
455 YOLANDA AVE
SANTA ROSA, CA 95401
Site 4 of 5 in cluster E

SWEEPS UST **S101627207**
CA FID UST **N/A**
EMI

Relative:
Higher
Actual:
151 ft.

SWEEPS UST:
Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 67
SWRCB Tank Id: 49-060-002686-000001
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 14

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 80

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

S101627207

SWRCB Tank Id: 49-060-002686-000002
Tank Status: A
Capacity: 550
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 79
SWRCB Tank Id: 49-060-002686-000003
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 78
SWRCB Tank Id: 49-060-002686-000004
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 77
SWRCB Tank Id: 49-060-002686-000005
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

S101627207

Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 76
SWRCB Tank Id: 49-060-002686-000006
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 75
SWRCB Tank Id: 49-060-002686-000007
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 74
SWRCB Tank Id: 49-060-002686-000008
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

S101627207

Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 73
SWRCB Tank Id: 49-060-002686-000009
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 72
SWRCB Tank Id: 49-060-002686-000010
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 71
SWRCB Tank Id: 49-060-002686-000011
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 70
SWRCB Tank Id: 49-060-002686-000012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

S101627207

Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 69
SWRCB Tank Id: 49-060-002686-000013
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 2686
Number: 9
Board Of Equalization: 44-028149
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 68
SWRCB Tank Id: 49-060-002686-000014
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 49000103
Regulated By: UTNKA
Regulated ID: 00002686
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075460766
Mail To: Not reported
Mailing Address: 1320 002ND ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

S101627207

EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:

Year: 2014
County Code: 49
Air Basin: SF
Facility ID: 23123
Air District Name: BA
SIC Code: 5171
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: 0.722727077
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: 2015
County Code: 49
Air Basin: SF
Facility ID: 23123
Air District Name: BA
SIC Code: 5171
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: 37.174660001
Reactive Organic Gases Tons/Yr: 37.17465001
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

E24
East
1/8-1/4
0.149 mi.
785 ft.

REDWOOD OIL #141 (BULK PLANT)
YOLANDA AVENUE 455
SANTA ROSA, CA
Site 5 of 5 in cluster E

LUST S101309855
N/A

Relative:
Higher
Actual:
151 ft.

LUST REG 1:
Region: 1
Facility ID: 1TSR261
Staff Initials: JEF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F25
NNW
1/8-1/4
0.170 mi.
897 ft.

SIETZ EUROPEAN MOTORS
112 COMMERCIAL COURT 22
SANTA ROSA, CA 95407

Site 1 of 3 in cluster F

RCRA-SQG 1000595667
FINDS CAD983596198
ECHO
EMI
HAZNET

Relative:
Lower

RCRA-SQG:

Date form received by agency: 06/27/1991

Actual:
143 ft.

Facility name: SIETZ EUROPEAN MOTORS
Facility address: 112 COMMERCIAL COURT 22
SANTA ROSA, CA 95407

EPA ID: CAD983596198

Contact: ENRIQUE SEITZ

Contact address: 112 COMMERCIAL COURT 22
SANTA ROSA, CA 95407

Contact country: US

Contact telephone: 707-544-8505

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: ENRIQUE SIETZ
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIETZ EUROPEAN MOTORS (Continued)

1000595667

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: 110002853895

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

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

ECHO:

Envid: 1000595667
Registry ID: 110002853895
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002853895>

EMI:

Year: 1987
County Code: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 3479
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: 7
Reactive Organic Gases Tons/Yr: 7
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: 1990
County Code: 49

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIETZ EUROPEAN MOTORS (Continued)

1000595667

Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 6
Reactive Organic Gases Tons/Yr: 6
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: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 7
Reactive Organic Gases Tons/Yr: 7
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: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 7
Reactive Organic Gases Tons/Yr: 7
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: 1997
County Code: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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

SIETZ EUROPEAN MOTORS (Continued)

1000595667

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7
Reactive Organic Gases Tons/Yr: 7
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: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 6
Reactive Organic Gases Tons/Yr: 6
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: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 7
Reactive Organic Gases Tons/Yr: 6
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: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 7
Reactive Organic Gases Tons/Yr: 6
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

SIETZ EUROPEAN MOTORS (Continued)

1000595667

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

Year: 2001
County Code: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 7
Reactive Organic Gases Tons/Yr: 6
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: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 7
Reactive Organic Gases Tons/Yr: 7
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: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 7
Reactive Organic Gases Tons/Yr: 6
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: 2004
County Code: 49
Air Basin: SF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIETZ EUROPEAN MOTORS (Continued)

1000595667

Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 5.319
Reactive Organic Gases Tons/Yr: 4.8949146
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: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 7.176
Reactive Organic Gases Tons/Yr: 6.694354
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: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 7.09
Reactive Organic Gases Tons/Yr: 6.6076892
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: 2007
County Code: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIETZ EUROPEAN MOTORS (Continued)

1000595667

Total Organic Hydrocarbon Gases Tons/Yr: 7.09
Reactive Organic Gases Tons/Yr: 6.6076892
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
County Code: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 5.565
Reactive Organic Gases Tons/Yr: 5.1327154
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: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 5.1890000000000001
Reactive Organic Gases Tons/Yr: 4.7722274000000002
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: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 4.6849999999999996
Reactive Organic Gases Tons/Yr: 4.4055992000000002
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIETZ EUROPEAN MOTORS (Continued)

1000595667

Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2011
County Code: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 2.784
Reactive Organic Gases Tons/Yr: 2.4894958
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: 2012
County Code: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 2.391
Reactive Organic Gases Tons/Yr: 2.1243078
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: 2013
County Code: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 2.391
Reactive Organic Gases Tons/Yr: 2.1243078
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: 2014
County Code: 49
Air Basin: SF
Facility ID: 1709

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIETZ EUROPEAN MOTORS (Continued)

1000595667

Air District Name: BA
SIC Code: 7532
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: 2.390657782
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: 2015
County Code: 49
Air Basin: SF
Facility ID: 1709
Air District Name: BA
SIC Code: 7532
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: 2.3906578
Reactive Organic Gases Tons/Yr: 2.3564669
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

HAZNET:

envid: 1000595667
Year: 2000
GEPaid: CAD983596198
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 112 COMMERCIAL CT STE 2
Mailing City,St,Zip: SANTA ROSA, CA 954076234
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Oil/water separation sludge
Disposal Method: Transfer Station
Tons: 4.58
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F26
NNW
1/8-1/4
0.170 mi.
897 ft.

GOLDEN GATE NORTH
112 COMMERCIAL CT.
SANTA ROSA, CA 95407

Site 2 of 3 in cluster F

RCRA-SQG **1000175246**
FINDS **CAD144157435**
ECHO

Relative:
Lower

RCRA-SQG:

Actual:
143 ft.

Date form received by agency: 06/03/1986
Facility name: MAACO AUTO PAINTING
Facility address: 112 COMMERCIAL COURT
SANTA ROSA, CA 95407
EPA ID: CAD144157435
Contact: ENVIRONMENTAL MANAGER
Contact address: 112 COMMERCIAL COURT
SANTA ROSA, CA 95407
Contact country: US
Contact telephone: 707-578-8485
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: M. JEFFERY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN GATE NORTH (Continued)

1000175246

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: 110001155491

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.

HAZARDOUS AIR POLLUTANT MAJOR

STATE MASTER

Registry ID: 110055831961

Environmental Interest/Information System

STATE MASTER

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

ECHO:

Envid: 1000175246
Registry ID: 110001155491
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001155491>

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

F27
NNW
1/8-1/4
0.170 mi.
897 ft.

BAVARIAN TUNING
112 COMMERCIAL CT
SANTA ROSA, CA

Site 3 of 3 in cluster F

AST **A100323126**
N/A

Relative:
Lower

AST:
 Certified Unified Program Agencies: Santa Rosa
 Owner: Bavarian Tuning
 Total Gallons: 1,320
 CERSID: Not reported
 Facility ID: Not reported
 Business Name: Not reported
 Phone: Not reported
 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

Actual:
143 ft.

G28
ESE
1/8-1/4
0.194 mi.
1025 ft.

PACIFIC BELL
459 YOLANDA
SANTA ROSA, CA 95404

Site 1 of 4 in cluster G

RCRA NonGen / NLR **1000251625**
FINDS **CAT080025992**
ECHO

Relative:
Higher

RCRA NonGen / NLR:
 Date form received by agency: 09/02/1997
 Facility name: PACIFIC BELL
 Facility address: 459 YOLANDA
 SANTA ROSA, CA 95404
 EPA ID: CAT080025992
 Mailing address: 3707 KINGS WAY SEC A-6
 SACRAMENTO, CA 95821
 Contact: ENVIRONMENTAL MANAGER
 Contact address: 459 YOLANDA
 SANTA ROSA, CA 95404
 Contact country: US
 Contact telephone: 916-485-0997
 Contact email: Not reported
 EPA Region: 09
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
149 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000251625

Owner/Operator Summary:

Owner/operator name: THERESA P ACQUISTAPACE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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: 09/01/1996
Site name: PACIFIC BELL
Classification: Small Quantity Generator

Date form received by agency: 01/22/1981
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002952859

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000251625

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

ECHO:

Envid: 1000251625
Registry ID: 110002952859
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002952859>

**G29
ESE
1/8-1/4
0.194 mi.
1025 ft.**

**FLYERS ENERGY 3017
459 YOLANDA AVENUE
SANTA ROSA, CA 95404**

Site 2 of 4 in cluster G

**Relative:
Higher**

**Actual:
149 ft.**

LUST REG 1:
Region: 1
Facility ID: 1TSR052
Staff Initials: JEF

**LUST S100236345
HAZNET N/A
HIST CORTESE
NPDES
Notify 65
CIWQS**

HAZNET:

envid: S100236345
Year: 2016
GEPaid: CAL000403746
Contact: AMANDA APPELT
Telephone: 5308850401
Mailing Name: Not reported
Mailing Address: 2360 LINDBERGH ST
Mailing City,St,Zip: AUBURN, CA 956020000
Gen County: Sonoma
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1125
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

envid: S100236345
Year: 2016
GEPaid: CAL000403746
Contact: AMANDA APPELT
Telephone: 5308850401
Mailing Name: Not reported
Mailing Address: 2360 LINDBERGH ST
Mailing City,St,Zip: AUBURN, CA 956020000
Gen County: Sonoma
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.221

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLYERS ENERGY 3017 (Continued)

S100236345

Cat Decode: Unspecified organic liquid mixture
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Facility County: Sonoma

envid: S100236345
Year: 2015
GEPaid: CAL000403746
Contact: AMANDA APPELT
Telephone: 5308850401
Mailing Name: Not reported
Mailing Address: 2360 LINDBERGH ST
Mailing City,St,Zip: AUBURN, CA 956029562
Gen County: Sonoma
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Tons: 0.5375
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR052

NPDES:

Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 1
Regulatory Measure Id: 462602
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 1 49I026190
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 10/08/2015
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Flyers Energy
Discharge Address: 2360 Lindbergh Street
Discharge City: Auburn
Discharge State: California
Discharge Zip: 95602
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLYERS ENERGY 3017 (Continued)

S100236345

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
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:	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:	1
Regulatory Measure Id:	462602
Order No:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLYERS ENERGY 3017 (Continued)

S100236345

Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	1 491026190
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:	10/01/2015
PROCESSED DATE:	10/08/2015
STATUS CODE NAME:	Active
STATUS DATE:	10/08/2015
PLACE SIZE:	1.7
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Christina Wilfong
FACILITY CONTACT TITLE:	Bulk Plant Manager
FACILITY CONTACT PHONE:	707-546-0766
FACILITY CONTACT PHONE EXT:	177
FACILITY CONTACT EMAIL:	christinaw@4flyers.com
OPERATOR NAME:	Flyers Energy
OPERATOR ADDRESS:	2360 Lindbergh Street
OPERATOR CITY:	Auburn
OPERATOR STATE:	California
OPERATOR ZIP:	95602
OPERATOR CONTACT NAME:	Elizabeth Orizaga
OPERATOR CONTACT TITLE:	Compliance Coordinator
OPERATOR CONTACT PHONE:	530-885-0401
OPERATOR CONTACT PHONE EXT:	2105
OPERATOR CONTACT EMAIL:	elizabetho@4flyers.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
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

FLYERS ENERGY 3017 (Continued)

S100236345

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: N
RECEIVING WATER NAME: Laguna de Santa Rosa
CERTIFIER NAME: Vanessa Estrada
CERTIFIER TITLE: Engineering Assistant
CERTIFICATION DATE: 01-OCT-15
PRIMARY SIC: 5171-Petroleum Bulk Stations and Terminals
SECONDARY SIC: Not reported
TERTIARY SIC: 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

CIWQS:

Agency: Flyers Energy
Agency Address: 2360 Lindbergh Street, Auburn, CA 95602
Place/Project Type: Industrial - Petroleum Bulk Stations and Terminals
SIC/NAICS: 5171
Region: 1
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 1 49I026190
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 10/08/2015
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 38.41399
Longitude: -122.70857

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

G30 **FLYERS #479**
ESE **459 YOLANDA AVE**
1/8-1/4 **SANTA ROSA, CA 95404**
0.194 mi.
1025 ft. **Site 3 of 4 in cluster G**

UST **U004262720**
N/A

Relative: **UST:**
Higher Facility ID: 49-060-000577
 Permitting Agency: Santa Rosa City Fire Department
Actual: Latitude: 38.453733
149 ft. Longitude: -122.672345

G31 **PRIVATE RESIDENCE**
ESE **PRIVATE RESIDENCE**
1/8-1/4 **SANTA ROSA, CA 95404**
0.210 mi.
1107 ft. **Site 4 of 4 in cluster G**

LUST **S110655644**
N/A

Relative: **LUST:**
Higher Lead Agency: NORTH COAST RWQCB (REGION 1)
Actual: Case Type: LUST Cleanup Site
149 ft. Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700574
 Global Id: T0609700574
 Latitude: 38.4135051525519
 Longitude: -122.708268726376
 Status: Completed - Case Closed
 Status Date: 08/03/2001
 Case Worker: ZZZ
 RB Case Number: 1TSR052
 Local Agency: SANTA ROSA, CITY OF
 File Location: Regional Board
 Local Case Number: Not reported
 Potential Media Affect: Well used for drinking water supply
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:
Global Id: T0609700574
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700574
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700574
Action Type: Other
Date: 07/06/1988
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIVATE RESIDENCE (Continued)

S110655644

Global Id: T0609700574
Action Type: ENFORCEMENT
Date: 08/03/2001
Action: Closure/No Further Action Letter

Global Id: T0609700574
Action Type: REMEDIATION
Date: 04/05/2000
Action: Excavation

Global Id: T0609700574
Action Type: Other
Date: 07/06/1988
Action: Leak Reported

Global Id: T0609700574
Action Type: ENFORCEMENT
Date: 01/24/1989
Action: * Historical Enforcement

Global Id: T0609700574
Action Type: Other
Date: 07/06/1988
Action: Leak Stopped

LUST:

Global Id: T0609700574
Status: Open - Case Begin Date
Status Date: 07/06/1988

Global Id: T0609700574
Status: Open - Site Assessment
Status Date: 07/06/1988

Global Id: T0609700574
Status: Open - Site Assessment
Status Date: 02/02/1990

Global Id: T0609700574
Status: Open - Site Assessment
Status Date: 04/23/1990

Global Id: T0609700574
Status: Open - Site Assessment
Status Date: 08/20/1993

Global Id: T0609700574
Status: Completed - Case Closed
Status Date: 08/03/2001

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

H32
SSW
 1/8-1/4
 0.214 mi.
 1130 ft.

HEPPER, TOM
SANTA ROSA AVENUE 2775
SANTA ROSA, CA

Site 1 of 2 in cluster H

LUST S101304972
N/A

Relative:
Lower
Actual:
132 ft.

LUST REG 1:
 Region: 1
 Facility ID: 1TSR099
 Staff Initials: Closed

H33
SSW
 1/8-1/4
 0.214 mi.
 1130 ft.

HEPPER, TOM
2775 SANTA ROSA AVENUE
SANTA ROSA, CA 95407

Site 2 of 2 in cluster H

LUST S100179298
ENF N/A
HAZNET
HIST CORTESE
Notify 65

Relative:
Lower
Actual:
132 ft.

LUST:
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700610
 Global Id: T0609700610
 Latitude: 38.4102377555059
 Longitude: -122.713516326984
 Status: Completed - Case Closed
 Status Date: 11/03/1995
 Case Worker: ZZZ
 RB Case Number: 1TSR099
 Local Agency: SANTA ROSA, CITY OF
 File Location: Not reported
 Local Case Number: Not reported
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:
 Global Id: T0609700610
 Contact Type: Local Agency Caseworker
 Contact Name: LOCAL PERMIT WORKER SANTA ROSA
 Organization Name: SANTA ROSA, CITY OF
 Address: 625 5th Street
 City: SANTA ROSA
 Email: Not reported
 Phone Number: 7075433500

Global Id: T0609700610
 Contact Type: Regional Board Caseworker
 Contact Name: REGIONAL WATER BOARD SITE CLOSED
 Organization Name: NORTH COAST RWQCB (REGION 1)
 Address: 5550 SKYLANE BOULEVARD, SUITE A
 City: SANTA ROSA
 Email: craig.hunt@waterboards.ca.gov
 Phone Number: 7075762220

LUST:
 Global Id: T0609700610
 Action Type: Other
 Date: 07/05/1989
 Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

Global Id: T0609700610
Action Type: ENFORCEMENT
Date: 09/12/1990
Action: * Historical Enforcement

Global Id: T0609700610
Action Type: Other
Date: 07/05/1989
Action: Leak Reported

Global Id: T0609700610
Action Type: Other
Date: 07/05/1989
Action: Leak Stopped

LUST:

Global Id: T0609700610
Status: Open - Case Begin Date
Status Date: 07/05/1989

Global Id: T0609700610
Status: Open - Site Assessment
Status Date: 07/19/1989

Global Id: T0609700610
Status: Open - Site Assessment
Status Date: 09/20/1989

Global Id: T0609700610
Status: Open - Site Assessment
Status Date: 10/06/1989

Global Id: T0609700610
Status: Open - Remediation
Status Date: 04/29/1993

Global Id: T0609700610
Status: Open - Remediation
Status Date: 06/16/1993

Global Id: T0609700610
Status: Open - Site Assessment
Status Date: 06/16/1993

Global Id: T0609700610
Status: Open - Verification Monitoring
Status Date: 06/16/1993

Global Id: T0609700610
Status: Completed - Case Closed
Status Date: 11/03/1995

ENF:

Region: 1
Facility Id: 230094

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.40957
Place Longitude:	-122.71354
SIC Code 1:	2844
SIC Desc 1:	Perfumes, Cosmetics, and Other Toilet Preparations
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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221391
Region:	1
Order / Resolution Number:	90-183
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	09/12/1990
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/09/1998
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR099NUG Hepper, Tom
Description:	PETROLEUM PROD. AFFECTING BENEFICIAL USES OF GW WITH THREATENED CHARGED F/STOCKPILED SOILS.
Program:	UST
Latest Milestone Completion Date:	1995-11-03
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	230094
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.40957
Place Longitude:	-122.71354
SIC Code 1:	2844
SIC Desc 1:	Perfumes, Cosmetics, and Other Toilet Preparations
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:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221136
Region:	1
Order / Resolution Number:	LT951103
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	11/03/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/03/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR099NUG Hepper, Tom
Description:	CASE CLOSURE.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

Total \$ Paid/Completed Amount: \$0.00

HAZNET:

envid: S100179298
Year: 2016
GEPaid: CAL000371367
Contact: RYAN DRAPER
Telephone: 9724095786
Mailing Name: Not reported
Mailing Address: 8000 BENT BRANCH DR
Mailing City,St,Zip: IRVING, TX 750630000
Gen County: Sonoma
TSD EPA ID: CAD980884183
TSD County: Sacramento
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0015
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

envid: S100179298
Year: 2016
GEPaid: CAL000371367
Contact: RYAN DRAPER
Telephone: 9724095786
Mailing Name: Not reported
Mailing Address: 8000 BENT BRANCH DR
Mailing City,St,Zip: IRVING, TX 750630000
Gen County: Sonoma
TSD EPA ID: CAD980884183
TSD County: Sacramento
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0035
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

envid: S100179298
Year: 2016
GEPaid: CAL000371367
Contact: RYAN DRAPER
Telephone: 9724095786
Mailing Name: Not reported
Mailing Address: 8000 BENT BRANCH DR
Mailing City,St,Zip: IRVING, TX 750630000
Gen County: Sonoma
TSD EPA ID: CAD980884183
TSD County: Sacramento
Waste Category: Unspecified solvent mixture
Disposal Method: 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

HEPPER, TOM (Continued)

S100179298

Tons: 0.0105
Cat Decode: Unspecified solvent mixture
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

envid: S100179298
Year: 2016
GEPaid: CAL000371367
Contact: RYAN DRAPER
Telephone: 9724095786
Mailing Name: Not reported
Mailing Address: 8000 BENT BRANCH DR
Mailing City,St,Zip: IRVING, TX 750630000
Gen County: Sonoma
TSD EPA ID: CAD980884183
TSD County: Sacramento
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: 0.029
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: Sonoma

envid: S100179298
Year: 2015
GEPaid: CAL000371367
Contact: RYAN DRAPER
Telephone: 9724095786
Mailing Name: Not reported
Mailing Address: 8000 BENT BRANCH DR
Mailing City,St,Zip: IRVING, TX 750630000
Gen County: Sonoma
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: 0.0045
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

[Click this hyperlink](#) while viewing on your computer to access 10 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR099

NOTIFY 65:

Date Reported: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

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

I34
WSW
1/8-1/4
0.216 mi.
1140 ft.

MANLY AUTOCENTER
2701 CORBY
SANTA ROSA, CA
Site 1 of 5 in cluster I

AST 1006823329
EMI N/A

Relative:
Lower
Actual:
133 ft.

AST:
Certified Unified Program Agencies: Santa Rosa
Owner: Manly Autocenter
Total Gallons: 1,320
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
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

EMI:
Year: 1999
County Code: 49
Air Basin: SF
Facility ID: 12379
Air District Name: BA
SIC Code: 5511
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

MANLY AUTOCENTER (Continued)

1006823329

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

Year: 2000
County Code: 49
Air Basin: SF
Facility ID: 12379
Air District Name: BA
SIC Code: 5511
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: 49
Air Basin: SF
Facility ID: 12379
Air District Name: BA
SIC Code: 5511
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

I35 **MANLY OLDSMOBILE - GMC, INC.**
WSW **2701 CORBY AVENUE**
1/8-1/4 **SANTA ROSA, CA 95407**
0.216 mi.
1140 ft. **Site 2 of 5 in cluster I**

UST **U003783072**
N/A

Relative: UST:
Lower Facility ID: 49-060-000011
Permitting Agency: SANTA ROSA, CITY OF
Actual: Latitude: 38.413206
133 ft. Longitude: -122.717463

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I36
WSW
1/8-1/4
0.216 mi.
1140 ft.

MANLY AUTOCENTER
2701 CORBY AVENUE
SANTA ROSA, CA 95407

Site 3 of 5 in cluster I

RCRA-SQG 1000594904
SWEEPS UST CAD983587890
FINDS
ECHO
HAZNET

Relative:
Lower

RCRA-SQG:

Actual:
133 ft.

Date form received by agency: 10/07/1991
Facility name: MANLY OLDS GMC
Facility address: 2701 CORBY AVE
SANTA ROSA, CA 95407
EPA ID: CAD983587890
Mailing address: PO BOX 1629
SANTA ROSA, CA 95402
Contact: BRIAN MANLY
Contact address: 2701 CORBY AVE
SANTA ROSA, CA 95407
Contact country: US
Contact telephone: 707-545-7212
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: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: WILLIAM MANLY
Owner/operator address: P O BOX 1655
SANTA ROSA, CA 95402
Owner/operator country: Not reported
Owner/operator telephone: 707-542-5377
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY AUTOCENTER (Continued)

1000594904

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

SWEEPS UST:

Status: Active
Comp Number: 165
Number: 9
Board Of Equalization: Not reported
Referral Date: 12-27-93
Action Date: 06-24-94
Created Date: 06-24-94
Owner Tank Id: J35114
SWRCB Tank Id: 49-060-000165-000001
Tank Status: A
Capacity: 1000
Active Date: 12-27-93
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 1

FINDS:

Registry ID: 110013818921

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.

Registry ID: 110055721063

Environmental Interest/Information System

STATE MASTER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY AUTOCENTER (Continued)

1000594904

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

ECHO:

Envid: 1000594904
Registry ID: 110013818921
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110013818921>

HAZNET:

envid: 1000594904
Year: 2013
GEPaid: CAD983587890
Contact: BRIAN MANLY PRES.
Telephone: 7075351101
Mailing Name: Not reported
Mailing Address: PO BOX 1629
Mailing City,St,Zip: SANTA ROSA, CA 954021629
Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1000594904
Year: 2013
GEPaid: CAD983587890
Contact: BRIAN MANLY PRES.
Telephone: 7075351101
Mailing Name: Not reported
Mailing Address: PO BOX 1629
Mailing City,St,Zip: SANTA ROSA, CA 954021629
Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02085
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1000594904
Year: 2013
GEPaid: CAD983587890
Contact: BRIAN MANLY PRES.
Telephone: 7075351101
Mailing Name: Not reported
Mailing Address: PO BOX 1629
Mailing City,St,Zip: SANTA ROSA, CA 954021629

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY AUTOCENTER (Continued)

1000594904

Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1000594904
Year: 2012
GEPaid: CAD983587890
Contact: BRIAN MANLY PRES.
Telephone: 7075351101
Mailing Name: Not reported
Mailing Address: PO BOX 1629
Mailing City,St,Zip: SANTA ROSA, CA 954021629
Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1251
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1000594904
Year: 2010
GEPaid: CAD983587890
Contact: BRIAN MANLY PRES.
Telephone: 7075351101
Mailing Name: Not reported
Mailing Address: PO BOX 1629
Mailing City,St,Zip: SANTA ROSA, CA 954021629
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0417
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

[Click this hyperlink](#) while viewing on your computer to access 64 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

I37
SW
1/8-1/4
0.220 mi.
1161 ft.

MANLY OLDS GMC TRUCK
2755 CORBY AVE
SANTA ROSA, CA 95401

Site 4 of 5 in cluster I

HIST UST
CA FID UST
RCRA NonGen / NLR
FINDS
ECHO

1000293466
CAD981441405

Relative:
Lower
Actual:
133 ft.

HIST UST:

File Number: 00021B71
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021B71.pdf>
 Region: STATE
 Facility ID: 00000002684
 Facility Type: Other
 Other Type: Not reported
 Contact Name: BRIAN MANLY
 Telephone: 7075457212
 Owner Name: MANLY OLDS-GMC INC.
 Owner Address: 2755 CORBY AVE
 Owner City,St,Zip: SANTA ROSA, CA 95401
 Total Tanks: 0004

Tank Num: 001
 Container Num: 1
 Year Installed: 1983
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Container Construction Thickness: 12
 Leak Detection: Visual, Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: 1983
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Container Construction Thickness: 12
 Leak Detection: Visual, Stock Inventor

Tank Num: 003
 Container Num: 3
 Year Installed: 1983
 Tank Capacity: 00000550
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 12
 Leak Detection: Visual, Stock Inventor

Tank Num: 004
 Container Num: 4
 Year Installed: 1983
 Tank Capacity: 00000550
 Tank Used for: WASTE
 Type of Fuel: WASTE OIL
 Container Construction Thickness: 12
 Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY OLDS GMC TRUCK (Continued)

1000293466

CA FID UST:

Facility ID: 49001501
Regulated By: UTNKA
Regulated ID: 00002684
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075457212
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

RCRA NonGen / NLR:

Date form received by agency: 09/04/1986
Facility name: MANLY OLDS GMC TRUCK
Facility address: 2755 CORBY AVE
SANTA ROSA, CA 95401
EPA ID: CAD981441405
Mailing address: 2755 CORBY AVE PO BOX 1629
SANTA ROSA, CA 95401
Contact: ENVIRONMENTAL MANAGER
Contact address: 2755 CORBY AVE
SANTA ROSA, CA 95401
Contact country: US
Contact telephone: 707-584-8220
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: BRIAN MANLY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY OLDS GMC TRUCK (Continued)

1000293466

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

FINDS:

Registry ID: 110002706563

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.

Registry ID: 110057106778

Environmental Interest/Information System

STATE MASTER

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

ECHO:

Envid: 1000293466
Registry ID: 110002706563
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002706563>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I38
SW
1/8-1/4
0.220 mi.
1161 ft.
MANLY MITSUBISHI
2755 CORBY AVENUE
SANTA ROSA, CA 95407
Site 5 of 5 in cluster I

LUST **S100939492**
SWEEPS UST **N/A**
HIST CORTESE

Relative:
Lower
Actual:
133 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700718
Global Id: T0609700718
Latitude: 38.4123027198207
Longitude: -122.716989024606
Status: Completed - Case Closed
Status Date: 08/14/1995
Case Worker: ZZZ
RB Case Number: 1TSR271
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0609700718
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700718
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700718
Action Type: Other
Date: 09/20/1993
Action: Leak Stopped

Global Id: T0609700718
Action Type: Other
Date: 09/20/1993
Action: Leak Reported

Global Id: T0609700718
Action Type: Other
Date: 09/20/1993
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY MITSUBISHI (Continued)

S100939492

LUST:

Global Id: T0609700718
Status: Open - Case Begin Date
Status Date: 09/20/1993

Global Id: T0609700718
Status: Open - Site Assessment
Status Date: 09/30/1993

Global Id: T0609700718
Status: Open - Remediation
Status Date: 08/13/1995

Global Id: T0609700718
Status: Open - Site Assessment
Status Date: 08/13/1995

Global Id: T0609700718
Status: Open - Verification Monitoring
Status Date: 08/13/1995

Global Id: T0609700718
Status: Completed - Case Closed
Status Date: 08/14/1995

LUST REG 1:

Region: 1
Facility ID: 1TSR271
Staff Initials: Closed

SWEEPS UST:

Status: Not reported
Comp Number: 2684
Number: Not reported
Board Of Equalization: 44-028148
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-002684-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 2684
Number: Not reported
Board Of Equalization: 44-028148
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY MITSUBISHI (Continued)

S100939492

Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-002684-000002
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2684
Number: Not reported
Board Of Equalization: 44-028148
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-002684-000003
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: PRODUCT
Content: MOTOR OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 2684
Number: Not reported
Board Of Equalization: 44-028148
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-002684-000004
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR271

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J39
NNW
1/8-1/4
0.220 mi.
1163 ft.
Site 1 of 6 in cluster J

LUST **S101304970**
HIST CORTESE **N/A**

Relative:
Higher
Actual:
144 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700536
Global Id: T0609700536
Latitude: 38.4168817
Longitude: -122.7135779
Status: Completed - Case Closed
Status Date: 01/22/1996
Case Worker: ZZZ
RB Case Number: 1TSR012
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700536
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700536
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700536
Action Type: ENFORCEMENT
Date: 01/22/1996
Action: * Historical Enforcement

Global Id: T0609700536
Action Type: Other
Date: 07/02/1986
Action: Leak Discovery

Global Id: T0609700536
Action Type: Other
Date: 07/02/1986
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & W INVESTMENTS (Continued)

S101304970

Global Id: T0609700536
Action Type: Other
Date: 07/02/1986
Action: Leak Stopped

LUST:

Global Id: T0609700536
Status: Open - Case Begin Date
Status Date: 07/02/1986

Global Id: T0609700536
Status: Open - Site Assessment
Status Date: 08/28/1987

Global Id: T0609700536
Status: Open - Site Assessment
Status Date: 06/20/1990

Global Id: T0609700536
Status: Open - Site Assessment
Status Date: 08/17/1990

Global Id: T0609700536
Status: Open - Remediation
Status Date: 01/21/1996

Global Id: T0609700536
Status: Open - Site Assessment
Status Date: 01/21/1996

Global Id: T0609700536
Status: Open - Verification Monitoring
Status Date: 01/21/1996

Global Id: T0609700536
Status: Completed - Case Closed
Status Date: 01/22/1996

LUST REG 1:

Region: 1
Facility ID: 1TSR012
Staff Initials: Closed

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J40
NNW
1/8-1/4
0.222 mi.
1170 ft.

SMOTHERS AUTO CTR. INC.
2157 SANTA ROSA AVE
SANTA ROSA, CA 95407

SWEEPS UST **S101627379**
CA FID UST **N/A**

Site 2 of 6 in cluster J

Relative:
Higher

SWEEPS UST:
Status: Active
Comp Number: 2667
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: ONE
SWRCB Tank Id: 49-060-002667-000001
Tank Status: A
Capacity: 300
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 1

Actual:
144 ft.

CA FID UST:
Facility ID: 49003668
Regulated By: UTNKA
Regulated ID: 00002667
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075441495
Mail To: Not reported
Mailing Address: 2157 SANTA ROSA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

J41
NNW
1/8-1/4
0.222 mi.
1170 ft.

SMOTHERS AUTO CTR INC
2157 SANTA ROSA AVE
SANTA ROSA, CA 95407

HIST UST **U001609578**
N/A

Site 3 of 6 in cluster J

Relative:
Higher

HIST UST:
File Number: 000216B2
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000216B2.pdf>
Region: STATE
Facility ID: 00000002667
Facility Type: Other
Other Type: AUTO REPAIR
Contact Name: TONY TOBON
Telephone: 7075441495
Owner Name: S & W INVESTMENTS

Actual:
144 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMOTHERS AUTO CTR INC (Continued)

U001609578

Owner Address: 2155 SANTA ROSA AVE
Owner City,St,Zip: SANTA ROSA, CA 5407
Total Tanks: 0001

Tank Num: 001
Container Num: ONE
Year Installed: 1979
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

K42
West
1/8-1/4
0.226 mi.
1195 ft.

COLBY AVENUE SHELL
2575 CORBY AVE
SANTA ROSA, CA 95407

Site 1 of 11 in cluster K

SWEEPS UST S101627368
CA FID UST N/A

Relative:
Lower

Actual:
137 ft.

SWEEPS UST:
Status: Active
Comp Number: 2097
Number: 1
Board Of Equalization: 44-027940
Referral Date: 08-19-91
Action Date: 08-19-91
Created Date: 03-31-89
Owner Tank Id: 69962508-2RU-1
SWRCB Tank Id: 49-000-002097-000001
Tank Status: A
Capacity: 10000
Active Date: 08-19-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 2097
Number: 1
Board Of Equalization: 44-027940
Referral Date: 08-19-91
Action Date: 08-19-91
Created Date: 03-31-89
Owner Tank Id: 699625081-SU-1
SWRCB Tank Id: 49-000-002097-000002
Tank Status: A
Capacity: 10000
Active Date: 08-19-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 2097

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLBY AVENUE SHELL (Continued)

S101627368

Number: 1
Board Of Equalization: 44-027940
Referral Date: 08-19-91
Action Date: 08-19-91
Created Date: 03-31-89
Owner Tank Id: 699625083-REG1
SWRCB Tank Id: 49-000-002097-000003
Tank Status: A
Capacity: 10000
Active Date: 08-19-91
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 2097
Number: 1
Board Of Equalization: 44-027940
Referral Date: 08-19-91
Action Date: 08-19-91
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-002097-000004
Tank Status: A
Capacity: 1
Active Date: 10-05-89
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 49000126
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075445240
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Facility ID: 49000126
Regulated By: UTNKA
Regulated ID: 00067170
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075445240

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COLBY AVENUE SHELL (Continued)

S101627368

Mail To: Not reported
 Mailing Address: 2575 CORBY
 Mailing Address 2: Not reported
 Mailing City,St,Zip: SANTA ROSA 95407
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

K43
West
1/8-1/4
0.226 mi.
1195 ft.

CORBY SHELL
2575 CORBY AVE
SANTA ROSA, CA 95407

Site 2 of 11 in cluster K

LUST **1000288604**
SWEEPS UST **N/A**
CUPA Listings
HAZNET
HIST CORTESE

Relative:
Lower
Actual:
137 ft.

LUST:
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700103
 Global Id: T0609700103
 Latitude: 38.4145932089612
 Longitude: -122.717846764438
 Status: Completed - Case Closed
 Status Date: 12/13/2013
 Case Worker: ZZZ
 RB Case Number: 1TSO135
 Local Agency: SONOMA COUNTY LOP
 File Location: Regional Board
 Local Case Number: 00002097
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
 Site History: Problem Description In July 1987, soil samples collected during the removal of a 550-gallon waste oil underground storage tank (UST) indicated petroleum releases from the waste-oil UST. In 1998, site investigation revealed additional petroleum releases from petroleum product distribution piping. In November and December 2002, soil and groundwater sampling conducted during the installation of replacement fuel storage USTs indicated that petroleum was also released from the fuel USTs. Actions Completed Between October 1988 and September 2004, Shell Oil Products US (Shell) advanced eleven exploratory borings and installed thirty-five groundwater monitoring and extraction wells. Shell used the wells to define the extent of contamination in soil and groundwater and to conduct groundwater extraction and treatment. Between October 2005 and November 2008, Shell operated a groundwater extraction and treatment system. Shell removed and treated approximately 1.7 million gallons of petroleum impacted groundwater. Shell conducted periodic groundwater monitoring from 1992 to 2012. In October 2012, a review of the site conditions determined that the site meets the case closure criteria specified in the Low-Threat Underground Storage Tank Case Closure Policy (Policy).

LUST:
 Global Id: T0609700103
 Contact Type: Regional Board Caseworker
 Contact Name: REGIONAL WATER BOARD SITE CLOSED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORBY SHELL (Continued)

1000288604

Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700103
Action Type: RESPONSE
Date: 11/05/2012
Action: Other Report / Document

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 02/25/2013
Action: Verbal Enforcement

Global Id: T0609700103
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700103
Action Type: RESPONSE
Date: 10/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700103
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 01/13/2009
Action: 13267 Monitoring Program

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 01/23/2013
Action: Staff Letter

Global Id: T0609700103
Action Type: RESPONSE
Date: 09/30/2008
Action: Correspondence

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 06/05/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 08/13/2002
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORBY SHELL (Continued)

1000288604

Global Id:	T0609700103
Action Type:	ENFORCEMENT
Date:	11/04/2013
Action:	Staff Letter
Global Id:	T0609700103
Action Type:	ENFORCEMENT
Date:	03/01/2004
Action:	Notification - Public Notice of ROD/RAP/CAP
Global Id:	T0609700103
Action Type:	ENFORCEMENT
Date:	03/04/2004
Action:	Staff Letter
Global Id:	T0609700103
Action Type:	ENFORCEMENT
Date:	06/03/2004
Action:	Staff Letter
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	02/13/2013
Action:	Well Destruction Workplan - Regulator Responded
Global Id:	T0609700103
Action Type:	ENFORCEMENT
Date:	12/22/2009
Action:	File review
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	12/30/2004
Action:	CAP/RAP - Other Report
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	04/30/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	04/30/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	12/12/2013
Action:	Well Destruction Report
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	07/31/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609700103
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORBY SHELL (Continued)

1000288604

Date: 04/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: File review

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 07/30/2009
Action: 13267 Monitoring Program

Global Id: T0609700103
Action Type: RESPONSE
Date: 10/31/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700103
Action Type: RESPONSE
Date: 03/30/2004
Action: Other Report / Document

Global Id: T0609700103
Action Type: RESPONSE
Date: 01/30/2004
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700103
Action Type: RESPONSE
Date: 07/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700103
Action Type: RESPONSE
Date: 10/31/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700103
Action Type: RESPONSE
Date: 10/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700103
Action Type: RESPONSE
Date: 10/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700103
Action Type: RESPONSE
Date: 05/31/2002
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700103
Action Type: RESPONSE
Date: 05/31/2002
Action: CAP/RAP - Feasibility Study Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORBY SHELL (Continued)

1000288604

Global Id:	T0609700103
Action Type:	RESPONSE
Date:	06/30/2012
Action:	Conceptual Site Model
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	10/31/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	12/03/2012
Action:	Correspondence
Global Id:	T0609700103
Action Type:	ENFORCEMENT
Date:	09/08/1988
Action:	* Historical Enforcement
Global Id:	T0609700103
Action Type:	ENFORCEMENT
Date:	08/09/2012
Action:	Staff Letter
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	01/31/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	04/30/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	10/31/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	07/31/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	01/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0609700103
Action Type:	RESPONSE
Date:	07/30/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0609700103
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORBY SHELL (Continued)

1000288604

Date: 07/30/2008
Action: Verbal Enforcement

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 07/01/2005
Action: File review

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 08/15/2003
Action: File review

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 12/19/2012
Action: Staff Letter

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 10/03/2012
Action: Staff Letter

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 10/03/2012
Action: Notification - Public Notice of Case Closure

Global Id: T0609700103
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0609700103
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700103
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700103
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700103
Action Type: Other
Date: 08/17/1987
Action: Leak Reported

Global Id: T0609700103
Action Type: RESPONSE
Date: 10/31/2005
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORBY SHELL (Continued)

1000288604

Global Id: T0609700103
Action Type: RESPONSE
Date: 07/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700103
Action Type: Other
Date: 08/17/1987
Action: Leak Discovery

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 11/20/2003
Action: Staff Letter

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 07/30/2009
Action: Staff Letter

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 07/01/2003
Action: * Verbal Communication

Global Id: T0609700103
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700103
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700103
Action Type: Other
Date: 08/17/1987
Action: Leak Stopped

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 02/17/2012
Action: Staff Letter

Global Id: T0609700103
Action Type: REMEDIATION
Date: 10/21/2005
Action: Pump & Treat (P&T) Groundwater

Global Id: T0609700103
Action Type: ENFORCEMENT
Date: 12/12/2013
Action: Closure/No Further Action Letter

LUST:
Global Id: T0609700103

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORBY SHELL (Continued)

1000288604

Status: Open - Case Begin Date
Status Date: 08/17/1987

Global Id: T0609700103
Status: Open - Site Assessment
Status Date: 09/11/1987

Global Id: T0609700103
Status: Open - Site Assessment
Status Date: 04/18/1988

Global Id: T0609700103
Status: Open - Site Assessment
Status Date: 09/04/1991

Global Id: T0609700103
Status: Open - Site Assessment
Status Date: 10/15/2001

Global Id: T0609700103
Status: Open - Remediation
Status Date: 02/02/2004

Global Id: T0609700103
Status: Open - Remediation
Status Date: 02/23/2004

Global Id: T0609700103
Status: Open - Remediation
Status Date: 12/10/2005

Global Id: T0609700103
Status: Open - Verification Monitoring
Status Date: 01/05/2009

Global Id: T0609700103
Status: Open - Eligible for Closure
Status Date: 10/03/2012

Global Id: T0609700103
Status: Completed - Case Closed
Status Date: 12/13/2013

LUST REG 1:

Region: 1
Facility ID: 1TSO135
Staff Initials: JAT

SWEEPS UST:

Status: Active
Comp Number: 67170
Number: 9
Board Of Equalization: 44-028391
Referral Date: 07-01-85
Action Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORBY SHELL (Continued)

1000288604

Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-067170-000001
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 67170
Number: 9
Board Of Equalization: 44-028391
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-067170-000002
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 67170
Number: 9
Board Of Equalization: 44-028391
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 49-060-067170-000003
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 67170
Number: 9
Board Of Equalization: 44-028391
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 4
SWRCB Tank Id: 49-060-067170-000004
Tank Status: A
Capacity: 550
Active Date: 07-01-85

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORBY SHELL (Continued)

1000288604

Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

CUPA SONOMA:

Facility ID: 49-000-000217
Permit: Not reported
Type: HMBP
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Not reported
CERS ID: 10101136
Expiration Date: 03/24/2019

Facility ID: 49-000-000217
Permit: Not reported
Type: UST
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Permit to Operate - 3 tanks
CERS ID: 10101136
Expiration Date: 03/24/2019

Facility ID: 49-000-000217
Permit: Not reported
Type: Hazardous Waste
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: SQG Recyclable - < 5 gallons/month (non-exempt)
CERS ID: 10101136
Expiration Date: 03/24/2019

HAZNET:

envid: 1000288604
Year: 2015
GEPAID: CAL000104394
Contact: MALKIAT S DHILLON/PRESIDENT
Telephone: 9167325502
Mailing Name: Not reported
Mailing Address: 3513 SERENITY CT
Mailing City,St,Zip: FAIRFIELD, CA 945348640
Gen County: Sonoma
TSD EPA ID: UTD981552177

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORBY SHELL (Continued)

1000288604

TSD County: 99
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.229
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1000288604
Year: 2013
GEPaid: CAL000104394
Contact: MALKIAT S DHILLON/PRESIDENT
Telephone: 9167325502
Mailing Name: Not reported
Mailing Address: 3513 SERENITY CT
Mailing City,St,Zip: FAIRFIELD, CA 945348640
Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0375
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1000288604
Year: 2013
GEPaid: CAL000104394
Contact: MALKIAT S DHILLON/PRESIDENT
Telephone: 9167325502
Mailing Name: Not reported
Mailing Address: 3513 SERENITY CT
Mailing City,St,Zip: FAIRFIELD, CA 945348640
Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.1668
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO135

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

K44 **PAUL M KALTENBACH**
West **2575 CORBY**
1/8-1/4 **SANTA ROSA, CA 95407**
0.226 mi.
1195 ft. **Site 3 of 11 in cluster K**

HIST UST **U001609566**
N/A

Relative:
Lower
Actual:
137 ft.

HIST UST:

File Number: 00021705
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021705.pdf>
 Region: STATE
 Facility ID: 00000067170
 Facility Type: Gas Station
 Other Type: Not reported
 Contact Name: Not reported
 Telephone: 7075445240
 Owner Name: SHELL OIL CO.
 Owner Address: P.O. BOX 4748
 Owner City,St,Zip: ANAHEIM, CA 92803
 Total Tanks: 0004

Tank Num: 001
 Container Num: 1
 Year Installed: 1980
 Tank Capacity: 00010000
 Tank Used for: WASTE
 Type of Fuel: 1
 Container Construction Thickness: /4 2
 Leak Detection: Stock Inventor, 10

Tank Num: 002
 Container Num: 2
 Year Installed: 1980
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Container Construction Thickness: 1/4
 Leak Detection: Stock Inventor, 10

Tank Num: 003
 Container Num: 3
 Year Installed: 1980
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Container Construction Thickness: 1/4
 Leak Detection: Stock Inventor, 10

Tank Num: 004
 Container Num: 4
 Year Installed: Not reported
 Tank Capacity: 00000550
 Tank Used for: WASTE
 Type of Fuel: WASTE OIL
 Container Construction Thickness: 12
 Leak Detection: None

[Click here for Geo Tracker PDF:](#)

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

K45
West
1/8-1/4
0.226 mi.
1195 ft.

SHELL SERVICE STATION
2575 CORBY DR
SANTA ROSA, CA 95407
Site 4 of 11 in cluster K

RCRA-SQG **1004678492**
LUST **CAR000109736**
FINDS
ECHO
HAZNET

Relative:
Lower
Actual:
137 ft.

RCRA-SQG:
 Date form received by agency: 11/29/2001
 Facility name: SHELL SERVICE STATION
 Facility address: 2575 CORBY DR
 S A P 136095
 SANTA ROSA, CA 95407
 EPA ID: CAR000109736
 Mailing address: P O BOX 2648
 HOUSTON, TX 77252-2648
 Contact: SONDR A BIENVENU
 Contact address: P O BOX 2648
 HOUSTON, TX 77252-2648
 Contact country: US
 Contact telephone: 713-241-5036
 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: EQUILON ENTERPRISES L L C
 Owner/operator address: P O BOX 2648
 HOUSTON, TX 77252
 Owner/operator country: Not reported
 Owner/operator telephone: 713-241-5036
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004678492

Used oil transporter: No
Waste code: D001
Waste name: IGNITABLE WASTE
Violation Status: No violations found

SONOMA CO. LUST:

Region: SONOMA
Regional Board: 1TSO135
Closed or Referred: Referred
Confirm Date: 05/11/2000
LOP Number: 00002097
Staff: Not reported
Decode of Staff: Not reported
Global ID: T0609700103
APN: Not reported
Notes: REFERRED

FINDS:

Registry ID: 110055720509

Environmental Interest/Information System
STATE MASTER

Registry ID: 110012235198

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.

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

ECHO:

Envid: 1004678492
Registry ID: 110012235198
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012235198>

HAZNET:

envid: 1004678492
Year: 2009
GEPaid: CAR000109736
Contact: R HULL/ENV. REPORTING ANALYST
Telephone: 2818742224

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004678492

Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip: Houston, TX 770670000
Gen County: Not reported
TSD EPA ID: CAD008302903
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: 0.0675
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1004678492
Year: 2007
GEPaid: CAR000109736
Contact: R HULL/ENV. REPORTING ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip: Houston, TX 770670000
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.45
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1004678492
Year: 2006
GEPaid: CAR000109736
Contact: R HULL/ENV. REPORTING ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip: Houston, TX 770670000
Gen County: Not reported
TSD EPA ID: WAD991281767
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Incineration
Tons: 0.02
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1004678492
Year: 2003
GEPaid: CAR000109736
Contact: NORA CORTEZ/ENVTL DATA ANALYST
Telephone: 2818742224
Mailing Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004678492

Mailing Address: 12700 NORTHBOROUGH DRIVE
Mailing City,St,Zip: Houston, TX 770672508
Gen County: Not reported
TSD EPA ID: WAD991281767
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: 0.03
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1004678492
Year: 2002
GEPaid: CAR000109736
Contact: NORA CORTEZ/ENVTL DATA ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DRIVE
Mailing City,St,Zip: Houston, TX 770672508
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Tons: 10
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

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

K46
West
1/8-1/4
0.226 mi.
1195 ft.

CORBY SHELL
2575 CORBY AVENUE
SANTA ROSA, CA 95407
Site 5 of 11 in cluster K

UST U004050059
N/A

Relative:
Lower
Actual:
137 ft.

UST:
Facility ID: 49-000-000217
Permitting Agency: Santa Rosa City Fire Department
Latitude: 38.414641
Longitude: -122.717678

Facility ID: 49-000-000217
Permitting Agency: SONOMA COUNTY
Latitude: 38.4160592
Longitude: -122.7164732

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J47
North
1/8-1/4
0.229 mi.
1209 ft.

JOE'S PERFORMANCE TOWING INC.
2151 SANTA ROSA
SANTA ROSA, CA 95407
Site 4 of 6 in cluster J

SWEEPS UST S101627363
HIST UST N/A
CA FID UST

Relative:
Higher

SWEEPS UST:

Actual:
145 ft.

Status: Active
Comp Number: 23826
Number: 9
Board Of Equalization: 44-028221
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-023826-000001
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 6

Status: Active
Comp Number: 23826
Number: 9
Board Of Equalization: 44-028221
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 49-060-023826-000002
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 23826
Number: 9
Board Of Equalization: 44-028221
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-023826-000003
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOE'S PERFORMANCE TOWING INC. (Continued)

S101627363

Comp Number: 23826
Number: 9
Board Of Equalization: 44-028221
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-023826-000004
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 23826
Number: 9
Board Of Equalization: 44-028221
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-023826-000005
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 23826
Number: 9
Board Of Equalization: 44-028221
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 49-060-023826-000006
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:

File Number: 000219FF
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000219FF.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JOE'S PERFORMANCE TOWING INC. (Continued)

S101627363

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: 49002659
 Regulated By: UTNKA
 Regulated ID: 00023826
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 7075469023
 Mail To: Not reported
 Mailing Address: 2151 SANTA ROSA
 Mailing Address 2: Not reported
 Mailing City,St,Zip: SANTA ROSA 95407
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

J48
North
1/8-1/4
0.229 mi.
1209 ft.

JOE'S PERFORMANCE TOWING INC.
2151 SANTA ROSA
SANTA ROSA, CA 95407
Site 5 of 6 in cluster J

LUST **U001609550**
HIST UST **N/A**
HIST CORTESE

Relative:
Higher
Actual:
145 ft.

LUST:
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700726
 Global Id: T0609700726
 Latitude: 38.418634
 Longitude: -122.71431
 Status: Completed - Case Closed
 Status Date: 12/03/1997
 Case Worker: ZZZ
 RB Case Number: 1TSR280
 Local Agency: SANTA ROSA, CITY OF
 File Location: Not reported
 Local Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOE'S PERFORMANCE TOWING INC. (Continued)

U001609550

Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0609700726
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700726
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700726
Action Type: Other
Date: 06/21/1994
Action: Leak Stopped

Global Id: T0609700726
Action Type: Other
Date: 06/21/1994
Action: Leak Reported

Global Id: T0609700726
Action Type: Other
Date: 06/21/1994
Action: Leak Discovery

LUST:

Global Id: T0609700726
Status: Open - Case Begin Date
Status Date: 06/21/1994

Global Id: T0609700726
Status: Open - Site Assessment
Status Date: 06/24/1994

Global Id: T0609700726
Status: Open - Site Assessment
Status Date: 08/23/1994

Global Id: T0609700726
Status: Open - Site Assessment
Status Date: 09/27/1994

Global Id: T0609700726

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOE'S PERFORMANCE TOWING INC. (Continued)

U001609550

Status: Open - Site Assessment
Status Date: 08/28/1996

Global Id: T0609700726
Status: Open - Remediation
Status Date: 01/16/1997

Global Id: T0609700726
Status: Open - Verification Monitoring
Status Date: 01/16/1997

Global Id: T0609700726
Status: Completed - Case Closed
Status Date: 12/03/1997

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000023826
Facility Type: Other
Other Type: Not reported
Contact Name: JOSEPH A. FANUCCHI
Telephone: 7075469023
Owner Name: JOE'S PERFORMANCE TOWING INC.
Owner Address: 2151 SANTA ROSA
Owner City,St,Zip: SANTA ROSA, CA 95407
Total Tanks: 0006

Tank Num: 001
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOE'S PERFORMANCE TOWING INC. (Continued)

U001609550

Tank Num: 004
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 005
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 006
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR280

J49
North
1/8-1/4
0.229 mi.
1209 ft.

OE'S PERFORMANCE
SANTA ROSA AVENUE 2151
SANTA ROSA, CA

LUST S104163217
N/A

Site 6 of 6 in cluster J

Relative:
Higher
Actual:
145 ft.

LUST REG 1:
Region: 1
Facility ID: 1TSR280
Staff Initials: Closed

K50
West
1/8-1/4
0.249 mi.
1314 ft.

A&M MINI MARKET - STOP N GO LIQUOR, LLC
440 HEARN AVE
SANTA ROSA, CA 95407

UST U003783075
N/A

Site 6 of 11 in cluster K

Relative:
Lower
Actual:
136 ft.

UST:
Facility ID: 49-060-000015
Permitting Agency: SANTA ROSA, CITY OF
Latitude: 38.41536
Longitude: -122.716561

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A&M MINI MARKET - STOP N GO LIQUOR, LLC (Continued)

U003783075

Facility ID: Not reported
Permitting Agency: Santa Rosa City Fire Department
Latitude: 38.414005
Longitude: -122.717918

K51
West
1/8-1/4
0.249 mi.
1314 ft.

BP WEST COAST PRODUCTS LLC
440 HEARN AVE
SANTA ROSA, CA 95407

RCRA NonGen / NLR
FINDS
HAZNET

1011488068
CAP000192062

Site 7 of 11 in cluster K

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 08/05/2008

Actual:
136 ft.

Facility name: BP WEST COAST PRODUCTS LLC

Facility address: 440 HEARN AVE
SANTA ROSA, CA 95407

EPA ID: CAP000192062
Mailing address: PO BOX 6038
ARTESIA, CA 90702-6038

Contact: LARRY MOOTHART
Contact address: PO BOX 6038
ARTESIA, CA 90702-6038

Contact country: US
Contact telephone: 949-460-5200

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: BP WEST COAST PRODUCTS LLC

Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported

Owner/operator email: Not reported
Owner/operator fax: Not reported

Owner/operator extension: Not reported
Legal status: Private

Owner/Operator Type: Owner
Owner/Op start date: 08/27/1990
Owner/Op end date: Not reported

Owner/operator name: BP WEST COAST PRODUCTS LLC

Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported

Owner/operator email: Not reported
Owner/operator fax: Not reported

Owner/operator extension: Not reported
Legal status: Private

Owner/Operator Type: Operator
Owner/Op start date: 08/27/1990
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC (Continued)

1011488068

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: 05/01/2008
Site name: BP WEST COAST PRODUCTS LLC
Classification: Small Quantity Generator

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110055665711

Environmental Interest/Information System
STATE MASTER

Registry ID: 110055764784

Environmental Interest/Information System
STATE MASTER

Registry ID: 110055783969

Environmental Interest/Information System
STATE MASTER

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

HAZNET:

envid: 1011488068
Year: 2008
GEPaid: CAP000192062
Contact: LARRY MOOTHART
Telephone: 9494605200
Mailing Name: Not reported
Mailing Address: PO BOX 6038

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC (Continued)

1011488068

Mailing City,St,Zip: ARTESIA, CA 907026038
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.42
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

K52
West
1/8-1/4
0.249 mi.
1314 ft.

A AND M MINI MARKET
440 HEAN AVE
SANTA ROSA, CA 95902

HIST UST **U001616230**
N/A

Site 8 of 11 in cluster K

Relative:
Lower
Actual:
136 ft.

HIST UST:
File Number: 000218F6
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000218F6.pdf>
Region: STATE
Facility ID: 00000053359
Facility Type: Gas Station
Other Type: Not reported
Contact Name: AMINFARD, HASSAN
Telephone: 7075753332
Owner Name: HASSON AMINIFORD MOHAMMAD GHOL
Owner Address: 33 STRAWBERRY CIRCLE
Owner City,St,Zip: MILL VALLEY, CA 94941
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00016000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00016000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00016000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A AND M MINI MARKET (Continued)

U001616230

[Click here for Geo Tracker PDF:](#)

K53
West
1/8-1/4
0.249 mi.
1314 ft.

AM MINI MARKET DBA STOP N GO LIQUOR LLC
440 HEARN AVE
SANTA ROSA, CA 95407
Site 9 of 11 in cluster K

SWEEPS UST **S101595269**
CA FID UST **N/A**
ENF
HAZNET

Relative:
Lower
Actual:
136 ft.

SWEEPS UST:
Status: Active
Comp Number: 1529
Number: 9
Board Of Equalization: 44-027845
Referral Date: Not reported
Action Date: 10-04-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001529-000001
Tank Status: A
Capacity: 1
Active Date: 10-04-89
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: 3

Status: Active
Comp Number: 1529
Number: 9
Board Of Equalization: 44-027845
Referral Date: Not reported
Action Date: 10-04-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001529-000002
Tank Status: A
Capacity: 1
Active Date: 10-04-89
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Active
Comp Number: 1529
Number: 9
Board Of Equalization: 44-027845
Referral Date: Not reported
Action Date: 10-04-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001529-000003
Tank Status: A
Capacity: 1
Active Date: 10-04-89
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM MINI MARKET DBA STOP N GO LIQUOR LLC (Continued)

S101595269

Number Of Tanks: Not reported

CA FID UST:

Facility ID: 49000302
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 440 HEARN
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Facility ID: 49000302
Regulated By: UTNKA
Regulated ID: 00053359
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075753332
Mail To: Not reported
Mailing Address: 440 HEARN AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

ENF:

Region: 1
Facility Id: 205389
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: Industrial
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 38.41401
Place Longitude: -122.71791
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM MINI MARKET DBA STOP N GO LIQUOR LLC (Continued)

S101595269

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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	413250
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	05/17/2017
Adoption/Issuance Date:	05/17/2017
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM MINI MARKET DBA STOP N GO LIQUOR LLC (Continued)

S101595269

Status:	Active
Title:	NOV 05/17/2017 for Gholami Michael Mohammed & Nahid A Trust
Description:	Not reported
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	205389
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.41401
Place Longitude:	-122.71791
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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM MINI MARKET DBA STOP N GO LIQUOR LLC (Continued)

S101595269

Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	393829
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	11/06/2013
Adoption/Issuance Date:	11/06/2013
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV 11/06/2013 for Gholami Michael Mohammed & Nahid A Trust
Description:	Not reported
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	205389
Agency Name:	Gholami Michael Mohammed & Nahid A Trust
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	38.41401
Place Longitude:	-122.71791
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM MINI MARKET DBA STOP N GO LIQUOR LLC (Continued)

S101595269

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:	1B1SR150NUG
Reg Measure Id:	167857
Reg Measure Type:	Unregulated
Region:	1
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:	Active
Status Date:	12/07/2012
Effective Date:	04/13/1990
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):	389321
Region:	1
Order / Resolution Number:	R1-2013-0018
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	02/14/2013
Adoption/Issuance Date:	02/14/2013
Achieve Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM MINI MARKET DBA STOP N GO LIQUOR LLC (Continued)

S101595269

Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - CAO R1-2013-0018 for Gholami, Michael
Description:	Not reported
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

HAZNET:

envid:	S101595269
Year:	2015
GEPID:	CAL000383761
Contact:	ANIL SAINI
Telephone:	7072911751
Mailing Name:	Not reported
Mailing Address:	440 HEARN AVE
Mailing City,St,Zip:	SANTA ROSA, CA 954070000
Gen County:	Sonoma
TSD EPA ID:	UTD981552177
TSD County:	99
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.1
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Sonoma

envid:	S101595269
Year:	2013
GEPID:	CAL000383761
Contact:	ANIL SAINI
Telephone:	7072911751
Mailing Name:	Not reported
Mailing Address:	440 HEARN AVE
Mailing City,St,Zip:	SANTA ROSA, CA 95407
Gen County:	Sonoma
TSD EPA ID:	CAD980887418
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.025
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K54 **AM/PM MINI MART**
West **440 HEARN AVENUE**
1/8-1/4 **SANTA ROSA, CA 93582**
0.249 mi.
1314 ft. **Site 10 of 11 in cluster K**

LUST **S100236216**
HIST CORTESE **N/A**
Notify 65

Relative:
Lower
Actual:
136 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700647
Global Id: T0609700647
Latitude: 38.4141475042849
Longitude: -122.717870046615
Status: Open - Remediation
Status Date: 01/26/2005
Case Worker: TNM
RB Case Number: 1TSR150
Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: In April 1990, one 6,000-gallon and two 10,000-gallon underground storage tanks were removed from the north side of the site. Soil samples collected from the excavation pit, at depths ranging between 16 and 20 feet below ground surface, contained total petroleum hydrocarbons as gasoline and benzene at maximum concentrations of 15 mg/kg and 2.3 mg/kg, respectively. Groundwater and soil remediation has been conducted at the site since 2005, using shallow groundwater extraction from an interceptor trench, deeper-zone extraction from extraction wells, and several multi-phase extraction events using a mobile extraction unit. Groundwater monitoring events were conducted quarterly at the site from 1999 until mid-2009, and then semi-annually from 2009 to the present.

LUST:
Global Id: T0609700647
Contact Type: Regional Board Caseworker
Contact Name: TOM MAGNEY
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: tom.magney@waterboards.ca.gov
Phone Number: 7075762030

LUST:
Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 01/18/2008
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 07/02/2010
Action: File review

Global Id: T0609700647
Action Type: RESPONSE
Date: 10/20/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Annually

Global Id: T0609700647
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Annually

Global Id: T0609700647
Action Type: RESPONSE
Date: 05/03/2013
Action: Monitoring Report - Other

Global Id: T0609700647
Action Type: RESPONSE
Date: 01/31/2014
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 10/12/2015
Action: Verbal Enforcement

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 05/04/1990
Action: * Historical Enforcement

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 08/09/2013
Action: Verbal Enforcement

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 05/14/2013
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 11/06/2013
Action: Notice of Violation

Global Id: T0609700647
Action Type: RESPONSE
Date: 01/18/2013
Action: Correspondence

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 04/02/2008
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

Global Id: T0609700647
Action Type: RESPONSE
Date: 07/08/2014
Action: Other Report / Document

Global Id: T0609700647
Action Type: RESPONSE
Date: 04/30/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 11/21/2013
Action: Staff Letter

Global Id: T0609700647
Action Type: RESPONSE
Date: 04/15/2013
Action: Conceptual Site Model

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 03/09/2004
Action: * Historical Enforcement

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 03/29/2004
Action: Staff Letter

Global Id: T0609700647
Action Type: RESPONSE
Date: 08/28/2017
Action: Correspondence

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 04/05/2005
Action: * Verbal Communication

Global Id: T0609700647
Action Type: RESPONSE
Date: 03/15/2004
Action: Other Workplan

Global Id: T0609700647
Action Type: RESPONSE
Date: 03/09/2004
Action: Unauthorized Release Form

Global Id: T0609700647
Action Type: RESPONSE
Date: 01/29/2014
Action: Correspondence

Global Id: T0609700647
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

Date: 04/07/2014
Action: Correspondence

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 05/26/2011
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 03/02/2006
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 07/20/2010
Action: Staff Letter

Global Id: T0609700647
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 01/08/2013
Action: Staff Letter

Global Id: T0609700647
Action Type: REMEDIATION
Date: 01/26/2005
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700647
Action Type: RESPONSE
Date: 07/31/2013
Action: Remedial Progress Report - Regulator Responded

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 10/29/2013
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 02/14/2013
Action: Clean-up and Abatement Order

Global Id: T0609700647
Action Type: RESPONSE
Date: 01/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: Other
Date: 04/13/1990
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

Global Id:	T0609700647
Action Type:	RESPONSE
Date:	02/28/2011
Action:	Correspondence
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	12/02/2013
Action:	Correspondence
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	11/15/2013
Action:	Correspondence
Global Id:	T0609700647
Action Type:	ENFORCEMENT
Date:	07/30/2009
Action:	Staff Letter
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	04/07/2008
Action:	Other Report / Document
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	04/25/2016
Action:	Other Report / Document
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	08/01/2016
Action:	Monitoring Report - Quarterly
Global Id:	T0609700647
Action Type:	ENFORCEMENT
Date:	04/28/2017
Action:	Amendment to Order
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	05/23/2014
Action:	Correspondence
Global Id:	T0609700647
Action Type:	ENFORCEMENT
Date:	12/27/2007
Action:	Staff Letter
Global Id:	T0609700647
Action Type:	ENFORCEMENT
Date:	08/15/2013
Action:	Staff Letter
Global Id:	T0609700647
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

Date: 06/30/2009
Action: Interim Remedial Action Report

Global Id: T0609700647
Action Type: RESPONSE
Date: 07/31/2014
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: RESPONSE
Date: 05/07/2001
Action: Soil and Water Investigation Report

Global Id: T0609700647
Action Type: RESPONSE
Date: 01/31/2015
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: RESPONSE
Date: 04/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: RESPONSE
Date: 04/30/2014
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 08/12/2013
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 05/08/2003
Action: File review

Global Id: T0609700647
Action Type: RESPONSE
Date: 10/16/2015
Action: Other Report / Document

Global Id: T0609700647
Action Type: RESPONSE
Date: 05/01/2017
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: RESPONSE
Date: 06/30/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700647
Action Type: RESPONSE
Date: 01/30/2003
Action: Soil and Water Investigation Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

Global Id:	T0609700647
Action Type:	RESPONSE
Date:	03/31/2008
Action:	Other Workplan
Global Id:	T0609700647
Action Type:	ENFORCEMENT
Date:	05/26/2015
Action:	13267 Monitoring Program
Global Id:	T0609700647
Action Type:	ENFORCEMENT
Date:	02/07/2014
Action:	Staff Letter
Global Id:	T0609700647
Action Type:	ENFORCEMENT
Date:	04/16/2014
Action:	Staff Letter
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	11/01/2016
Action:	Monitoring Report - Quarterly
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	03/15/2013
Action:	Other Report / Document
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	03/03/2003
Action:	Corrective Action Plan / Remedial Action Plan - Regulator Responded
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	01/13/2016
Action:	Other Report / Document
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	01/31/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	10/31/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	06/29/2016
Action:	Other Report / Document
Global Id:	T0609700647
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

Date: 11/01/2015
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 12/12/2011
Action: Staff Letter

Global Id: T0609700647
Action Type: RESPONSE
Date: 01/31/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0609700647
Action Type: RESPONSE
Date: 10/14/2015
Action: Correspondence

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 09/19/2007
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 11/03/2008
Action: Staff Letter

Global Id: T0609700647
Action Type: RESPONSE
Date: 05/01/2016
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 08/15/2013
Action: 13267 Monitoring Program

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 03/21/2008
Action: Staff Letter

Global Id: T0609700647
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 05/12/2003
Action: Meeting

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

Global Id:	T0609700647
Action Type:	ENFORCEMENT
Date:	08/22/2002
Action:	Staff Letter
Global Id:	T0609700647
Action Type:	ENFORCEMENT
Date:	02/26/2004
Action:	Staff Letter
Global Id:	T0609700647
Action Type:	ENFORCEMENT
Date:	12/11/2012
Action:	13267 Monitoring Program
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	02/01/2017
Action:	Monitoring Report - Quarterly
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	09/04/2008
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	04/30/2009
Action:	Monitoring Report - Annually
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	02/01/2017
Action:	Other Report / Document
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	10/31/2013
Action:	Monitoring Report - Quarterly
Global Id:	T0609700647
Action Type:	RESPONSE
Date:	10/31/2014
Action:	Monitoring Report - Quarterly
Global Id:	T0609700647
Action Type:	Other
Date:	04/13/1990
Action:	Leak Reported
Global Id:	T0609700647
Action Type:	ENFORCEMENT
Date:	12/11/2012
Action:	Staff Letter
Global Id:	T0609700647
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

Date: 06/02/2003
Action: Staff Letter

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 12/26/2003
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700647
Action Type: RESPONSE
Date: 08/01/2015
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: RESPONSE
Date: 08/01/2017
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: RESPONSE
Date: 05/19/2017
Action: Other Report / Document

Global Id: T0609700647
Action Type: RESPONSE
Date: 06/14/2017
Action: Email Correspondence

Global Id: T0609700647
Action Type: RESPONSE
Date: 07/04/2003
Action: Other Report / Document

Global Id: T0609700647
Action Type: Other
Date: 04/13/1990
Action: Leak Stopped

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 05/17/2017
Action: Notice of Violation

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 06/13/2017
Action: Email Correspondence

Global Id: T0609700647
Action Type: RESPONSE
Date: 11/19/2007
Action: Other Report / Document

Global Id: T0609700647
Action Type: ENFORCEMENT
Date: 12/11/2012
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

Global Id: T0609700647
Action Type: RESPONSE
Date: 06/12/2017
Action: Proposed Plan - Regulator Responded

Global Id: T0609700647
Action Type: RESPONSE
Date: 12/27/2017
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700647
Action Type: RESPONSE
Date: 10/30/2011
Action: Electronic Reporting Submittal Due

LUST:

Global Id: T0609700647
Status: Open - Case Begin Date
Status Date: 04/13/1990

Global Id: T0609700647
Status: Open - Site Assessment
Status Date: 05/04/1990

Global Id: T0609700647
Status: Open - Site Assessment
Status Date: 08/13/1993

Global Id: T0609700647
Status: Open - Site Assessment
Status Date: 09/13/1993

Global Id: T0609700647
Status: Open - Site Assessment
Status Date: 04/04/1995

Global Id: T0609700647
Status: Open - Site Assessment
Status Date: 05/09/2001

Global Id: T0609700647
Status: Open - Site Assessment
Status Date: 09/13/2001

Global Id: T0609700647
Status: Open - Site Assessment
Status Date: 10/29/2001

Global Id: T0609700647
Status: Open - Site Assessment
Status Date: 08/22/2002

Global Id: T0609700647
Status: Open - Remediation
Status Date: 01/26/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

LUST REG 1:

Region: 1
Facility ID: 1TSR150
Staff Initials: JAT

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR150

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

K55
West
1/8-1/4
0.249 mi.
1314 ft.

AM AND PM MINI MARKET
440 HEARN AVE
SANTA ROSA, CA 95407
Site 11 of 11 in cluster K

CPS-SLIC **S103659692**
SWEEPS UST **N/A**
CHMIRS

Relative:
Lower
Actual:
136 ft.

CPS-SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 07/03/2009
Global Id: T0609765989
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.414157090122
Longitude: -122.717807876968
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1NSR150
File Location: Regional Board
Potential Media Affected: Soil, Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: This site is an active gasoline station and the location of an open investigation of prior gasoline releases from USTs at the site. On March 17, 2008, a tanker truck operated by Atlantic Richfield Company (ARCO) spilled approximately 30 gallons of gasoline when a moving car contacted the fill hose as fuel was being transferred to an underground storage tank. The spilled gasoline flowed over an area approximately 25 feet wide and 50 feet long, adjacent to at least three groundwater monitoring wells. The gasoline spill was contained on the site and mopped up with adsorbent materials on the night of the spill. On March 18, 2008, Regional Water Board staff inspected the area of the spill. Staff observed that the ground surface in the area spill contained damaged and cracked asphalt. On March 19, 2008, Regional Water Board staff conducted an additional inspection and observed that gasoline-saturated materials remained on the ground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM AND PM MINI MARKET (Continued)

S103659692

surface and that gasoline odors were present near the damaged asphalt surface. On April 3, 2008, one soil boring was advanced to a depth of 40 inches below ground surface in the area of the most extensively damaged asphalt paving. Soil samples were collected at 1 foot and 3 feet below ground surface for analysis of petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, xylenes, MTBE and ethanol. The laboratory results showed that all constituents of concern were below laboratory detection levels.

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

SWEEPS UST:

Status: Not reported
Comp Number: 53359
Number: Not reported
Board Of Equalization: 44-028333
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-053359-000001
Tank Status: Not reported
Capacity: 16000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

Status: Not reported
Comp Number: 53359
Number: Not reported
Board Of Equalization: 44-028333
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-053359-000002
Tank Status: Not reported
Capacity: 16000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 53359
Number: Not reported
Board Of Equalization: 44-028333
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-053359-000003
Tank Status: Not reported
Capacity: 16000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM AND PM MINI MARKET (Continued)

S103659692

Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 53359
Number: 2
Board Of Equalization: 44-028333
Referral Date: 02-24-92
Action Date: 02-24-92
Created Date: 02-29-88
Owner Tank Id: 4
SWRCB Tank Id: 49-060-053359-000004
Tank Status: A
Capacity: 12
Active Date: 02-24-92
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 3

Status: Active
Comp Number: 53359
Number: 2
Board Of Equalization: 44-028333
Referral Date: 02-24-92
Action Date: 02-24-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-053359-000005
Tank Status: A
Capacity: 12
Active Date: 02-24-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 53359
Number: 2
Board Of Equalization: 44-028333
Referral Date: 02-24-92
Action Date: 02-24-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-053359-000005
Tank Status: A
Capacity: 10
Active Date: 02-24-92
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

AM AND PM MINI MARKET (Continued)

S103659692

CHMIRS:

OES Incident Number:	08-2121
OES notification:	03/17/2008
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:	Service Station
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1652
Year:	2008
Agency:	Santa Rosa Fire
Incident Date:	3/17/2008
Admin Agency:	Santa Rosa Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Gasoline
Quantity Released:	100
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM AND PM MINI MARKET (Continued)

S103659692

#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: Caller states a car drove over the fill hose while the tanker was filling an underground tank.

56
SW
1/4-1/2
0.266 mi.
1406 ft.

**BIDDULPH CHEVROLET
2770 CORBY AVE
SANTA ROSA, CA 95407**

Relative:
Lower

Actual:
132 ft.

**RCRA-SQG 1000193110
LUST CAD981571615
SWEEPS UST
HIST UST
CA FID UST
FINDS
ECHO
ENF
HIST CORTESE**

RCRA-SQG:

Date form received by agency: 09/30/1986
Facility name: BIDDULPH CHEVROLET
Facility address: 2770 CORBY AVE
SANTA ROSA, CA 95407
EPA ID: CAD981571615
Mailing address: PO BOX 1628
SANTA ROSA, CA 95402
Contact: ENVIRONMENTAL MANAGER
Contact address: 2770 CORBY AVE
SANTA ROSA, CA 95407
Contact country: US
Contact telephone: 707-544-1414
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: BIDDULPH CHEVROLET
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

BIDDULPH CHEVROLET (Continued)

1000193110

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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

LUST:

Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700627
Global Id: T0609700627
Latitude: 38.4108850725982
Longitude: -122.716813366934
Status: Completed - Case Closed
Status Date: 11/30/2005
Case Worker: ZZZ
RB Case Number: 1TSR116
Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0609700627
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIDDULPH CHEVROLET (Continued)

1000193110

Phone Number: 7075762220

LUST:

Global Id: T0609700627
Action Type: ENFORCEMENT
Date: 05/28/1991
Action: * Historical Enforcement - #CAO91-88

Global Id: T0609700627
Action Type: ENFORCEMENT
Date: 11/30/2005
Action: Closure/No Further Action Letter

Global Id: T0609700627
Action Type: RESPONSE
Date: 12/15/2003
Action: Other Workplan

Global Id: T0609700627
Action Type: ENFORCEMENT
Date: 04/22/2003
Action: File review

Global Id: T0609700627
Action Type: ENFORCEMENT
Date: 07/15/2002
Action: Meeting

Global Id: T0609700627
Action Type: ENFORCEMENT
Date: 06/24/2005
Action: Notification - Public Notice of Case Closure

Global Id: T0609700627
Action Type: RESPONSE
Date: 07/05/2005
Action: Other Report / Document

Global Id: T0609700627
Action Type: RESPONSE
Date: 11/30/2005
Action: Other Report / Document

Global Id: T0609700627
Action Type: RESPONSE
Date: 09/30/2005
Action: Other Workplan

Global Id: T0609700627
Action Type: Other
Date: 10/19/1989
Action: Leak Discovery

Global Id: T0609700627
Action Type: RESPONSE
Date: 06/01/2004
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIDDULPH CHEVROLET (Continued)

1000193110

Global Id: T0609700627
Action Type: RESPONSE
Date: 12/21/2001
Action: Other Workplan

Global Id: T0609700627
Action Type: ENFORCEMENT
Date: 11/07/2001
Action: Staff Letter - #LTR110701

Global Id: T0609700627
Action Type: ENFORCEMENT
Date: 12/01/2003
Action: Staff Letter

Global Id: T0609700627
Action Type: Other
Date: 10/19/1989
Action: Leak Reported

Global Id: T0609700627
Action Type: ENFORCEMENT
Date: 01/05/2004
Action: Staff Letter

Global Id: T0609700627
Action Type: Other
Date: 10/19/1989
Action: Leak Stopped

Global Id: T0609700627
Action Type: ENFORCEMENT
Date: 08/31/2005
Action: Staff Letter

LUST:

Global Id: T0609700627
Status: Open - Case Begin Date
Status Date: 10/19/1989

Global Id: T0609700627
Status: Open - Site Assessment
Status Date: 10/19/1989

Global Id: T0609700627
Status: Open - Site Assessment
Status Date: 09/28/1990

Global Id: T0609700627
Status: Open - Site Assessment
Status Date: 11/28/1990

Global Id: T0609700627
Status: Open - Site Assessment
Status Date: 10/21/1993

Global Id: T0609700627

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIDDULPH CHEVROLET (Continued)

1000193110

Status: Open - Site Assessment
Status Date: 01/11/2002

Global Id: T0609700627
Status: Completed - Case Closed
Status Date: 11/30/2005

LUST REG 1:

Region: 1
Facility ID: 1TSR116
Staff Initials: JAT

SWEEPS UST:

Status: Active
Comp Number: 45047
Number: 9
Board Of Equalization: 44-028281
Referral Date: 06-24-93
Action Date: 03-29-94
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-045047-000001
Tank Status: A
Capacity: 550
Active Date: 06-24-93
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 3

Status: Active
Comp Number: 45047
Number: 9
Board Of Equalization: 44-028281
Referral Date: 06-24-93
Action Date: 03-29-94
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 49-060-045047-000002
Tank Status: A
Capacity: 5000
Active Date: 06-24-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 45047
Number: 9
Board Of Equalization: 44-028281
Referral Date: 06-24-93
Action Date: 03-29-94
Created Date: 02-29-88
Owner Tank Id: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIDDULPH CHEVROLET (Continued)

1000193110

SWRCB Tank Id: 49-060-045047-000003
Tank Status: A
Capacity: Not reported
Active Date: 07-01-85
Tank Use: EMPTY
STG: P
Content: EMPTY
Number Of Tanks: Not reported

HIST UST:

File Number: 000214C1
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000214C1.pdf>
Region: STATE
Facility ID: 00000045047
Facility Type: Other
Other Type: VEHICLE SALES
Contact Name: BARRY BIDDULPH
Telephone: 7075441414
Owner Name: BIDDULPH CHEV-PEUGEOT-IZUSU
Owner Address: 2770 CORBY AVE.
Owner City,St,Zip: SANTA ROSA, CA 95407
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIDDULPH CHEVROLET (Continued)

1000193110

Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

CA FID UST:

Facility ID: 49000267
Regulated By: UTNKA
Regulated ID: 00045047
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075441414
Mail To: Not reported
Mailing Address: 2770 CORBY AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIDDULPH CHEVROLET (Continued)

1000193110

Status: Active

FINDS:

Registry ID: 110002718131

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

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

ECHO:

Envid: 1000193110
Registry ID: 110002718131
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002718131>

ENF:

Region: 1
Facility Id: 209464
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: Industrial
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 38.41082
Place Longitude: -122.71733
SIC Code 1: 5511
SIC Desc 1: Motor Vehicle Dealers (New and Used)
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: Enf Action
Design Flow: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIDDULPH CHEVROLET (Continued)

1000193110

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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	225454
Region:	1
Order / Resolution Number:	LT980112
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	01/12/1998
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/12/1998
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR116NUG Biddulph Chevrolet
Description:	REQUESTING SUBMITTAL OF REPORT OF COMPLETED WORK.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIDDULPH CHEVROLET (Continued)

1000193110

Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	209464
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.41082
Place Longitude:	-122.71733
SIC Code 1:	5511
SIC Desc 1:	Motor Vehicle Dealers (New and Used)
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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BIDDULPH CHEVROLET (Continued)

1000193110

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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224551
Region:	1
Order / Resolution Number:	90-136
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	06/20/1990
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/28/1991
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR116NUG Biddulph Chevrolet
Description:	REQUESTING SUBMITTAL OF WORKPLAN. REQUESTING PROMPT & COMPLETE INVESTI. & CLEANUP OF PETROL. PRODUCT
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	209464
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.41082
Place Longitude:	-122.71733
SIC Code 1:	5511
SIC Desc 1:	Motor Vehicle Dealers (New and Used)
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIDDULPH CHEVROLET (Continued)

1000193110

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224399
Region:	1
Order / Resolution Number:	91-088
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	05/28/1991
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/30/2005
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR116NUG Biddulph Chevrolet
Description:	FURTHER WORK IS NEEDED & CANNOT CONCUR WITH PASSIVE REMEDIAL ALTERNATIVE AT THIS TIME.
Program:	UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIDDULPH CHEVROLET (Continued)

1000193110

Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: \$0.00
Initial Assessed Amount: \$0.00
Liability \$ Amount: \$0.00
Project \$ Amount: \$0.00
Liability \$ Paid: \$0.00
Project \$ Completed: \$0.00
Total \$ Paid/Completed Amount: \$0.00

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SR116NUG

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR116

L57 **MANLY HONDA**
SW **2750 CORBY**
1/4-1/2 **SANTA ROSA, CA 95407**
0.269 mi.
1418 ft. **Site 1 of 2 in cluster L**

LUST **S103947382**
AST **N/A**
HIST CORTESE

Relative:
Lower
Actual:
133 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700717
Global Id: T0609700717
Latitude: 38.4116688359162
Longitude: -122.716922670639
Status: Completed - Case Closed
Status Date: 08/14/1995
Case Worker: ZZZ
RB Case Number: 1TSR270
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0609700717
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700717
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY HONDA (Continued)

S103947382

Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700717
Action Type: Other
Date: 09/20/1993
Action: Leak Stopped

Global Id: T0609700717
Action Type: Other
Date: 09/20/1993
Action: Leak Reported

Global Id: T0609700717
Action Type: Other
Date: 09/20/1993
Action: Leak Discovery

LUST:

Global Id: T0609700717
Status: Open - Case Begin Date
Status Date: 09/20/1993

Global Id: T0609700717
Status: Open - Site Assessment
Status Date: 09/30/1993

Global Id: T0609700717
Status: Open - Remediation
Status Date: 08/13/1995

Global Id: T0609700717
Status: Open - Site Assessment
Status Date: 08/13/1995

Global Id: T0609700717
Status: Open - Verification Monitoring
Status Date: 08/13/1995

Global Id: T0609700717
Status: Completed - Case Closed
Status Date: 08/14/1995

AST:

Certified Unified Program Agencies: Not reported
Owner: Brian Manly
Total Gallons: Not reported
CERSID: 10115140
Facility ID: 49-060-000592
Business Name: Manly Honda
Phone: (707) 542-5377

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY HONDA (Continued)

S103947382

Fax: (707) 542-2950
Mailing Address: 2750 Corby Avenue
Mailing Address City: Santa Rosa
Mailing Address State: CA
Mailing Address Zip Code: 95407
Operator Name: Brian Manly
Operator Phone: (707) 542-5377
Owner Phone: (707) 542-5377
Owner Mail Address: 2750 Corby Avenue
Owner State: CA
Owner Zip Code: 95407
Owner Country: United States
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: CAD981678584

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR270

L58
SW
1/4-1/2
0.269 mi.
1418 ft.

MANLY HONDA
CORBY AVENUE 2750
SANTA ROSA, CA

LUST 1000293374
N/A

Site 2 of 2 in cluster L

Relative:
Lower
Actual:
133 ft.

LUST REG 1:
Region: 1
Facility ID: 1TSR270
Staff Initials: Closed

59
NNE
1/4-1/2
0.281 mi.
1484 ft.

CHEVRON #9-6449
2200 SANTA ROSA AVENUE
SANTA ROSA, CA 95404

LUST S101309836
HIST CORTESE N/A

Relative:
Higher
Actual:
151 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700685
Global Id: T0609700685
Latitude: 38.41875
Longitude: -122.710683
Status: Completed - Case Closed
Status Date: 01/29/1998
Case Worker: ZZZ
RB Case Number: 1TSR210
Local Agency: SANTA ROSA, CITY OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-6449 (Continued)

S101309836

File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0609700685
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700685
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700685
Action Type: ENFORCEMENT
Date: 04/20/1992
Action: * Historical Enforcement

Global Id: T0609700685
Action Type: Other
Date: 04/17/1992
Action: Leak Discovery

Global Id: T0609700685
Action Type: Other
Date: 04/17/1992
Action: Leak Reported

Global Id: T0609700685
Action Type: Other
Date: 04/17/1992
Action: Leak Stopped

LUST:

Global Id: T0609700685
Status: Open - Case Begin Date
Status Date: 04/17/1992

Global Id: T0609700685
Status: Open - Site Assessment
Status Date: 04/20/1992

Global Id: T0609700685
Status: Open - Site Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-6449 (Continued)

S101309836

Status Date: 10/12/1993

Global Id: T0609700685
Status: Open - Site Assessment
Status Date: 01/12/1994

Global Id: T0609700685
Status: Open - Site Assessment
Status Date: 01/17/1995

Global Id: T0609700685
Status: Open - Remediation
Status Date: 02/06/1996

Global Id: T0609700685
Status: Open - Verification Monitoring
Status Date: 02/06/1996

Global Id: T0609700685
Status: Completed - Case Closed
Status Date: 01/29/1998

LUST REG 1:

Region: 1
Facility ID: 1TSR210
Staff Initials: Closed

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR210

M60
ESE
1/4-1/2
0.310 mi.
1636 ft.

BURT STREET DEVELOPMENT
YOLANDA & PETALUMA ROADS
SANTA ROSA, CA 95404

ENVIROSTOR **S102860966**
VCP **N/A**

Site 1 of 2 in cluster M

Relative:
Higher
Actual:
153 ft.

ENVIROSTOR:
Facility ID: 49010001
Status: No Further Action
Status Date: 09/10/1997
Site Code: 200821
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 34
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 04
Senate: 02
Special Program: Voluntary Cleanup Program

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURT STREET DEVELOPMENT (Continued)

S102860966

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 38.40833
Longitude: -122.7083
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: 110033617236
Alias Type: EPA (FRS #)
Alias Name: 200821
Alias Type: Project Code (Site Code)
Alias Name: 49010001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/27/1997
Comments: Signed VCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 09/10/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/10/1997
Comments: Completed VCA. Completed PEA which recommended no further action for DTSC.

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

VCP:

Facility ID: 49010001
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 34
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURT STREET DEVELOPMENT (Continued)

S102860966

Project Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 200821
Assembly: 04
Senate: 02
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 09/10/1997
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 38.40833 / -122.7083
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED,31000
Confirmed COC: 31000
Potential Description: NMA
Alias Name: 110033617236
Alias Type: EPA (FRS #)
Alias Name: 200821
Alias Type: Project Code (Site Code)
Alias Name: 49010001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/27/1997
Comments: Signed VCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 09/10/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/10/1997
Comments: Completed VCA. Completed PEA which recommended no further action for DTSC.

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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

61
ENE
1/4-1/2
0.321 mi.
1695 ft.

KAWANA SPRINGS PIPELINE
KAWANA SPRINGS
SANTA ROSA, CA 95404

CPS-SLIC **S105051100**
N/A

Relative:
Higher
Actual:
159 ft.

CPS-SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/01/2004
Global Id: T0609791104
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.416363
Longitude: -122.70662
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR377
File Location: Regional Board
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

SLIC REG 1:
Region: 1
Facility ID: 1NSR377
Staff Initials: JEF

62
North
1/4-1/2
0.322 mi.
1702 ft.

STANDARD BRANDS PAINT #75
1993 SANTA ROSA AVENUE
SANTA ROSA, CA 95404

LUST **S102438037**
HIST CORTESE **N/A**

Relative:
Higher
Actual:
145 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700745
Global Id: T0609700745
Latitude: 38.4178542
Longitude: -122.7135785
Status: Completed - Case Closed
Status Date: 07/15/1996
Case Worker: ZZZ
RB Case Number: 1TSR314
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0609700745
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANDARD BRANDS PAINT #75 (Continued)

S102438037

Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700745
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700745
Action Type: Other
Date: 02/16/1996
Action: Leak Discovery

Global Id: T0609700745
Action Type: Other
Date: 02/16/1996
Action: Leak Stopped

Global Id: T0609700745
Action Type: Other
Date: 02/16/1996
Action: Leak Reported

LUST:

Global Id: T0609700745
Status: Open - Case Begin Date
Status Date: 02/16/1996

Global Id: T0609700745
Status: Open - Site Assessment
Status Date: 02/16/1996

Global Id: T0609700745
Status: Open - Site Assessment
Status Date: 03/22/1996

Global Id: T0609700745
Status: Open - Remediation
Status Date: 07/14/1996

Global Id: T0609700745
Status: Open - Site Assessment
Status Date: 07/14/1996

Global Id: T0609700745
Status: Open - Verification Monitoring
Status Date: 07/14/1996

Global Id: T0609700745

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STANDARD BRANDS PAINT #75 (Continued)

S102438037

Status: Completed - Case Closed
 Status Date: 07/15/1996

LUST REG 1:

Region: 1
 Facility ID: 1TSR314
 Staff Initials: Closed

HIST CORTESE:

Region: CORTESE
 Facility County Code: 49
 Reg By: LTNKA
 Reg Id: 1TSR314

63
West
1/4-1/2
0.339 mi.
1790 ft.

MEAD CLARK LUMBER SUPPLY
RAILROAD AVENUE 175
SANTA ROSA, CA

LUST S101305011
N/A

Relative:
Lower
Actual:
133 ft.

LUST REG 1:
 Region: 1
 Facility ID: 1TSR016
 Staff Initials: JEF

N64
SSW
1/4-1/2
0.345 mi.
1819 ft.

PRESTIG IMPORTS
2800 CORBY AVE
SANTA ROSA, CA 95407
 Site 1 of 4 in cluster N

RCRA-SQG 1000279540
LUST CAD981377161
SWEEPS UST
HIST UST
CA FID UST
Cortese
EMI
ENF
HIST CORTESE

Relative:
Lower
Actual:
128 ft.

RCRA-SQG:
 Date form received by agency: 10/29/1996
 Facility name: PRESTIG IMPORTS
 Facility address: 2800 CORBY AVE
 SANTA ROSA, CA 95407
 EPA ID: CAD981377161
 Contact: ROGER ANDERSON
 Contact address: 2800 CORBY AVE
 SANTA ROSA, CA 95407
 Contact country: US
 Contact telephone: 707-545-6602
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: STEPHEN HANSEL
Owner/operator address: 2800 CORBY
SANTA ROSA, CA 95407

Owner/operator country: Not reported
Owner/operator telephone: 707-545-6602
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

Violation Status: No violations found

LUST:

Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700571
Global Id: T0609700571
Latitude: 38.4099529523001
Longitude: -122.716856002808
Status: Completed - Case Closed
Status Date: 01/24/2014
Case Worker: ZZZ
RB Case Number: 1TSR048

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Local Agency: Not reported
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0609700571
Action Type: RESPONSE
Date: 08/12/1998
Action: Interim Remedial Action Plan

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 09/29/2010
Action: Staff Letter

Global Id: T0609700571
Action Type: Other
Date: 04/11/1988
Action: Leak Discovery

Global Id: T0609700571
Action Type: RESPONSE
Date: 03/09/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: RESPONSE
Date: 03/09/2009
Action: Well Installation Report

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 12/03/2004
Action: Meeting

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 01/23/2014
Action: Closure/No Further Action Letter

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 11/01/2013
Action: Staff Letter

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 07/06/2010
Action: Staff Letter

Global Id: T0609700571
Action Type: RESPONSE
Date: 02/12/2007
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 02/26/2014
Action: Rescission of Enforcement Action

Global Id: T0609700571
Action Type: RESPONSE
Date: 03/26/2013
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0609700571
Action Type: REMEDIATION
Date: 10/10/2000
Action: Excavation

Global Id: T0609700571
Action Type: RESPONSE
Date: 12/22/2004
Action: Soil and Water Investigation Workplan

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 10/18/2012
Action: Staff Letter

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 01/26/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 10/07/2013
Action: Staff Letter

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 09/24/2013
Action: Staff Letter

Global Id: T0609700571
Action Type: RESPONSE
Date: 02/29/2008
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700571
Action Type: RESPONSE
Date: 02/16/2010
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 02/26/2014
Action: Rescission of Enforcement Action

Global Id: T0609700571
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Date: 04/21/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700571
Action Type: RESPONSE
Date: 04/02/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0609700571
Action Type: RESPONSE
Date: 03/30/2012
Action: Remedial Progress Report

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 04/16/2007
Action: File review

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 01/22/2007
Action: Verbal Communication

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 03/23/2010
Action: Staff Letter

Global Id: T0609700571
Action Type: RESPONSE
Date: 06/07/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700571
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Global Id:	T0609700571
Action Type:	RESPONSE
Date:	01/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0609700571
Action Type:	RESPONSE
Date:	07/15/2002
Action:	Sensitive Receptor Survey Report
Global Id:	T0609700571
Action Type:	RESPONSE
Date:	10/15/2001
Action:	Monitoring Report - Quarterly
Global Id:	T0609700571
Action Type:	ENFORCEMENT
Date:	11/04/2011
Action:	Staff Letter
Global Id:	T0609700571
Action Type:	RESPONSE
Date:	11/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609700571
Action Type:	RESPONSE
Date:	04/07/2009
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0609700571
Action Type:	ENFORCEMENT
Date:	10/04/1988
Action:	* Historical Enforcement
Global Id:	T0609700571
Action Type:	ENFORCEMENT
Date:	09/19/2008
Action:	Staff Letter
Global Id:	T0609700571
Action Type:	RESPONSE
Date:	10/12/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609700571
Action Type:	RESPONSE
Date:	05/02/2001
Action:	Interim Remedial Action Report
Global Id:	T0609700571
Action Type:	RESPONSE
Date:	01/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0609700571
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Date: 04/14/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: RESPONSE
Date: 10/09/2012
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 05/20/2008
Action: Staff Letter

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 01/07/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 03/09/2004
Action: Staff Letter

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 02/24/2004
Action: Meeting

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 09/18/2001
Action: Staff Letter

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 07/01/2009
Action: Staff Letter

Global Id: T0609700571
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: RESPONSE
Date: 12/22/2004
Action: Soil and Water Investigation Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Global Id: T0609700571
Action Type: RESPONSE
Date: 04/14/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: RESPONSE
Date: 07/03/2013
Action: Request for Closure - Regulator Responded

Global Id: T0609700571
Action Type: RESPONSE
Date: 09/13/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700571
Action Type: Other
Date: 04/11/1988
Action: Leak Reported

Global Id: T0609700571
Action Type: RESPONSE
Date: 10/26/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: RESPONSE
Date: 08/05/2013
Action: Correspondence

Global Id: T0609700571
Action Type: RESPONSE
Date: 10/26/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 04/23/2009
Action: Staff Letter

Global Id: T0609700571
Action Type: Other
Date: 04/11/1988
Action: Leak Stopped

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 04/16/2012
Action: Staff Letter

Global Id: T0609700571
Action Type: RESPONSE
Date: 09/20/2010
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700571
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Date: 06/04/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700571
Action Type: ENFORCEMENT
Date: 06/11/1997
Action: Meeting

Global Id: T0609700571
Action Type: RESPONSE
Date: 12/29/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700571
Action Type: RESPONSE
Date: 04/21/2011
Action: Final Remedial Action Report / Corrective Action Report

LUST:

Global Id: T0609700571
Status: Open - Case Begin Date
Status Date: 04/11/1988

Global Id: T0609700571
Status: Open - Site Assessment
Status Date: 04/11/1988

Global Id: T0609700571
Status: Open - Site Assessment
Status Date: 06/26/1989

Global Id: T0609700571
Status: Open - Site Assessment
Status Date: 08/14/1989

Global Id: T0609700571
Status: Open - Site Assessment
Status Date: 10/16/1997

Global Id: T0609700571
Status: Open - Remediation
Status Date: 09/22/2000

Global Id: T0609700571
Status: Open - Verification Monitoring
Status Date: 07/16/2001

Global Id: T0609700571
Status: Open - Verification Monitoring
Status Date: 03/09/2004

Global Id: T0609700571
Status: Open - Site Assessment
Status Date: 12/22/2004

Global Id: T0609700571
Status: Open - Site Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Status Date: 03/23/2007

Global Id: T0609700571
Status: Open - Site Assessment
Status Date: 04/20/2009

Global Id: T0609700571
Status: Open - Remediation
Status Date: 03/03/2010

Global Id: T0609700571
Status: Open - Eligible for Closure
Status Date: 07/25/2013

Global Id: T0609700571
Status: Completed - Case Closed
Status Date: 01/23/2014

Global Id: T0609700571
Status: Completed - Case Closed
Status Date: 01/24/2014

LUST REG 1:

Region: 1
Facility ID: 1TSR048
Staff Initials: JEF

SWEEPS UST:

Status: Active
Comp Number: 2663
Number: 9
Board Of Equalization: 44-028141
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-002663-000001
Tank Status: A
Capacity: 2000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: Active
Comp Number: 2663
Number: 9
Board Of Equalization: 44-028141
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-002663-000002
Tank Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Capacity: 2000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:

File Number: 000218D9
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000218D9.pdf>
Region: STATE
Facility ID: 00000002663
Facility Type: Other
Other Type: AUTO DEALER
Contact Name: RICK BARRI,
Telephone: 7075456602
Owner Name: VEALE VOLKSWAGEN, INC.
Owner Address: 2800 CORBY AVE.
Owner City,St,Zip: SANTA ROSA, CA 95407
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00002000
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: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

CA FID UST:

Facility ID: 49000150
Regulated By: UTKA
Regulated ID: 00002663
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075456602
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

EPA ID: Not reported
Comments: Not reported
Status: Active

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: 01/02/1989
Region 2: 1
WID Id: 1B1SR048NUG
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

EMI:

Year: 1990
County Code: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 1
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: 1993
County Code: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 1
Carbon Monoxide Emissions Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 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

Year: 1996
County Code: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 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

Year: 1997
County Code: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 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

Year: 1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

County Code: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 1
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: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 7532
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: 1
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: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 7532
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: 1
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: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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: 1
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: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 1
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: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 1
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: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: .983
Reactive Organic Gases Tons/Yr: .8653794
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2006
County Code: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: .336
Reactive Organic Gases Tons/Yr: .2777552
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: 2007
County Code: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: .336
Reactive Organic Gases Tons/Yr: .2777552
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: 2008
County Code: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: .336
Reactive Organic Gases Tons/Yr: .2777552
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: 2009
County Code: 49

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 0.8389999999999997
Reactive Organic Gases Tons/Yr: 0.7677950000000001
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: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 0.8389999999999997
Reactive Organic Gases Tons/Yr: 0.7677950000000001
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: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 0.839
Reactive Organic Gases Tons/Yr: 0.767795
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: 2012
County Code: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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

PRESTIG IMPORTS (Continued)

1000279540

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.839
Reactive Organic Gases Tons/Yr: 0.767795
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: 2013
County Code: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 0.839
Reactive Organic Gases Tons/Yr: 0.767795
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: 2014
County Code: 49
Air Basin: SF
Facility ID: 6470
Air District Name: BA
SIC Code: 5511
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: 0.839466636
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

ENF:

Region: 1
Facility Id: 270289
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 38.40907
Place Longitude: -122.71649
SIC Code 1: 5511
SIC Desc 1: Motor Vehicle Dealers (New and Used)
SIC Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221761
Region:	1
Order / Resolution Number:	89-071
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	05/01/1989
Adoption/Issuance Date:	05/01/1989
Achieve Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Termination Date: 02/26/2014
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 1B1SR048NUG Veale Volkswagen
Description: TO DATE PRELIMINARY SITE ASSESSMENT WORKPLAN NOT RECEIVED.
ORDER REQUESTS SUBMITTAL OF PLAN.
Program: UST
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: \$0.00
Initial Assessed Amount: \$0.00
Liability \$ Amount: \$0.00
Project \$ Amount: \$0.00
Liability \$ Paid: \$0.00
Project \$ Completed: \$0.00
Total \$ Paid/Completed Amount: \$0.00
Region: 1
Facility Id: 270289
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Gasoline Service Station
Facility Type: All other facilities
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 38.40907
Place Longitude: -122.71649
SIC Code 1: 5511
SIC Desc 1: Motor Vehicle Dealers (New and Used)
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: Enf Action
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: Not reported
Program Category1: Not reported
Program Category2: TANKS
Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	225826
Region:	1
Order / Resolution Number:	LT970225
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/25/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/25/1997
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR048NUG Veale Volkswagen
Description:	REQUESTING SUBMITTAL OF WORKPLAN ADDENDUM.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

HIST CORTESE:

Region:	CORTESE
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSR048

Region:	CORTESE
Facility County Code:	49
Reg By:	WBC&D

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Reg Id: 1B1SR048NUG

M65
ESE
1/4-1/2
0.348 mi.
1839 ft.

DAVIDSON, WILLIAM
800 YOLANDA AVENUE
SANTA ROSA, CA 95404

CPS-SLIC **S106487415**
N/A

Site 2 of 2 in cluster M

Relative:
Higher
Actual:
155 ft.

CPS-SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 11/04/2005
Global Id: SL0609752583
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.412732
Longitude: -122.705712
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1NSR400
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water), Under Investigation
Potential Contaminants of Concern: * Solvents
Site History: Not reported

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

N66
SSW
1/4-1/2
0.351 mi.
1851 ft.

PRESTIGE ACURA
CORBY AVENUE 2840
SANTA ROSA, CA

LUST **S102949318**
N/A

Site 2 of 4 in cluster N

Relative:
Lower
Actual:
128 ft.

LUST REG 1:
Region: 1
Facility ID: 1TSR332
Staff Initials: Closed

67
WSW
1/4-1/2
0.367 mi.
1936 ft.

MEAD CLARK LUMBER SUPPLY
3RD ST
SANTA ROSA, CA 95401

HIST CORTESE **S100281311**
N/A

Relative:
Lower
Actual:
130 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR198

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEAD CLARK LUMBER SUPPLY (Continued)

S100281311

Reg Id: 1TSR016

N68 SANTA ROSA AMC-JEEP MAZDA
SSW 2820 CORBY AVE
1/4-1/2 SANTA ROSA, CA 95407
0.376 mi.
1985 ft. Site 3 of 4 in cluster N

LUST 1000395383
SWEEPS UST N/A
HIST UST
CA FID UST

Relative: LUST REG 1:
Lower Region: 1
Actual: Facility ID: 1TSR333
127 ft. Staff Initials: Closed

SWEEPS UST:

Status: Not reported
Comp Number: 18144
Number: Not reported
Board Of Equalization: 44-028198
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-018144-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 2

Status: Not reported
Comp Number: 18144
Number: Not reported
Board Of Equalization: 44-028198
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-018144-000002
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000018144
Facility Type: Other
Other Type: AUTO DEALERSHIP
Contact Name: DAVID FASTOW
Telephone: 7075284860

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA AMC-JEEP MAZDA (Continued)

1000395383

Owner Name: RI-JOYCE, INC.
Owner Address: 2820 CORBY AVE
Owner City,St,Zip: SANTA ROSA, CA 95407
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1983
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 0000000001
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

CA FID UST:

Facility ID: 49001898
Regulated By: UTNKA
Regulated ID: 00018144
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075284860
Mail To: Not reported
Mailing Address: 2820 CORBY AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

N69
SSW
1/4-1/2
0.376 mi.
1985 ft.

ZUMWALT MAGRINI USED CARS
2820 CORBY
SANTA ROSA, CA 95407
Site 4 of 4 in cluster N

LUST **S103649315**
HIST CORTESE **N/A**

Relative:
Lower
Actual:
127 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700755
Global Id: T0609700755
Latitude: 38.4093750377846
Longitude: -122.717493470114
Status: Completed - Case Closed
Status Date: 07/02/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZUMWALT MAGRINI USED CARS (Continued)

S103649315

Case Worker: ZZZ
RB Case Number: 1TSR333
Local Agency: SONOMA COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Global Id: T0609700755
Contact Type: Local Agency Caseworker
Contact Name: ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700755
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700755
Action Type: Other
Date: 10/16/1997
Action: Leak Stopped

Global Id: T0609700755
Action Type: Other
Date: 10/16/1997
Action: Leak Discovery

Global Id: T0609700755
Action Type: Other
Date: 10/16/1997
Action: Leak Reported

LUST:

Global Id: T0609700755
Status: Open - Case Begin Date
Status Date: 10/16/1997

Global Id: T0609700755
Status: Open - Site Assessment
Status Date: 12/01/1997

Global Id: T0609700755
Status: Open - Site Assessment
Status Date: 12/05/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZUMWALT MAGRINI USED CARS (Continued)

S103649315

Global Id: T0609700755
Status: Open - Site Assessment
Status Date: 06/09/1998

Global Id: T0609700755
Status: Open - Remediation
Status Date: 07/01/1998

Global Id: T0609700755
Status: Open - Site Assessment
Status Date: 07/01/1998

Global Id: T0609700755
Status: Open - Verification Monitoring
Status Date: 07/01/1998

Global Id: T0609700755
Status: Completed - Case Closed
Status Date: 07/02/1998

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR333

70
West
1/4-1/2
0.387 mi.
2045 ft.

GREG'S AUTOMOTIVE
DUTTON
SANTA ROSA, CA 93582

Notify 65 **S100179294**
N/A

Relative:
Lower
Actual:
134 ft.

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

71
SSW
1/4-1/2
0.389 mi.
2054 ft.

PRESTIGE ACURA
2840 CORBY AVENUE
SANTA ROSA, CA 95407

LUST **S104574663**
SWEEPS UST **N/A**
HIST CORTESE

Relative:
Lower
Actual:
126 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700754
Global Id: T0609700754
Latitude: 38.408768
Longitude: -122.717317
Status: Completed - Case Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE ACURA (Continued)

S104574663

Status Date: 01/29/1998
Case Worker: ZZZ
RB Case Number: 1TSR332
Local Agency: SONOMA COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Global Id: T0609700754
Contact Type: Local Agency Caseworker
Contact Name: ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700754
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700754
Action Type: Other
Date: 11/17/1997
Action: Leak Stopped

Global Id: T0609700754
Action Type: Other
Date: 11/17/1997
Action: Leak Discovery

Global Id: T0609700754
Action Type: Other
Date: 11/17/1997
Action: Leak Reported

LUST:

Global Id: T0609700754
Status: Open - Case Begin Date
Status Date: 11/17/1997

Global Id: T0609700754
Status: Open - Site Assessment
Status Date: 12/01/1997

Global Id: T0609700754
Status: Open - Remediation
Status Date: 01/28/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE ACURA (Continued)

S104574663

Global Id: T0609700754
 Status: Open - Site Assessment
 Status Date: 01/28/1998

Global Id: T0609700754
 Status: Open - Verification Monitoring
 Status Date: 01/28/1998

Global Id: T0609700754
 Status: Completed - Case Closed
 Status Date: 01/29/1998

SWEEPS UST:

Status: Active
 Comp Number: 150
 Number: 9
 Board Of Equalization: Not reported
 Referral Date: 10-15-93
 Action Date: 06-24-94
 Created Date: 06-24-94
 Owner Tank Id: 1
 SWRCB Tank Id: 49-060-000150-000001
 Tank Status: A
 Capacity: 550
 Active Date: 10-15-93
 Tank Use: OIL
 STG: W
 Content: WASTE OIL
 Number Of Tanks: 1

HIST CORTESE:

Region: CORTESE
 Facility County Code: 49
 Reg By: LTNKA
 Reg Id: 1TSR332

072
South
1/4-1/2
0.405 mi.
2139 ft.

MOUNTAIN VIEW MOBILE HOME PARK
2860 SANTA ROSA AVENUE
SANTA ROSA, CA 95404

CPS-SLIC S103393017
NON-CASE INFO N/A

Site 1 of 3 in cluster O

Relative: SLIC REG 1:
Lower Region: 1
Actual: Facility ID: 1NSR345
128 ft. Staff Initials: JAT

NON-CASE INFO:

Global ID: T0609793386
 Case Type: Non-Case Information
 Status: Informational Item
 Status Date: 03/05/2009
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Case Worker: BBB
 Local Agency: SANTA ROSA, CITY OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOUNTAIN VIEW MOBILE HOME PARK (Continued)

S103393017

RB Case Number: 1NSR345
Loc Case Number: Not reported
File Location: Regional Board
Potential Contaminants of Concern: * Chlorinated Solvents - TCE, * Volatile Organic Compounds (VOC)
Potential Media Affected: Under Investigation
Site History: Due to a contaminated water supply well, this location was first evaluated individually. Evidence of a potential discharge at this location was not found. The impact to this well is now considered part of the Malm Fireplaces case.
Begin Date: 1998-08-01 00:00:00
How Discovered: Other Means
How Discovered Description: Not reported
Stop Method: Not reported
Stop Description: Not reported
Latitude: 38.407363
Longitude: -122.713124
Geotracker: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609793386

O73
South
1/4-1/2
0.417 mi.
2203 ft.

YAEGER & KIRK LUMBER HARD
2875 SANTA ROSA
SANTA ROSA, CA 95407

LUST S100948682
HIST CORTESE N/A

Site 2 of 3 in cluster O

Relative:
Lower
Actual:
127 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700556
Global Id: T0609700556
Latitude: 38.407294
Longitude: -122.714687
Status: Completed - Case Closed
Status Date: 09/23/1993
Case Worker: ZZZ
RB Case Number: 1TSR033
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700556
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700556
Action Type: ENFORCEMENT
Date: 11/15/1988
Action: * Historical Enforcement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YAEGER & KIRK LUMBER HARD (Continued)

S100948682

Global Id: T0609700556
Action Type: Other
Date: 07/24/1987
Action: Leak Reported

Global Id: T0609700556
Action Type: Other
Date: 07/24/1987
Action: Leak Discovery

Global Id: T0609700556
Action Type: Other
Date: 07/24/1987
Action: Leak Stopped

LUST:

Global Id: T0609700556
Status: Open - Case Begin Date
Status Date: 07/24/1987

Global Id: T0609700556
Status: Open - Site Assessment
Status Date: 09/14/1987

Global Id: T0609700556
Status: Open - Site Assessment
Status Date: 01/03/1989

Global Id: T0609700556
Status: Open - Site Assessment
Status Date: 07/20/1989

Global Id: T0609700556
Status: Open - Site Assessment
Status Date: 02/23/1990

Global Id: T0609700556
Status: Open - Remediation
Status Date: 09/22/1993

Global Id: T0609700556
Status: Open - Verification Monitoring
Status Date: 09/22/1993

Global Id: T0609700556
Status: Completed - Case Closed
Status Date: 09/23/1993

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR033

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

O74 **YAEGER & KIRK LUMBER HARDWARE**
South **SANTA ROSA AVENUE 2875**
1/4-1/2 **SANTA ROSA, CA**
0.421 mi.
2221 ft. **Site 3 of 3 in cluster O**

LUST **S104163226**
N/A

Relative: LUST REG 1:
Lower Region: 1
Actual: Facility ID: 1TSR033
127 ft. Staff Initials: Closed

75 **SUMMERHILL / KAUFMAN & BROAD**
SE **PETALUMA HILL & BURT**
1/4-1/2 **SANTA ROSA, CA 95404**
0.428 mi.
2261 ft.

CPS-SLIC **S105051069**
N/A

Relative: CPS-SLIC:
Lower Region: STATE
Actual: **Facility Status:** **Open - Inactive**
140 ft. Status Date: 03/05/2009
 Global Id: T0609793364
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Lead Agency Case Number: Not reported
 Latitude: 38.41001
 Longitude: -122.70363
 Case Type: Cleanup Program Site
 Case Worker: PBN
 Local Agency: SANTA ROSA, CITY OF
 RB Case Number: 1NSR308
 File Location: Regional Board
 Potential Media Affected: Under Investigation
 Potential Contaminants of Concern: Diesel
 Site History: Not reported

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

SLIC REG 1:
 Region: 1
 Facility ID: 1NSR308
 Staff Initials: SKB

P76 **EMPIRE DIAGNOSTIC**
North **COLGAN AVENUE 125**
1/4-1/2 **SANTA ROSA, CA**
0.437 mi.
2307 ft. **Site 1 of 2 in cluster P**

LUST **S104163205**
N/A

Relative: LUST REG 1:
Higher Region: 1
Actual: Facility ID: 1TSR175
144 ft. Staff Initials: Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q77 **ARCO #1318**
NNW **1745 SANTA ROSA AVENUE**
1/4-1/2 **SANTA ROSA, CA 95401**
0.439 mi.
2320 ft. **Site 1 of 4 in cluster Q**

LUST **S100467827**
ENF **N/A**
HIST CORTESE
CIWQS

Relative:
Higher
Actual:
144 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700552
Global Id: T0609700552
Latitude: 38.4210618970251
Longitude: -122.713916301727
Status: Completed - Case Closed
Status Date: 05/17/2013
Case Worker: ZZZ
RB Case Number: 1TSR029
Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board Warehouse
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History:

A former Atlantic Richfield Company (ARCO) gasoline station operated at the site from December 17, 1962 until its demolition on April 4, 1987. In March 1987, the City of Santa Rosa Fire Department discovered releases of petroleum products when fuel was observed entering the adjacent Colgan Creek via the weep holes in the concrete-lined sidewall of the stream channel. In March 1987, ARCO initiated free product recovery operations. In April 1987, ARCO removed approximately 200 gallons of petroleum product during demolition of the gasoline station. Between July 1987 and June 2001, ARCO installed sixteen monitoring wells, and advanced at least forty-two exploratory soil borings to define the extent of contamination and monitor remedial progress in groundwater. ARCO conducted quarterly and semi-annual groundwater monitoring at the Site from March 1996 to July 2012. In 1993, ARCO installed eight soil vapor extraction wells and eight air injection wells and initiated operation of a low-flow bio-sparge remediation system to enhance biological degradation of dissolved petroleum in groundwater.

LUST:
Global Id: T0609700552
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700552
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

LUST:

Global Id:	T0609700552
Action Type:	ENFORCEMENT
Date:	06/27/2011
Action:	Staff Letter
Global Id:	T0609700552
Action Type:	RESPONSE
Date:	04/30/2005
Action:	Other Report / Document
Global Id:	T0609700552
Action Type:	RESPONSE
Date:	05/09/2013
Action:	Well Destruction Report
Global Id:	T0609700552
Action Type:	ENFORCEMENT
Date:	04/12/2004
Action:	Staff Letter
Global Id:	T0609700552
Action Type:	ENFORCEMENT
Date:	06/18/2004
Action:	Staff Letter
Global Id:	T0609700552
Action Type:	ENFORCEMENT
Date:	02/08/2005
Action:	Staff Letter
Global Id:	T0609700552
Action Type:	ENFORCEMENT
Date:	12/22/2005
Action:	* No Action
Global Id:	T0609700552
Action Type:	ENFORCEMENT
Date:	11/03/2006
Action:	Staff Letter
Global Id:	T0609700552
Action Type:	RESPONSE
Date:	01/30/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0609700552
Action Type:	RESPONSE
Date:	03/15/2006
Action:	Well Installation Report
Global Id:	T0609700552
Action Type:	RESPONSE
Date:	01/01/2013
Action:	Correspondence
Global Id:	T0609700552

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Action Type: RESPONSE
Date: 02/20/2013
Action: Other Report / Document

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 01/09/2013
Action: Staff Letter

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 12/21/2009
Action: File review

Global Id: T0609700552
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 10/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 11/01/2012
Action: Staff Letter

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 11/01/2012
Action: Notification - Public Notice of Case Closure

Global Id: T0609700552
Action Type: RESPONSE
Date: 10/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 08/12/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700552
Action Type: RESPONSE
Date: 04/30/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 07/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Staff Letter

Global Id: T0609700552
Action Type: RESPONSE
Date: 10/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 01/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 07/01/2006
Action: * No Action

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 06/12/2006
Action: Staff Letter

Global Id: T0609700552
Action Type: RESPONSE
Date: 04/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0609700552
Action Type: RESPONSE
Date: 11/14/2005
Action: Other Workplan

Global Id: T0609700552
Action Type: RESPONSE
Date: 11/30/2004
Action: Soil and Water Investigation Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 11/01/2012
Action: Notification - Public Notice of Case Closure

Global Id: T0609700552
Action Type: RESPONSE
Date: 10/31/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 08/22/1990
Action: * Historical Enforcement

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 11/30/2005
Action: Staff Letter

Global Id: T0609700552
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 07/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 01/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 12/05/2012
Action: Correspondence

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 12/20/2011
Action: Staff Letter

Global Id: T0609700552
Action Type: RESPONSE
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Date: 07/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: File review

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 05/17/2013
Action: Closure/No Further Action Letter

Global Id: T0609700552
Action Type: RESPONSE
Date: 12/17/2012
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700552
Action Type: RESPONSE
Date: 09/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: Other
Date: 04/03/1987
Action: Leak Reported

Global Id: T0609700552
Action Type: Other
Date: 04/03/1987
Action: Leak Discovery

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 01/10/2013
Action: Staff Letter

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 03/10/2009
Action: File review

Global Id: T0609700552
Action Type: RESPONSE
Date: 10/31/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700552
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700552
Action Type: RESPONSE
Date: 04/30/2011
Action: Monitoring Report - Semi-Annually

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Global Id: T0609700552
Action Type: Other
Date: 04/03/1987
Action: Leak Stopped

Global Id: T0609700552
Action Type: RESPONSE
Date: 07/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0609700552
Action Type: RESPONSE
Date: 07/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
Date: 12/03/2006
Action: Other Workplan

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 12/04/2012
Action: Staff Letter

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 11/20/2012
Action: Rescission of Enforcement Action

Global Id: T0609700552
Action Type: ENFORCEMENT
Date: 10/14/2005
Action: Staff Letter

Global Id: T0609700552
Action Type: RESPONSE
Date: 12/31/2011
Action: Soil and Water Investigation Report

LUST:

Global Id: T0609700552
Status: Open - Case Begin Date
Status Date: 04/03/1987

Global Id: T0609700552
Status: Open - Site Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Status Date: 08/28/1987

Global Id: T0609700552
Status: Open - Site Assessment
Status Date: 03/06/1989

Global Id: T0609700552
Status: Open - Site Assessment
Status Date: 12/18/1992

Global Id: T0609700552
Status: Open - Remediation
Status Date: 12/20/1993

Global Id: T0609700552
Status: Open - Remediation
Status Date: 02/23/1994

Global Id: T0609700552
Status: Open - Verification Monitoring
Status Date: 11/24/2004

Global Id: T0609700552
Status: Open - Remediation
Status Date: 08/14/2006

Global Id: T0609700552
Status: Open - Remediation
Status Date: 10/12/2006

Global Id: T0609700552
Status: Open - Verification Monitoring
Status Date: 10/12/2006

Global Id: T0609700552
Status: Open - Verification Monitoring
Status Date: 12/14/2011

Global Id: T0609700552
Status: Open - Eligible for Closure
Status Date: 11/01/2012

Global Id: T0609700552
Status: Completed - Case Closed
Status Date: 05/17/2013

LUST REG 1:

Region: 1
Facility ID: 1TSR029
Staff Initials: JAT

ENF:

Region: 1
Facility Id: 206234
Agency Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42095
Place Longitude:	-122.71405
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
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:	Enf Action
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:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219651
Region:	1
Order / Resolution Number:	LT960828
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/28/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/28/1996
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B91002N SON Arco Service Station 1318
Description:	REQUESTING SUBMITTAL OF PERMIT RENEWAL PACKAGE.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	206234
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42095
Place Longitude:	-122.71405
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
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:	Enf Action
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ARCO #1318 (Continued)

S100467827

Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
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:	Not reported
Status Date:	Not reported
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:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221393
Region:	1
Order / Resolution Number:	90-171
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	08/22/1990
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/20/2012
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B91002NSON Arco Service Station 1318
Description:	DISCHARGE OF UNKNOWN QUANTITY OF FUEL PRODUCTS TO CAOLZAN CR. HYDROGEOLOGIC INVEST & CLEANUP TASKS.
Program:	UST
Latest Milestone Completion Date:	2012-11-20
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR029

Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B91002NSON

CIWQS:

Agency: ARCO Petroleum Products Company La Palma (BP)
Agency Address: 6 Centerpointe Drive Lpr6-161, La Palma, CA 90623-1066
Place/Project Type: Gasoline Service Station
SIC/NAICS: 5541
Region: 1
Program: UST
Regulatory Measure Status: Historical
Regulatory Measure Type: WDR
Order Number: 91-033
WDID: 1B91002NSON
NPDES Number: Not reported
Adoption Date: 03/28/1991
Effective Date: 03/28/1991
Termination Date: 03/28/1996
Expiration/Review Date: 03/28/1996
Design Flow: 0.0001
Major/Minor: Not reported
Complexity: B
TTWQ: 2
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 38.42095
Longitude: -122.71405

Q78
NNW
1/4-1/2
0.439 mi.
2320 ft.

SALIM SARMAST
1745 SANTA ROSA AVE
SANTA ROSA, CA 95401

SWEEPS UST **S101627204**
CA FID UST **N/A**
Cortese

Site 2 of 4 in cluster Q

Relative:
Higher
Actual:
144 ft.

SWEEPS UST:
Status: Active
Comp Number: 26967
Number: 9
Board Of Equalization: 44-028227
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-026967-000001
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SALIM SARMAST (Continued)

S101627204

Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 26967
Number: 9
Board Of Equalization: 44-028227
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-026967-000002
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 26967
Number: 9
Board Of Equalization: 44-028227
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 49-060-026967-000003
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 26967
Number: 9
Board Of Equalization: 44-028227
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 4
SWRCB Tank Id: 49-060-026967-000004
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 49000071
Regulated By: UTNKA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SALIM SARMAST (Continued)

S101627204

Regulated ID: 00026967
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 1745 SANTA ROSA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

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: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

Q79
NNW
1/4-1/2
0.439 mi.
2320 ft.

FORMER ARCO STATION
1745 SANAT ROSA AVE
SANTA ROSA, CA 93582
Site 3 of 4 in cluster Q

Notify 65 **S100179509**
N/A

Relative:
Higher
Actual:
144 ft.

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 ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R80 **EMPIRE SWIFT PLUMBING & HEAT**
North **244 COLGAN AVENUE**
1/4-1/2 **SANTA ROSA, CA 95407**
0.459 mi.
2425 ft. **Site 1 of 2 in cluster R**

LUST **S101304908**
HIST CORTESE **N/A**

Relative:
Higher
Actual:
148 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700662
Global Id: T0609700662
Latitude: 38.4216044
Longitude: -122.7110302
Status: Completed - Case Closed
Status Date: 12/03/1997
Case Worker: ZZZ
RB Case Number: 1TSR172
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700662
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700662
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700662
Action Type: ENFORCEMENT
Date: 12/07/1990
Action: * Historical Enforcement

Global Id: T0609700662
Action Type: Other
Date: 11/20/1990
Action: Leak Discovery

Global Id: T0609700662
Action Type: Other
Date: 11/20/1990
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMPIRE SWIFT PLUMBING & HEAT (Continued)

S101304908

Global Id: T0609700662
Action Type: Other
Date: 11/20/1990
Action: Leak Stopped

LUST:

Global Id: T0609700662
Status: Open - Case Begin Date
Status Date: 11/20/1990

Global Id: T0609700662
Status: Open - Site Assessment
Status Date: 12/07/1990

Global Id: T0609700662
Status: Open - Site Assessment
Status Date: 01/28/1991

Global Id: T0609700662
Status: Open - Site Assessment
Status Date: 07/22/1992

Global Id: T0609700662
Status: Open - Remediation
Status Date: 10/02/1996

Global Id: T0609700662
Status: Open - Verification Monitoring
Status Date: 10/02/1996

Global Id: T0609700662
Status: Completed - Case Closed
Status Date: 12/03/1997

LUST REG 1:

Region: 1
Facility ID: 1TSR172
Staff Initials: Closed

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR172

P81
North
1/4-1/2
0.462 mi.
2441 ft.

SHELL (STEEL BEAR DELI)
1750 SANTA ROSA AVENUE
SANTA ROSA, CA 95404

Site 2 of 2 in cluster P

LUST S105085041
N/A

Relative:
Higher
Actual:
145 ft.

LUST:

Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000001233

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (STEEL BEAR DELI) (Continued)

S105085041

Global Id: T10000001233
Latitude: 38.4213687032666
Longitude: -122.713165283203
Status: Completed - Case Closed
Status Date: 05/06/2014
Case Worker: ZZZ
RB Case Number: 1TSR444
Local Agency: Not reported
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply, Soil, Surface water
Potential Contaminants of Concern: Benzene, Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Global Id: T10000001233
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 04/21/2010
Action: Meeting

Global Id: T10000001233
Action Type: Other
Date: 06/29/2009
Action: Leak Reported

Global Id: T10000001233
Action Type: RESPONSE
Date: 05/04/2010
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T10000001233
Action Type: RESPONSE
Date: 05/27/2011
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T10000001233
Action Type: RESPONSE
Date: 04/12/2013
Action: Monitoring Report - Quarterly

Global Id: T10000001233
Action Type: RESPONSE
Date: 09/01/2013
Action: Soil and Water Investigation Report

Global Id: T10000001233
Action Type: REMEDIATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (STEEL BEAR DELI) (Continued)

S105085041

Date: 01/01/1979
Action: Excavation

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 01/22/2014
Action: Staff Letter

Global Id: T10000001233
Action Type: RESPONSE
Date: 06/01/2014
Action: Well Destruction Report

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 09/19/2011
Action: Meeting

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 08/13/2010
Action: Staff Letter

Global Id: T10000001233
Action Type: RESPONSE
Date: 12/04/2013
Action: Other Report / Document

Global Id: T10000001233
Action Type: RESPONSE
Date: 01/18/2014
Action: Other Report / Document

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 09/09/2008
Action: Staff Letter

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 08/29/2012
Action: Staff Letter

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 07/11/2013
Action: Site Visit / Inspection / Sampling

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 11/13/2012
Action: Verbal Enforcement

Global Id: T10000001233
Action Type: RESPONSE
Date: 01/23/2012
Action: Well Installation Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (STEEL BEAR DELI) (Continued)

S105085041

Global Id:	T10000001233
Action Type:	RESPONSE
Date:	03/29/2012
Action:	Monitoring Report - Quarterly
Global Id:	T10000001233
Action Type:	ENFORCEMENT
Date:	09/25/2009
Action:	Staff Letter
Global Id:	T10000001233
Action Type:	RESPONSE
Date:	12/18/2013
Action:	Well Destruction Workplan - Regulator Responded
Global Id:	T10000001233
Action Type:	ENFORCEMENT
Date:	07/21/2011
Action:	Meeting
Global Id:	T10000001233
Action Type:	RESPONSE
Date:	07/30/2012
Action:	Monitoring Report - Quarterly
Global Id:	T10000001233
Action Type:	RESPONSE
Date:	10/30/2012
Action:	Monitoring Report - Quarterly
Global Id:	T10000001233
Action Type:	RESPONSE
Date:	07/14/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000001233
Action Type:	RESPONSE
Date:	07/12/2010
Action:	Monitoring Report - Quarterly
Global Id:	T10000001233
Action Type:	RESPONSE
Date:	10/13/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000001233
Action Type:	RESPONSE
Date:	11/07/2011
Action:	Soil and Water Investigation Workplan
Global Id:	T10000001233
Action Type:	ENFORCEMENT
Date:	01/16/2013
Action:	Staff Letter
Global Id:	T10000001233
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (STEEL BEAR DELI) (Continued)

S105085041

Date: 05/26/2010
Action: Staff Letter

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 02/07/2012
Action: Staff Letter

Global Id: T10000001233
Action Type: RESPONSE
Date: 08/28/2009
Action: Preliminary Site Assessment Workplan

Global Id: T10000001233
Action Type: Other
Date: 09/09/2008
Action: Leak Discovery

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 06/17/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T10000001233
Action Type: RESPONSE
Date: 07/30/2013
Action: Monitoring Report - Quarterly

Global Id: T10000001233
Action Type: RESPONSE
Date: 10/30/2013
Action: Monitoring Report - Quarterly

Global Id: T10000001233
Action Type: RESPONSE
Date: 01/30/2013
Action: Monitoring Report - Quarterly

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 11/19/2013
Action: Notification - Public Notice of Case Closure

Global Id: T10000001233
Action Type: ENFORCEMENT
Date: 05/06/2014
Action: Closure/No Further Action Letter

Global Id: T10000001233
Action Type: RESPONSE
Date: 01/17/2012
Action: Monitoring Report - Quarterly

LUST:
Global Id: T10000001233
Status: Open - Case Begin Date
Status Date: 09/09/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (STEEL BEAR DELI) (Continued)

S105085041

Global Id: T10000001233
Status: Open - Assessment & Interim Remedial Action
Status Date: 06/29/2009

Global Id: T10000001233
Status: Open - Site Assessment
Status Date: 06/29/2009

Global Id: T10000001233
Status: Open - Eligible for Closure
Status Date: 10/16/2013

Global Id: T10000001233
Status: Open - Eligible for Closure
Status Date: 01/21/2014

Global Id: T10000001233
Status: Completed - Case Closed
Status Date: 05/06/2014

S82
SSW
1/4-1/2
0.464 mi.
2448 ft.
Relative:
Lower
Actual:
125 ft.

FREEMAN TOYOTA
2875 CORBY AVE
SANTA ROSA, CA 95407
Site 1 of 4 in cluster S

RCRA-SQG **1000205913**
LUST **CAD981674831**
AST
FINDS
ECHO
EMI
HAZNET
NPDES
CIWQS

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: FREEMAN TOYOTA
Facility address: 2875 CORBY AVE
SANTA ROSA, CA 95407
EPA ID: CAD981674831
Mailing address: PO BOX 1704
SANTA ROSA, CA 95402
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: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: THOMAS C FREEMAN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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: 09/01/1996
Site name: FREEMAN TOYOTA
Classification: Small Quantity Generator

Date form received by agency: 09/18/1986
Site name: FREEMAN TOYOTA
Classification: Large Quantity Generator

Violation Status: No violations found

LUST REG 1:

Region: 1
Facility ID: 1TSR124
Staff Initials: Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

AST:

Certified Unified Program Agencies: Santa Rosa
Owner: Freeman Toyota
Total Gallons: 1,320
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
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

Certified Unified Program Agencies: Not reported
Owner: Dianna Freeman
Total Gallons: Not reported
CERSID: 10115101
Facility ID: 49-060-000572
Business Name: Freeman Toyota
Phone: 707-542-1791
Fax: 707-542-6014
Mailing Address: PO Box 1704
Mailing Address City: Santa Rosa
Mailing Address State: CA
Mailing Address Zip Code: 95402
Operator Name: Gerry Quinlan
Operator Phone: 707-542-1791
Owner Phone: 707-542-1791
Owner Mail Address: PO Box 1704
Owner State: CA
Owner Zip Code: 95402
Owner Country: United States
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: CAD981674831

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

FINDS:

Registry ID: 110001177360

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.

STATE MASTER

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.

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

ECHO:

Envid: 1000205913
Registry ID: 110001177360
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001177360>

EMI:

Year: 1990
County Code: 49
Air Basin: SF
Facility ID: 3872
Air District Name: BA
SIC Code: 5511
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: 1
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: 1993
County Code: 49
Air Basin: SF
Facility ID: 3872

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

Air District Name: BA
SIC Code: 5511
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: 1
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
County Code: 49
Air Basin: SF
Facility ID: 3872
Air District Name: BA
SIC Code: 5511
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: 1.167
Reactive Organic Gases Tons/Yr: .4668
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: 49
Air Basin: SF
Facility ID: 3872
Air District Name: BA
SIC Code: 5511
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: 1.167
Reactive Organic Gases Tons/Yr: 0.46679999999999999
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: 49
Air Basin: SF
Facility ID: 3872
Air District Name: BA
SIC Code: 5511
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: 1.167

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

Reactive Organic Gases Tons/Yr: 0.4667999999999999
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: 49
Air Basin: SF
Facility ID: 3872
Air District Name: BA
SIC Code: 5511
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: 1.167
Reactive Organic Gases Tons/Yr: 0.4668
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: 2012
County Code: 49
Air Basin: SF
Facility ID: 3872
Air District Name: BA
SIC Code: 5511
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: 1.167
Reactive Organic Gases Tons/Yr: 0.4668
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: 2013
County Code: 49
Air Basin: SF
Facility ID: 3872
Air District Name: BA
SIC Code: 5511
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: 1.167
Reactive Organic Gases Tons/Yr: 0.4668
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

FREEMAN TOYOTA (Continued)

1000205913

Year: 2014
County Code: 49
Air Basin: SF
Facility ID: 3872
Air District Name: BA
SIC Code: 5511
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: 1.17099783
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: 2015
County Code: 49
Air Basin: SF
Facility ID: 3872
Air District Name: BA
SIC Code: 5511
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: 1.17099791
Reactive Organic Gases Tons/Yr: 1.17099791
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: 1000205913
Year: 2016
GEPAID: CAD981674831
Contact: GERALD QUINLAN
Telephone: 7075421791
Mailing Name: Not reported
Mailing Address: PO BOX 1704
Mailing City,St,Zip: SANTA ROSA, CA 954021704
Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.7506
Cat Decode: Aqueous solution with total organic residues 10 percent or more
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

envid: 1000205913
Year: 2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

GEPaid: CAD981674831
Contact: GERALD QUINLAN
Telephone: 7075421791
Mailing Name: Not reported
Mailing Address: PO BOX 1704
Mailing City,St,Zip: SANTA ROSA, CA 954021704
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.2642
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

envid: 1000205913
Year: 2016
GEPaid: CAD981674831
Contact: GERALD QUINLAN
Telephone: 7075421791
Mailing Name: Not reported
Mailing Address: PO BOX 1704
Mailing City,St,Zip: SANTA ROSA, CA 954021704
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.35
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

envid: 1000205913
Year: 2016
GEPaid: CAD981674831
Contact: GERALD QUINLAN
Telephone: 7075421791
Mailing Name: Not reported
Mailing Address: PO BOX 1704
Mailing City,St,Zip: SANTA ROSA, CA 954021704
Gen County: Sonoma
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.5
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: Sonoma

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

envid: 1000205913
Year: 2015
GEPaid: CAD981674831
Contact: GERALD QUINLAN
Telephone: 7075421791
Mailing Name: Not reported
Mailing Address: PO BOX 1704
Mailing City,St,Zip: SANTA ROSA, CA 954021704
Gen County: Sonoma
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 5.31675
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

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

NPDES:

Npdes Number: CAS000002
Facility Status: Active
Agency Id: 0
Region: 1
Regulatory Measure Id: 495193
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 1 49C382624
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/02/2018
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Freeman Toyota
Discharge Address: 2875 Corby Ave
Discharge City: Santa Rosa
Discharge State: California
Discharge Zip: 95407
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

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
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

CIWQS:

Agency: Freeman Toyota
Agency Address: 2875 Corby Ave, Santa Rosa, CA 95407
Place/Project Type: Construction
SIC/NAICS: Not reported
Region: 1
Program: CONSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 1 49C382624
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 03/02/2018
Termination Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 38.40786
Longitude: -122.71752

S83
SSW
1/4-1/2
0.464 mi.
2448 ft.

FREEMAN TOYOTA
2875 CORBY
SANTA ROSA, CA 93582
Site 2 of 4 in cluster S

LUST **S100236179**
HIST CORTESE **N/A**
Notify 65

Relative:
Lower
Actual:
125 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700631
Global Id: T0609700631
Latitude: 38.407989
Longitude: -122.717915
Status: Completed - Case Closed
Status Date: 05/29/1995
Case Worker: ZZZ
RB Case Number: 1TSR124
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700631
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700631
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700631
Action Type: ENFORCEMENT
Date: 11/30/1989
Action: * Historical Enforcement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

S100236179

Global Id: T0609700631
Action Type: Other
Date: 11/02/1989
Action: Leak Discovery

Global Id: T0609700631
Action Type: Other
Date: 11/02/1989
Action: Leak Reported

Global Id: T0609700631
Action Type: Other
Date: 11/02/1989
Action: Leak Stopped

LUST:

Global Id: T0609700631
Status: Open - Case Begin Date
Status Date: 11/02/1989

Global Id: T0609700631
Status: Open - Site Assessment
Status Date: 11/30/1989

Global Id: T0609700631
Status: Open - Site Assessment
Status Date: 12/05/1990

Global Id: T0609700631
Status: Open - Remediation
Status Date: 05/28/1995

Global Id: T0609700631
Status: Open - Site Assessment
Status Date: 05/28/1995

Global Id: T0609700631
Status: Open - Verification Monitoring
Status Date: 05/28/1995

Global Id: T0609700631
Status: Completed - Case Closed
Status Date: 05/29/1995

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR124

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

S100236179

Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

S84
SSW
1/4-1/2
0.473 mi.
2498 ft.

SMOTHERS VOLVO
2881 CORBY AVE
SANTA ROSA, CA 95407
Site 3 of 4 in cluster S

LUST **U001609579**
HIST UST **N/A**
HIST CORTESE

Relative:
Lower
Actual:
124 ft.

LUST:

Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700697
Global Id: T0609700697
Latitude: 38.407368
Longitude: -122.717325
Status: Completed - Case Closed
Status Date: 06/20/1996
Case Worker: ZZZ
RB Case Number: 1TSR250
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Global Id: T0609700697
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700697
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700697
Action Type: Other
Date: 09/20/1993
Action: Leak Reported

Global Id: T0609700697
Action Type: Other
Date: 09/20/1993
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMOTHERS VOLVO (Continued)

U001609579

Global Id: T0609700697
Action Type: Other
Date: 09/20/1993
Action: Leak Stopped

LUST:

Global Id: T0609700697
Status: Open - Case Begin Date
Status Date: 09/20/1993

Global Id: T0609700697
Status: Open - Site Assessment
Status Date: 09/24/1993

Global Id: T0609700697
Status: Open - Remediation
Status Date: 06/19/1996

Global Id: T0609700697
Status: Open - Site Assessment
Status Date: 06/19/1996

Global Id: T0609700697
Status: Open - Verification Monitoring
Status Date: 06/19/1996

Global Id: T0609700697
Status: Completed - Case Closed
Status Date: 06/20/1996

HIST UST:

File Number: 0002174C
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002174C.pdf>
Region: STATE
Facility ID: 00000066507
Facility Type: Other
Other Type: AUTO DEALERSHIP
Contact Name: ROBERT WHITE
Telephone: 7075424810
Owner Name: SMOTHERS & WHITE INC.
Owner Address: 2881 CORBY AVENUE
Owner City,St,Zip: SANTA ROSA, CA 95407
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1984
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: X
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMOTHERS VOLVO (Continued)

U001609579

Year Installed: 1984
Tank Capacity: 00000400
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR250

S85
SSW
1/4-1/2
0.473 mi.
2498 ft.

SMOTHERS EUROPEAN
2881 CORBY AVE
SANTA ROSA, CA 95407

Site 4 of 4 in cluster S

RCRA-SQG 1000820590
LUST CAD983666546
SWEEPS UST
CA FID UST
FINDS
ECHO

Relative:
Lower

RCRA-SQG:

Actual:
124 ft.

Date form received by agency: 04/29/1993
Facility name: SMOTHERS EUROPEAN
Facility address: 2881 CORBY AVE
SANTA ROSA, CA 95407
EPA ID: CAD983666546
Mailing address: CORBY AVE
SANTA ROSA, CA 95407
Contact: MERRIL HERRING
Contact address: 2881 CORBY AVE
SANTA ROSA, CA 95407
Contact country: US
Contact telephone: 707-542-4810
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: DON SMOTHERS
Owner/operator address: 2881 CORBY AVE
SANTA ROSA, CA 95407
Owner/operator country: Not reported
Owner/operator telephone: 707-542-4810
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

SMOTHERS EUROPEAN (Continued)

1000820590

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

LUST REG 1:

Region: 1
Facility ID: 1TSR250
Staff Initials: Closed

SWEEPS UST:

Status: Active
Comp Number: 66507
Number: 1
Board Of Equalization: 44-028390
Referral Date: 07-13-93
Action Date: 06-24-94
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-066507-000002
Tank Status: A
Capacity: 400
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 1

Status: Not reported
Comp Number: 66507
Number: Not reported
Board Of Equalization: 44-028390
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-060-066507-000001
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMOTHERS EUROPEAN (Continued)

1000820590

Number Of Tanks: 1

CA FID UST:

Facility ID: 49002080
Regulated By: UTNKA
Regulated ID: 00066507
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075424810
Mail To: Not reported
Mailing Address: 2881 CORBY AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
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: 110002897848

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

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

ECHO:

Envid: 1000820590
Registry ID: 110002897848
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002897848>

R86
North
1/4-1/2
0.475 mi.
2509 ft.

EMPIRE DIAGNOSTIC
125 COLGAN AVENUE
SANTA ROSA, CA 95404
Site 2 of 2 in cluster R

LUST S100861397
HIST CORTESE N/A

Relative:
Higher
Actual:
147 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700664
Global Id: T0609700664
Latitude: 38.4214094

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMPIRE DIAGNOSTIC (Continued)

S100861397

Longitude: -122.7122922
Status: Completed - Case Closed
Status Date: 06/22/1995
Case Worker: ZZZ
RB Case Number: 1TSR175
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Global Id: T0609700664
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700664
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700664
Action Type: ENFORCEMENT
Date: 01/25/1991
Action: * Historical Enforcement

Global Id: T0609700664
Action Type: Other
Date: 01/11/1991
Action: Leak Discovery

Global Id: T0609700664
Action Type: Other
Date: 01/11/1991
Action: Leak Reported

Global Id: T0609700664
Action Type: Other
Date: 01/11/1991
Action: Leak Stopped

LUST:

Global Id: T0609700664
Status: Open - Case Begin Date
Status Date: 01/11/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMPIRE DIAGNOSTIC (Continued)

S100861397

Global Id: T0609700664
Status: Open - Site Assessment
Status Date: 01/25/1991

Global Id: T0609700664
Status: Open - Site Assessment
Status Date: 03/19/1991

Global Id: T0609700664
Status: Open - Site Assessment
Status Date: 08/12/1991

Global Id: T0609700664
Status: Open - Remediation
Status Date: 06/21/1995

Global Id: T0609700664
Status: Open - Site Assessment
Status Date: 06/21/1995

Global Id: T0609700664
Status: Open - Verification Monitoring
Status Date: 06/21/1995

Global Id: T0609700664
Status: Completed - Case Closed
Status Date: 06/22/1995

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR175

Q87
North
1/4-1/2
0.482 mi.
2543 ft.

CHEVRON #9-1168
1715 SANTA ROSA AVENUE
SANTA ROSA, CA 95404

Site 4 of 4 in cluster Q

LUST S100236269
HIST CORTESE N/A

Relative:
Higher
Actual:
145 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700613
Global Id: T0609700613
Latitude: 38.4214294
Longitude: -122.7136232
Status: Completed - Case Closed
Status Date: 06/06/2007
Case Worker: ZZZ
RB Case Number: 1TSR102
Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-1168 (Continued)

S100236269

Site History: Not reported

LUST:
Global Id: T0609700613
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700613
Action Type: ENFORCEMENT
Date: 11/08/2006
Action: Notification - Public Notice of Case Closure

Global Id: T0609700613
Action Type: RESPONSE
Date: 11/30/2005
Action: Other Report / Document

Global Id: T0609700613
Action Type: ENFORCEMENT
Date: 08/07/1989
Action: * Historical Enforcement

Global Id: T0609700613
Action Type: ENFORCEMENT
Date: 11/03/2006
Action: Staff Letter

Global Id: T0609700613
Action Type: REMEDIATION
Date: 04/05/2000
Action: Excavation

Global Id: T0609700613
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700613
Action Type: RESPONSE
Date: 11/18/2006
Action: Other Report / Document

Global Id: T0609700613
Action Type: RESPONSE
Date: 02/15/2007
Action: Other Report / Document

Global Id: T0609700613
Action Type: Other
Date: 08/07/1989
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-1168 (Continued)

S100236269

Global Id: T0609700613
Action Type: ENFORCEMENT
Date: 06/06/2007
Action: Closure/No Further Action Letter

Global Id: T0609700613
Action Type: ENFORCEMENT
Date: 01/29/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700613
Action Type: Other
Date: 08/07/1989
Action: Leak Reported

Global Id: T0609700613
Action Type: Other
Date: 08/07/1989
Action: Leak Stopped

Global Id: T0609700613
Action Type: REMEDIATION
Date: 10/01/1996
Action: Other (Use Description Field)

Global Id: T0609700613
Action Type: RESPONSE
Date: 06/30/2007
Action: Other Report / Document

Global Id: T0609700613
Action Type: ENFORCEMENT
Date: 09/07/2005
Action: Staff Letter

Global Id: T0609700613
Action Type: ENFORCEMENT
Date: 07/01/2005
Action: File review

Global Id: T0609700613
Action Type: ENFORCEMENT
Date: 03/07/2007
Action: Staff Letter

LUST:

Global Id: T0609700613
Status: Open - Case Begin Date
Status Date: 07/28/1989

Global Id: T0609700613
Status: Open - Site Assessment
Status Date: 07/28/1989

Global Id: T0609700613
Status: Open - Site Assessment
Status Date: 08/07/1989

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHEVRON #9-1168 (Continued)

S100236269

Global Id: T0609700613
 Status: Open - Site Assessment
 Status Date: 09/18/1989

Global Id: T0609700613
 Status: Open - Site Assessment
 Status Date: 04/17/1991

Global Id: T0609700613
 Status: Open - Remediation
 Status Date: 02/06/1996

Global Id: T0609700613
 Status: Open - Verification Monitoring
 Status Date: 02/06/1996

Global Id: T0609700613
 Status: Completed - Case Closed
 Status Date: 06/06/2007

LUST REG 1:

Region: 1
 Facility ID: 1TSR102
 Staff Initials: JAT

HIST CORTESE:

Region: CORTESE
 Facility County Code: 49
 Reg By: LTNKA
 Reg Id: 1TSR102

88
WNW
1/2-1
0.501 mi.
2643 ft.

FOUCHE BROS
2290 DUTTON AVENUE
SANTA ROSA, CA 95401

ENVIROSTOR **S108213818**
CPS-SLIC **N/A**

Relative:
Lower
Actual:
134 ft.

ENVIROSTOR:
 Facility ID: 49500004
 Status: Refer: RWQCB
 Status Date: 09/27/1993
 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
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOUCHE BROS (Continued)

S108213818

Funding: Not reported
Latitude: 38.41731
Longitude: -122.7219
APN: 043-041-001
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 043-041-001
Alias Type: APN
Alias Name: T0609793108
Alias Type: GeoTracker Global ID
Alias Name: 49500004
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/10/1988
Comments: FACILITY IDENTIFIED POLK DIR 1958

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/22/1988
Comments: SITE SCREENING DONE AUTO DISMANTLER, POSS ONSITE DISP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 10/06/2015
Comments: DTSC completed site reassessment on US EPA's behalf. Lead and volatile organic compounds were detected in soil and groundwater above screening levels. The North Coast Regional Water Quality Control Board is currently overseeing environmental cleanup. EPA determined that the site needed further assessment under CERCLA but at low priority as a state agency is currently overseeing cleanup.

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

CPS-SLIC:

Region: STATE
Facility Status: Open - Remediation
Status Date: 10/17/2014
Global Id: T0609793108
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4168209335305

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOUCHE BROS (Continued)

S108213818

Longitude: -122.722892388885
Case Type: Cleanup Program Site
Case Worker: BML
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO366
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Soil, Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: This site is comprised of three parcels totaling approximately 12.2 acres. Since the late 1940s up until 2000 or 2001, the site was operated as an auto wrecking yard by the Fouche family. Soil and groundwater at the site were affected by the auto wrecking activities. Soil cleanup work has been performed. Cleanup and Abatement Order No.R1-2016-0040 was issued by the Regional Water Board in 2016. Soil testing for lead and groundwater testing for HVOCs is ongoing under the CAO. The site is currently being developed into residential housing.

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

89
SSW
1/2-1
0.585 mi.
3088 ft.

PRESTIGE LINCOLN MERCURY
2979 CORBY AVENUE
SANTA ROSA, CA 93582

LUST **1000388923**
HIST CORTESE **N/A**
Notify 65

Relative:
Lower
Actual:
122 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700630
Global Id: T0609700630
Latitude: 38.4051782527383
Longitude: -122.716744935057
Status: Completed - Case Closed
Status Date: 03/16/2010
Case Worker: ZZZ
RB Case Number: 1TSR123
Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700630
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700630
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE LINCOLN MERCURY (Continued)

1000388923

Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700630
Action Type: RESPONSE
Date: 09/15/2004
Action: Other Report / Document

Global Id: T0609700630
Action Type: RESPONSE
Date: 12/30/2008
Action: Monitoring Report - Other

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 10/15/2009
Action: Notification - Public Notice of Case Closure

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 04/30/2008
Action: Staff Letter

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 05/23/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 11/30/1989
Action: * Historical Enforcement

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 08/10/2004
Action: Staff Letter

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 03/27/2003
Action: Waste Discharge Requirements - #R1-003-0002

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 08/10/2004
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700630
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

PRESTIGE LINCOLN MERCURY (Continued)

1000388923

Global Id:	T0609700630
Action Type:	RESPONSE
Date:	07/31/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0609700630
Action Type:	ENFORCEMENT
Date:	08/24/2007
Action:	File review
Global Id:	T0609700630
Action Type:	REMEDIATION
Date:	07/26/2005
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0609700630
Action Type:	ENFORCEMENT
Date:	09/15/2009
Action:	Staff Letter
Global Id:	T0609700630
Action Type:	ENFORCEMENT
Date:	10/15/2009
Action:	Staff Letter
Global Id:	T0609700630
Action Type:	Other
Date:	11/09/1989
Action:	Leak Discovery
Global Id:	T0609700630
Action Type:	RESPONSE
Date:	11/01/2009
Action:	Other Report / Document
Global Id:	T0609700630
Action Type:	RESPONSE
Date:	01/15/2005
Action:	Other Report / Document
Global Id:	T0609700630
Action Type:	ENFORCEMENT
Date:	09/21/2006
Action:	Staff Letter
Global Id:	T0609700630
Action Type:	ENFORCEMENT
Date:	12/14/2009
Action:	Staff Letter
Global Id:	T0609700630
Action Type:	ENFORCEMENT
Date:	02/22/2010
Action:	Staff Letter
Global Id:	T0609700630
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE LINCOLN MERCURY (Continued)

1000388923

Date: 03/10/2010
Action: Staff Letter

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 03/10/2010
Action: Closure/No Further Action Letter

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 09/21/2006
Action: 13267 Monitoring Program

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 11/15/2006
Action: Staff Letter

Global Id: T0609700630
Action Type: REMEDIATION
Date: 05/22/1991
Action: Excavation

Global Id: T0609700630
Action Type: RESPONSE
Date: 11/15/2008
Action: Other Report / Document

Global Id: T0609700630
Action Type: RESPONSE
Date: 09/15/2004
Action: Other Report / Document

Global Id: T0609700630
Action Type: RESPONSE
Date: 10/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700630
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700630
Action Type: RESPONSE
Date: 06/15/2008
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0609700630
Action Type: Other
Date: 11/09/1989
Action: Leak Reported

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 04/16/2003
Action: * No Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE LINCOLN MERCURY (Continued)

1000388923

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 10/21/2005
Action: 13267 Monitoring Program - #R1-2005-0103

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 02/04/2003
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 08/19/2003
Action: File review

Global Id: T0609700630
Action Type: REMEDIATION
Date: 05/22/1991
Action: Excavation

Global Id: T0609700630
Action Type: Other
Date: 11/09/1989
Action: Leak Stopped

Global Id: T0609700630
Action Type: RESPONSE
Date: 09/10/2010
Action: Well Destruction Report

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 10/28/2008
Action: Staff Letter

Global Id: T0609700630
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 11/23/2004
Action: Staff Letter

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 12/08/2004
Action: Rescission of Enforcement Action - #R1-2004-0093

Global Id: T0609700630
Action Type: ENFORCEMENT
Date: 09/15/2009
Action: Notification - Public Notice of Case Closure

Global Id: T0609700630
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE LINCOLN MERCURY (Continued)

1000388923

Date: 09/01/2009
Action: File review

LUST:

Global Id: T0609700630
Status: Open - Case Begin Date
Status Date: 11/09/1989

Global Id: T0609700630
Status: Open - Site Assessment
Status Date: 11/30/1989

Global Id: T0609700630
Status: Open - Site Assessment
Status Date: 02/20/1990

Global Id: T0609700630
Status: Open - Site Assessment
Status Date: 04/10/1990

Global Id: T0609700630
Status: Open - Site Assessment
Status Date: 02/04/1993

Global Id: T0609700630
Status: Open - Remediation
Status Date: 07/18/2001

Global Id: T0609700630
Status: Open - Remediation
Status Date: 03/27/2003

Global Id: T0609700630
Status: Open - Verification Monitoring
Status Date: 04/30/2007

Global Id: T0609700630
Status: Completed - Case Closed
Status Date: 03/16/2010

LUST REG 1:

Region: 1
Facility ID: 1TSR123
Staff Initials: JAT

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR123

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE LINCOLN MERCURY (Continued)

1000388923

Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

T90
North
1/2-1
0.592 mi.
3127 ft.

BROMLEY PROPERTY
1500 SANTA ROSA
SANTA ROSA, CA 95402

LUST **S102949347**
CPS-SLIC **N/A**
HIST CORTESE
Notify 65

Site 1 of 2 in cluster T

Relative:
Higher
Actual:
151 ft.

LUST:
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700752
Global Id: T0609700752
Latitude: 38.4232730437348
Longitude: -122.712726749599
Status: Completed - Case Closed
Status Date: 01/06/2014
Case Worker: ZZZ
RB Case Number: 1TSR327
Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents
Site History: Former chrome plating facility with gas UST. Tank portion of site being evaluated for no further action. Solvent case active. Note that there is a companion project for non-UST items labeled 1NSR327.

LUST:
Global Id: T0609700752
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700752
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700752
Action Type: RESPONSE
Date: 10/17/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700752

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROMLEY PROPERTY (Continued)

S102949347

Action Type: RESPONSE
Date: 04/30/2004
Action: Soil and Water Investigation Report

Global Id: T0609700752
Action Type: RESPONSE
Date: 11/12/2004
Action: Soil and Water Investigation Workplan

Global Id: T0609700752
Action Type: ENFORCEMENT
Date: 01/06/2014
Action: Closure/No Further Action Letter

Global Id: T0609700752
Action Type: Other
Date: 09/30/1997
Action: Leak Stopped

Global Id: T0609700752
Action Type: ENFORCEMENT
Date: 04/18/2011
Action: Staff Letter

Global Id: T0609700752
Action Type: Other
Date: 09/30/1997
Action: Leak Discovery

Global Id: T0609700752
Action Type: RESPONSE
Date: 04/17/2001
Action: Soil and Water Investigation Workplan

Global Id: T0609700752
Action Type: RESPONSE
Date: 05/04/2001
Action: Soil and Water Investigation Workplan

Global Id: T0609700752
Action Type: RESPONSE
Date: 08/21/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700752
Action Type: RESPONSE
Date: 06/27/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700752
Action Type: RESPONSE
Date: 04/08/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700752
Action Type: ENFORCEMENT
Date: 04/07/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROMLEY PROPERTY (Continued)

S102949347

Action: Staff Letter

Global Id: T0609700752
Action Type: RESPONSE
Date: 06/23/2000
Action: Soil and Water Investigation Workplan

Global Id: T0609700752
Action Type: RESPONSE
Date: 06/06/2001
Action: Soil and Water Investigation Report

Global Id: T0609700752
Action Type: RESPONSE
Date: 08/20/2003
Action: Soil and Water Investigation Workplan

Global Id: T0609700752
Action Type: ENFORCEMENT
Date: 03/25/2010
Action: Staff Letter

Global Id: T0609700752
Action Type: RESPONSE
Date: 11/04/1997
Action: Other Report / Document

Global Id: T0609700752
Action Type: RESPONSE
Date: 10/02/1998
Action: Preliminary Site Assessment Workplan

Global Id: T0609700752
Action Type: RESPONSE
Date: 05/20/1999
Action: Preliminary Site Assessment Report

Global Id: T0609700752
Action Type: RESPONSE
Date: 03/26/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700752
Action Type: ENFORCEMENT
Date: 08/27/2002
Action: Staff Letter

Global Id: T0609700752
Action Type: ENFORCEMENT
Date: 02/04/2013
Action: Staff Letter

Global Id: T0609700752
Action Type: ENFORCEMENT
Date: 12/20/2004
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROMLEY PROPERTY (Continued)

S102949347

Global Id:	T0609700752
Action Type:	ENFORCEMENT
Date:	08/06/1998
Action:	Staff Letter
Global Id:	T0609700752
Action Type:	ENFORCEMENT
Date:	09/30/1997
Action:	Staff Letter
Global Id:	T0609700752
Action Type:	ENFORCEMENT
Date:	10/06/1998
Action:	Staff Letter
Global Id:	T0609700752
Action Type:	ENFORCEMENT
Date:	09/20/2000
Action:	Staff Letter
Global Id:	T0609700752
Action Type:	ENFORCEMENT
Date:	03/29/2001
Action:	Meeting
Global Id:	T0609700752
Action Type:	ENFORCEMENT
Date:	02/25/2002
Action:	Staff Letter
Global Id:	T0609700752
Action Type:	ENFORCEMENT
Date:	01/05/2004
Action:	Staff Letter
Global Id:	T0609700752
Action Type:	ENFORCEMENT
Date:	05/24/2011
Action:	Staff Letter
Global Id:	T0609700752
Action Type:	ENFORCEMENT
Date:	02/19/2003
Action:	Warning Letter
Global Id:	T0609700752
Action Type:	RESPONSE
Date:	05/23/2005
Action:	Soil and Water Investigation Report
Global Id:	T0609700752
Action Type:	Other
Date:	09/30/1997
Action:	Leak Reported
Global Id:	T0609700752
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROMLEY PROPERTY (Continued)

S102949347

Date: 02/04/2013
Action: Staff Letter

Global Id: T0609700752
Action Type: ENFORCEMENT
Date: 12/27/2013
Action: Staff Letter

Global Id: T0609700752
Action Type: ENFORCEMENT
Date: 06/22/2004
Action: Staff Letter

LUST:

Global Id: T0609700752
Status: Open - Case Begin Date
Status Date: 09/30/1997

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 11/04/1997

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 10/02/1998

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 10/06/1998

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 12/02/1998

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 05/20/1999

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 06/23/2000

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 09/20/2000

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 04/17/2001

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 05/04/2001

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 06/27/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROMLEY PROPERTY (Continued)

S102949347

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 08/20/2003

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 11/12/2004

Global Id: T0609700752
Status: Open - Site Assessment
Status Date: 03/28/2011

Global Id: T0609700752
Status: Open - Eligible for Closure
Status Date: 01/30/2013

Global Id: T0609700752
Status: Completed - Case Closed
Status Date: 01/06/2014

LUST REG 1:

Region: 1
Facility ID: 1TSR327
Staff Initials: JEF

CPS-SLIC:

Region: STATE
Facility Status: Open - Site Assessment
Status Date: 12/29/2010
Global Id: T0609791166
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4232725539603
Longitude: -122.712784409523
Case Type: Cleanup Program Site
Case Worker: JAT
Local Agency: Not reported
RB Case Number: 1NSR327
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents
Site History: Former chrome plating shop with sump and UST. Note there is a companion UST project for this site labeled 1TSR327.

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

SLIC REG 1:

Region: 1
Facility ID: 1NSR327
Staff Initials: JEF

HIST CORTESE:

Region: CORTESE
Facility County Code: 49

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BROMLEY PROPERTY (Continued)

S102949347

Reg By: LTNKA
 Reg Id: 1TSR327

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

U91
SE
1/2-1
0.592 mi.
3128 ft.

MANCINI ESTATE/RUNDELL/HATTON
3373 PETALUMA HILL ROAD
SANTA ROSA, CA 93582
Site 1 of 2 in cluster U

Notify 65 S100179521
N/A

Relative:
Higher
Actual:
144 ft.

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

92
NNE
1/2-1
0.593 mi.
3131 ft.

METAL ENGINEERING
532 ASTON AVE
SANTA ROSA, CA 95404

LUST S101627289
SWEEPS UST N/A
HIST UST
CA FID UST
Notify 65

Relative:
Higher
Actual:
153 ft.

LUST:
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609791118
 Global Id: T0609791118
 Latitude: 38.4232515404296
 Longitude: -122.709968090057
 Status: Completed - Case Closed
 Status Date: 06/10/2014
 Case Worker: ZZZ
 RB Case Number: 1TSR383
 Local Agency: SANTA ROSA, CITY OF
 File Location: Regional Board
 Local Case Number: Not reported
 Potential Media Affect: Aquifer used for drinking water supply, Under Investigation
 Potential Contaminants of Concern: Diesel, Gasoline
 Site History: The underground storage tank site is a welding and metal fabrication shop. There formerly were two underground gasoline tanks at the site. Each tank occupied a separate excavation. One tank was installed in 1973 by a previous owner. The second tank was installed in 1980 by the responsible party. Both underground fuel tanks were removed from the site in February 2001. Soil samples collected from the tank excavations did not reveal the presence of any detectable

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

contaminants of concern. A groundwater sample collected from one of the tank pits (west), however, was found to contain a detectable amount of gasoline contamination. An AUnderground Storage Tank Unauthorized Release Report@ was filed by the Santa Rosa Fire Department on March 25, 2001. In correspondence dated July 19, 2001 the North Coast Region, Regional Water Quality Control Board formally requested submittal of a wordplay for site investigation. Between January and May of 2004 a total of eight groundwater monitoring wells were installed and sampled. The extent of soil and groundwater contamination was determined to be fully characterized. A dual phase extraction system was installed at the site in December 2004 to remediate contaminated soil and groundwater below the site. The remedial system was in operation since early 2005. In December 2006 operation of the remedial system was discontinued pending an evaluation of system effectiveness. During the first quarter of 2008 site remediation based on groundwater extraction was implemented. B-zone monitoring wells were installed in August 2012 to assess the extent and stability of the B-zone aquifer. Assessment of the extent of contamination in the deeper water-bearing zone was completed in 2013.

LUST:

Global Id: T0609791118
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609791118
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 08/12/2008
Action: Staff Letter

Global Id: T0609791118
Action Type: RESPONSE
Date: 07/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609791118
Action Type: RESPONSE
Date: 06/15/2008
Action: Soil and Water Investigation Workplan

Global Id: T0609791118

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

Action Type: RESPONSE
Date: 07/30/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0609791118
Action Type: RESPONSE
Date: 04/27/2012
Action: Soil and Water Investigation Workplan

Global Id: T0609791118
Action Type: RESPONSE
Date: 03/15/2003
Action: Other Workplan

Global Id: T0609791118
Action Type: RESPONSE
Date: 02/10/2014
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 12/29/2010
Action: File review

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 05/08/2008
Action: File review

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 05/14/2008
Action: Staff Letter

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 08/29/2003
Action: Notification - Proposition 65

Global Id: T0609791118
Action Type: RESPONSE
Date: 06/28/2013
Action: Other Report / Document

Global Id: T0609791118
Action Type: RESPONSE
Date: 07/01/2013
Action: Sensitive Receptor Survey Report

Global Id: T0609791118
Action Type: RESPONSE
Date: 07/15/2013
Action: Conceptual Site Model

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 10/15/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

Action: Staff Letter

Global Id: T0609791118
Action Type: RESPONSE
Date: 06/11/2003
Action: Other Workplan

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 09/12/2011
Action: Staff Letter

Global Id: T0609791118
Action Type: REMEDIATION
Date: 02/15/2006
Action: Soil Vapor Extraction (SVE)

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 03/15/2007
Action: Staff Letter

Global Id: T0609791118
Action Type: RESPONSE
Date: 05/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609791118
Action Type: RESPONSE
Date: 12/31/2012
Action: Other Report / Document

Global Id: T0609791118
Action Type: RESPONSE
Date: 12/31/2012
Action: Monitoring Report - Other

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 08/21/2008
Action: Staff Letter

Global Id: T0609791118
Action Type: REMEDIATION
Date: 12/15/2004
Action: Soil Vapor Extraction (SVE)

Global Id: T0609791118
Action Type: RESPONSE
Date: 06/14/2007
Action: Other Report / Document

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 02/18/2014
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

Global Id: T0609791118
Action Type: RESPONSE
Date: 12/16/2013
Action: Correspondence

Global Id: T0609791118
Action Type: REMEDIATION
Date: 01/01/2004
Action: Pump & Treat (P&T) Groundwater

Global Id: T0609791118
Action Type: RESPONSE
Date: 08/30/2004
Action: Interim Remedial Action Plan

Global Id: T0609791118
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609791118
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609791118
Action Type: RESPONSE
Date: 04/07/2014
Action: Request for Closure - Regulator Responded

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 07/16/2013
Action: Verbal Enforcement

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 10/26/2012
Action: Verbal Enforcement

Global Id: T0609791118
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0609791118
Action Type: RESPONSE
Date: 01/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0609791118
Action Type: RESPONSE
Date: 08/30/2009
Action: Soil and Water Investigation Report

Global Id: T0609791118
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

Date: 11/25/2013
Action: Soil and Water Investigation Report

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 05/29/2009
Action: Staff Letter

Global Id: T0609791118
Action Type: RESPONSE
Date: 01/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609791118
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 10/11/2007
Action: Staff Letter

Global Id: T0609791118
Action Type: RESPONSE
Date: 10/31/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609791118
Action Type: RESPONSE
Date: 02/07/2007
Action: Remedial Progress Report

Global Id: T0609791118
Action Type: RESPONSE
Date: 10/01/2007
Action: Unknown

Global Id: T0609791118
Action Type: RESPONSE
Date: 09/15/2003
Action: Other Workplan

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 01/19/2007
Action: Staff Letter

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 11/08/2007
Action: Staff Letter

Global Id: T0609791118
Action Type: RESPONSE
Date: 10/31/2008
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

Global Id:	T0609791118
Action Type:	RESPONSE
Date:	04/21/2014
Action:	Correspondence
Global Id:	T0609791118
Action Type:	ENFORCEMENT
Date:	08/30/2013
Action:	Staff Letter
Global Id:	T0609791118
Action Type:	Other
Date:	03/06/2001
Action:	Leak Discovery
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	09/17/2004
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	10/31/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0609791118
Action Type:	ENFORCEMENT
Date:	01/27/2003
Action:	Staff Letter
Global Id:	T0609791118
Action Type:	ENFORCEMENT
Date:	06/04/2003
Action:	File review
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	06/06/2013
Action:	Soil and Water Investigation Report
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	04/04/2013
Action:	Correspondence
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	08/30/2004
Action:	Soil and Water Investigation Report
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	12/31/2012
Action:	Conceptual Site Model
Global Id:	T0609791118
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

Date: 01/10/2006
Action: Other Report / Document

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 08/31/2007
Action: Staff Letter

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 03/23/2004
Action: Staff Letter

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 08/17/2004
Action: Staff Letter

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 08/17/2004
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 07/21/2009
Action: Staff Letter

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 07/13/2009
Action: File review

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 11/11/2005
Action: Staff Letter

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 12/22/2006
Action: File review

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 01/27/2006
Action: File review

Global Id: T0609791118
Action Type: RESPONSE
Date: 08/22/2008
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 06/27/2012
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

Global Id:	T0609791118
Action Type:	ENFORCEMENT
Date:	03/04/2013
Action:	Staff Letter
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	11/30/2008
Action:	Soil and Water Investigation Report
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	05/15/2013
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	06/30/2013
Action:	Soil and Water Investigation Workplan - Addendum - Regulator Responded
Global Id:	T0609791118
Action Type:	ENFORCEMENT
Date:	06/10/2014
Action:	Closure/No Further Action Letter
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	07/31/2013
Action:	Soil and Water Investigation Workplan - Addendum - Regulator Responded
Global Id:	T0609791118
Action Type:	Other
Date:	03/23/2001
Action:	Leak Reported
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	11/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0609791118
Action Type:	ENFORCEMENT
Date:	11/01/2002
Action:	Site Visit / Inspection / Sampling
Global Id:	T0609791118
Action Type:	RESPONSE
Date:	01/31/2013
Action:	Monitoring Report - Quarterly
Global Id:	T0609791118
Action Type:	ENFORCEMENT
Date:	08/15/2003
Action:	Staff Letter
Global Id:	T0609791118
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0609791118
Action Type: RESPONSE
Date: 10/31/2007
Action: Other Report / Document

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 03/29/2012
Action: Staff Letter

Global Id: T0609791118
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 11/26/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0609791118
Action Type: ENFORCEMENT
Date: 11/26/2013
Action: Staff Letter

Global Id: T0609791118
Action Type: RESPONSE
Date: 10/01/2007
Action: Soil and Water Investigation Workplan

LUST:

Global Id: T0609791118
Status: Open - Case Begin Date
Status Date: 03/06/2001

Global Id: T0609791118
Status: Open - Site Assessment
Status Date: 06/21/2001

Global Id: T0609791118
Status: Open - Site Assessment
Status Date: 09/24/2001

Global Id: T0609791118
Status: Open - Site Assessment
Status Date: 09/13/2007

Global Id: T0609791118
Status: Open - Remediation
Status Date: 01/03/2008

Global Id: T0609791118
Status: Open - Assessment & Interim Remedial Action
Status Date: 07/01/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

Global Id: T0609791118
Status: Open - Verification Monitoring
Status Date: 03/15/2012

Global Id: T0609791118
Status: Open - Site Assessment
Status Date: 06/27/2012

Global Id: T0609791118
Status: Open - Eligible for Closure
Status Date: 11/21/2013

Global Id: T0609791118
Status: Completed - Case Closed
Status Date: 06/10/2014

SWEEPS UST:

Status: Active
Comp Number: 52958
Number: 9
Board Of Equalization: 44-028325
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-052958-000001
Tank Status: A
Capacity: 900
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: Active
Comp Number: 52958
Number: 9
Board Of Equalization: 44-028325
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-052958-000002
Tank Status: A
Capacity: 1200
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:

File Number: 00021985
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021985.pdf>
Region: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

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: 49003800
Regulated By: UTNKA
Regulated ID: 00052958
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075453977
Mail To: Not reported
Mailing Address: 532 ASTON AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95404
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

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 ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U93
SE
1/2-1
0.596 mi.
3146 ft.

3375 PETALUMA HILL ROAD
SANTA ROSA, CA 93582

Site 2 of 2 in cluster U

Notify 65 **S100179436**
N/A

Relative:
Lower
Actual:
143 ft.

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

T94
North
1/2-1
0.626 mi.
3306 ft.

TRANSCO TRANSMISSION
1470 SANTA ROSA AVENUE
SANTA ROSA, CA 95404

Site 2 of 2 in cluster T

ENVIROSTOR **U000067576**
LUST **N/A**
HIST CORTESE
Notify 65

Relative:
Higher
Actual:
151 ft.

ENVIROSTOR:
Facility ID: 49340002
Status: Refer: RWQCB
Status Date: 03/25/1995
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
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: 38.42377
Longitude: -122.7125
APN: 038-131-020
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: INDUSTRIAL HARD CHROME
Alias Type: Alternate Name
Alias Name: 038-131-020
Alias Type: APN
Alias Name: 49340002
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: 04/26/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSCO TRANSMISSION (Continued)

U000067576

Comments: SITE SCREENING DONE POSSIBLE ONSITE DISP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/06/1988
Comments: FACILITY IDENTIFIED SONOMA COUNTY EH - HVY MET, ORGANICS DISCH TO CEMENT PAD & SEWER

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

LUST:

Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700634
Global Id: T0609700634
Latitude: 38.4237876505221
Longitude: -122.713062025726
Status: Completed - Case Closed
Status Date: 06/01/2010
Case Worker: ZZZ
RB Case Number: 1TSR131
Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: On site discharges addressed. Case closed. On site migration from adjacent sites; petroleum from the north and solvents from the south. Wells to remain in place for future monitoring by other responsible parties.

LUST:

Global Id: T0609700634
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700634
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSCO TRANSMISSION (Continued)

U000067576

Phone Number: 7075762220

Global Id: T0609700634
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700634
Action Type: ENFORCEMENT
Date: 04/04/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700634
Action Type: ENFORCEMENT
Date: 06/01/2010
Action: Closure/No Further Action Letter

Global Id: T0609700634
Action Type: ENFORCEMENT
Date: 05/15/2003
Action: Meeting

Global Id: T0609700634
Action Type: ENFORCEMENT
Date: 10/01/1993
Action: Staff Letter

Global Id: T0609700634
Action Type: ENFORCEMENT
Date: 02/23/1990
Action: Staff Letter

Global Id: T0609700634
Action Type: ENFORCEMENT
Date: 12/27/1990
Action: Staff Letter

Global Id: T0609700634
Action Type: ENFORCEMENT
Date: 08/11/1995
Action: Staff Letter

Global Id: T0609700634
Action Type: ENFORCEMENT
Date: 08/17/1998
Action: Staff Letter

Global Id: T0609700634
Action Type: RESPONSE
Date: 02/19/1992
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSCO TRANSMISSION (Continued)

U000067576

Global Id:	T0609700634
Action Type:	RESPONSE
Date:	12/22/1993
Action:	Monitoring Report - Quarterly
Global Id:	T0609700634
Action Type:	RESPONSE
Date:	08/10/1993
Action:	Monitoring Report - Quarterly
Global Id:	T0609700634
Action Type:	RESPONSE
Date:	07/13/1995
Action:	Monitoring Report - Quarterly
Global Id:	T0609700634
Action Type:	RESPONSE
Date:	02/14/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0609700634
Action Type:	RESPONSE
Date:	05/27/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0609700634
Action Type:	RESPONSE
Date:	08/14/2002
Action:	Request for Closure
Global Id:	T0609700634
Action Type:	RESPONSE
Date:	11/14/2002
Action:	Request for Closure
Global Id:	T0609700634
Action Type:	Other
Date:	01/08/1990
Action:	Leak Discovery
Global Id:	T0609700634
Action Type:	ENFORCEMENT
Date:	11/07/2008
Action:	Staff Letter
Global Id:	T0609700634
Action Type:	ENFORCEMENT
Date:	07/28/2009
Action:	Staff Letter
Global Id:	T0609700634
Action Type:	RESPONSE
Date:	05/17/1990
Action:	Preliminary Site Assessment Workplan
Global Id:	T0609700634
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSCO TRANSMISSION (Continued)

U000067576

Date: 11/20/1990
Action: Preliminary Site Assessment Report

Global Id: T0609700634
Action Type: RESPONSE
Date: 06/13/1991
Action: Soil and Water Investigation Workplan

Global Id: T0609700634
Action Type: RESPONSE
Date: 02/06/1992
Action: Soil and Water Investigation Report

Global Id: T0609700634
Action Type: RESPONSE
Date: 05/24/1996
Action: Soil and Water Investigation Report

Global Id: T0609700634
Action Type: RESPONSE
Date: 09/28/1994
Action: Interim Remedial Action Report

Global Id: T0609700634
Action Type: RESPONSE
Date: 09/27/1995
Action: Soil and Water Investigation Workplan

Global Id: T0609700634
Action Type: RESPONSE
Date: 04/17/1995
Action: Soil and Water Investigation Report

Global Id: T0609700634
Action Type: RESPONSE
Date: 05/08/1991
Action: Monitoring Report - Quarterly

Global Id: T0609700634
Action Type: RESPONSE
Date: 07/24/1991
Action: Monitoring Report - Quarterly

Global Id: T0609700634
Action Type: RESPONSE
Date: 06/18/2007
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0609700634
Action Type: RESPONSE
Date: 05/17/2007
Action: Verbal Communication

Global Id: T0609700634
Action Type: ENFORCEMENT
Date: 06/12/2008
Action: Notification - Public Notice of Case Closure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSCO TRANSMISSION (Continued)

U000067576

Global Id:	T0609700634
Action Type:	RESPONSE
Date:	02/08/1996
Action:	Soil and Water Investigation Report
Global Id:	T0609700634
Action Type:	RESPONSE
Date:	10/11/1991
Action:	Monitoring Report - Quarterly
Global Id:	T0609700634
Action Type:	ENFORCEMENT
Date:	11/07/2009
Action:	Staff Letter
Global Id:	T0609700634
Action Type:	Other
Date:	01/08/1990
Action:	Leak Reported
Global Id:	T0609700634
Action Type:	ENFORCEMENT
Date:	08/26/1999
Action:	Notification - Fee Title Owners Notice
Global Id:	T0609700634
Action Type:	ENFORCEMENT
Date:	01/10/1990
Action:	Notification - Proposition 65
Global Id:	T0609700634
Action Type:	Other
Date:	01/08/1990
Action:	Leak Stopped
Global Id:	T0609700634
Action Type:	ENFORCEMENT
Date:	06/01/2010
Action:	Staff Letter
Global Id:	T0609700634
Action Type:	RESPONSE
Date:	03/11/2008
Action:	Clean Up Fund - 5-Year Review Summary
LUST:	
Global Id:	T0609700634
Status:	Open - Case Begin Date
Status Date:	01/08/1990
Global Id:	T0609700634
Status:	Open - Site Assessment
Status Date:	01/26/1990
Global Id:	T0609700634
Status:	Open - Site Assessment
Status Date:	05/16/1990

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TRANSCO TRANSMISSION (Continued)

U000067576

Global Id: T0609700634
 Status: Open - Site Assessment
 Status Date: 07/12/1990

Global Id: T0609700634
 Status: Open - Site Assessment
 Status Date: 02/08/1996

Global Id: T0609700634
 Status: Open - Verification Monitoring
 Status Date: 08/17/1998

Global Id: T0609700634
 Status: Open - Remediation
 Status Date: 06/18/2007

Global Id: T0609700634
 Status: Open - Remediation
 Status Date: 06/27/2007

Global Id: T0609700634
 Status: Completed - Case Closed
 Status Date: 06/01/2010

Global Id: T0609700634
 Status: Open - Remediation
 Status Date: 06/01/2010

HIST CORTESE:

Region: CORTESE
 Facility County Code: 49
 Reg By: LTNKA
 Reg Id: 1TSR131

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

95
South
1/2-1
0.642 mi.
3392 ft.

GOLDEN TECHNOLOGY SITE
3017 AND 3019 SANTA ROSA AVENUE
SANTA ROSA, CA 95407

RESPONSE **S102008403**
ENVIROSTOR **N/A**
HIST Cal-Sites
DEED

Relative:
Lower
Actual:
122 ft.

RESPONSE:
 Facility ID: 49390001
 Site Type: State Response
 Site Type Detail: State Response ERAP
 Acres: 2.9
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Jessica Tibor
Supervisor: Julie Pettijohn
Division Branch: Cleanup Berkeley
Site Code: 290001
Site Mgmt. Req.: DAY, ELD, HOS, LUC, GW, OIL, NOWN, SCH, FOOD, RES, DAY, ELD, HOS, LUC, GW, OIL, NOWN, SCH, FOOD, RES

Assembly: 10
Senate: 02
Special Program Status: Designation of Single Agency
Status: Active
Status Date: 06/25/1996
Restricted Use: YES
Funding: Responsible Party
Latitude: 38.40432
Longitude: -122.7149
APN: 043132032, 043132051
Past Use: MANUFACTURING - ELECTRONIC
Potential COC : Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Confirmed COC: Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Potential Description: AQUI, OTH, SOIL
Alias Name: GOLDEN TECHNOLOGY
Alias Type: Alternate Name
Alias Name: 043132032
Alias Type: APN
Alias Name: 043132051
Alias Type: APN
Alias Name: 110033620623
Alias Type: EPA (FRS #)
Alias Name: T0609793165
Alias Type: GeoTracker Global ID
Alias Name: 43-132-32
Alias Type: Historical APN
Alias Name: 43-132-45
Alias Type: Historical APN
Alias Name: 43-132-46
Alias Type: Historical APN
Alias Name: 43-132-47
Alias Type: Historical APN
Alias Name: 43-132-48
Alias Type: Historical APN
Alias Name: 43-132-49
Alias Type: Historical APN
Alias Name: 43-132-50
Alias Type: Historical APN
Alias Name: 202050
Alias Type: Project Code (Site Code)
Alias Name: 202118
Alias Type: Project Code (Site Code)
Alias Name: 290001
Alias Type: Project Code (Site Code)
Alias Name: 49390001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Date: 06/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 10/08/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 02/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Allocation of Liability for SB 923 Sites
Completed Date: 06/30/2010
Comments: Apportionment of Liability, for the groundwater RAP, was issued 6/30/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 02/21/2011
Comments: Monitoring report was received by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2011
Comments: Monitoring report was accepted by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/05/2012
Comments: Email from DTSC project manager approving October 2016 Monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/12/2013
Comments: DTSC approval letter for revised March 2017 semi-annual monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Date: 09/09/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/21/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/08/2004
Comments: Approved design for the soil RAP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 10/08/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 05/09/1997
Comments: Approved Public Participation Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/24/1996
Comments: The Preliminary Endangerment Assessment (PEA) indicates that metals and trichloroethylene (TCE) are present in onsite soil and TCE and PCE are present in groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/10/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 02/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/30/2010
Comments: The remedy identified in the RAP is GW treatment using Enhanced Reductive Dechlorination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Date: 09/14/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/29/2006
Comments: Document accepted with comments to be addressed in the next monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/11/2006
Comments: Letter sent out approving report, requiring further evaluation of the HRC treatability study, and requiring schedule for the Feasibility Study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/03/2006
Comments: No significant comments; report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/20/2006
Comments: Report accepted, no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/30/2006
Comments: DTSC determined that no further action is required for vadose zone soil following completion of the soil excavation and the execution of deed restrictions. The groundwater investigation is still ongoing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 06/23/2006
Comments: The workplan failed to include the installation of lower aquifer monitoring wells to help bound the plume. Therefore, DTSC required that monitoring wells be installed and sampled. A report documenting these actions is required no later than October 31, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/12/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/07/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Comments: Bio-Trap samplers installed 10/5/06 and removed 11/7/06 for a total of approximately 33 days in place.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/13/2007
Comments: DTSC required submittal of workplan for implementation of the recommended expansion of the HRC treatability study. Workplan to be submitted by 4/20/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/06/2007
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/22/2007
Comments: Report accepted, no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/25/2004
Comments: Waste Discharge Requirements for the In-situ Treatment of VOCs in Groundwater by Enhanced Reductive Dechlorination adopted by the Regional Water Quality Control Board on 8/25/2004.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/02/2007
Comments: Report documents the implementation of the expanded treatability study. HRC injection performed on 7/16/07; Bio-Dechlor Inoculum (BDI) application on 8/17/2007. Third quarter monitoring event sounded 16 onsite and offsite wells on 9/24/2007. 6 shallow and 2 deeper groundwater monitoring wells sampled.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 04/11/2008
Comments: Report documents the installation of MW-LA-05 and MW-LA-06, two lower aquifer wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/11/2008
Comments: Second groundwater monitoring event following implementation of the expanded treatability study. An evaluation of the effectiveness of the expanded treatability study will be included in the next quarterly report, along with a schedule for completion of the groundwater Remedial Action Plan.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/17/2008
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/03/2008
Comments: Fact Sheet announces the public comment period for the draft Groundwater RAP from 11/7/2008 through 12/12/2008; with a public meeting on November 20, 2008 from 6 p.m. to 8:30 p.m.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/31/2008
Comments: Public notice will appear in the Press Democrat on November 7, 2008 announcing the public comment period for the draft Groundwater RAP from 11/7/2008 through 12/12/2008; with a public meeting to be held on November 20, 2008 from 6 p.m. to 8:30 p.m..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/27/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/22/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/03/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/10/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/12/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/30/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/29/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/06/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/11/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2016
Comments: Monitoring report was received by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2016
Comments: Monitoring report was accepted by DTSC.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/09/2017
Comments: Email from DTSC project manager approving October 2016 Monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/16/2017
Comments: DTSC approval letter for revised March 2017 semi-annual monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 09/13/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 11/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 12/24/2010
Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 12/24/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Document Type: *Correspondence - Received
Completed Date: 10/14/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 06/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/27/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/16/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/01/2011
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

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EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/10/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 12/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/26/1998
Comments: DTSC providing oversight for investigation and cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/23/2001
Comments: Referred to DTSC since site is being actively overseen by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/15/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

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Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Date: 04/26/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 08/02/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/14/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 08/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 12/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/15/2017
Comments: Annual Cost Estimate letter for activities occurring between July 1, 2017 and June 30, 2018 with DTSC oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/09/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 09/19/2017
Comments: Internal DTSC Health and Safety form. Hazard Appraisal and

Map ID
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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Recognition Pre-Site Visit Form for DTSC staff visiting the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/05/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/24/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/09/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/18/2017
Comments: DTSC has reviewed and approved the Workplan to investigate trichloroethylene (TCE) vapors beneath the 3017 building.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/28/2017
Comments: DTSC has reviewed and approved the Revised Subsurface Vapor Investigation Report. The Report summarizes the concentrations of chlorinated solvents detected from five soil vapor probes at four feet of depth beneath the 3017 Building. The results from this investigation will be used to propose a Soil Vapor Extraction Pilot Test Workplan for DTSC review and approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/08/2017
Comments: Field work activities for September 2017 include routine semi-annual monitoring (including subslab, groundwater monitoring wells, and indoor air sampling) and additional soil vapor investigation under the 3017 building.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/09/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 04/11/2017
Comments: Approval letter from DTSC Financial Assurance unit for Operation and Maintenance.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/01/2017
Comments: DTSC has approved the September semiannual monitoring report. Concentrations of trichloroethylene and associated breakdown products were within historic ranges in groundwater and subslab vapor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/25/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/24/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Comments: Demand letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/07/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/09/2018
Comments: Email correspondence from the North Coast Regional Water Quality Control Board requesting groundwater samples be analyzed for 1,4 dioxane.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/10/2018
Comments: Notice of building code violations at 3017 Santa Rosa Boulevard by the City of Santa Rosa.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 12/20/2017
Comments: DTSC internal health and safety document so that DTSC staff may visit the site and observe work. Post-work field report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/26/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/01/2016
Comments: Letter and certificate sent to the Site's responsible parties certifying that work conducted under the Expedited Remedial Action Program (ERAP) Agreement is complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/01/2006
Comments: DTSC is currently providing oversight for this project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/20/2017
Comments: Field visit to inspect building foundation after alteration was made without notifying DTSC as required by the Site's land use covenant.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 01/12/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/24/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Conferences for SB 923 Sites
Completed Date: 11/07/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 2061 - Designation
Completed Date: 08/28/1996
Comments: Designated for ERAP pilot program.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 12/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/24/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/24/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 12/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement

Map ID
Direction
Distance
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MAP FINDINGS

Site

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Date: 03/20/1998
Comments: Signed ERAP Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 01/03/1996
Comments: Agreement for review of PEA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 02/26/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 01/13/2011
Comments: Collection Activities Summary Form 1479

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/12/2009
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Design/Implementation Workplan
Future Due Date: 2018
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Public Notice
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2019
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

ENVIROSTOR:

Facility ID: 49390001
Status: Active
Status Date: 06/25/1996
Site Code: 290001
Site Type: State Response

Map ID
Direction
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Site

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Site Type Detailed: State Response ERAP
Acres: 2.9
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Jessica Tibor
Supervisor: Julie Pettijohn
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: Designation of Single Agency
Restricted Use: YES
Site Mgmt Req: DAY, ELD, HOS, LUC, GW, OIL, NOWN, SCH, FOOD, RES, DAY, ELD, HOS, LUC, GW, OIL, NOWN, SCH, FOOD, RES
Funding: Responsible Party
Latitude: 38.40432
Longitude: -122.7149
APN: 043132032, 043132051
Past Use: MANUFACTURING - ELECTRONIC
Potential COC: Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Confirmed COC: Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Potential Description: AQUI, OTH, SOIL
Alias Name: GOLDEN TECHNOLOGY
Alias Type: Alternate Name
Alias Name: 043132032
Alias Type: APN
Alias Name: 043132051
Alias Type: APN
Alias Name: 110033620623
Alias Type: EPA (FRS #)
Alias Name: T0609793165
Alias Type: GeoTracker Global ID
Alias Name: 43-132-32
Alias Type: Historical APN
Alias Name: 43-132-45
Alias Type: Historical APN
Alias Name: 43-132-46
Alias Type: Historical APN
Alias Name: 43-132-47
Alias Type: Historical APN
Alias Name: 43-132-48
Alias Type: Historical APN
Alias Name: 43-132-49
Alias Type: Historical APN
Alias Name: 43-132-50
Alias Type: Historical APN
Alias Name: 202050
Alias Type: Project Code (Site Code)
Alias Name: 202118
Alias Type: Project Code (Site Code)
Alias Name: 290001
Alias Type: Project Code (Site Code)
Alias Name: 49390001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Document Type: Correspondence

Completed Date: 06/30/2010

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: CEQA - Notice of Exemption

Completed Date: 10/08/2004

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Voluntary Cleanup Agreement

Completed Date: 02/22/2016

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Allocation of Liability for SB 923 Sites

Completed Date: 06/30/2010

Comments: Apportionment of Liability, for the groundwater RAP, was issued 6/30/2010.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 02/21/2011

Comments: Monitoring report was received by DTSC.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/21/2011

Comments: Monitoring report was accepted by DTSC.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 11/05/2012

Comments: Email from DTSC project manager approving October 2016 Monitoring report.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/12/2013

Comments: DTSC approval letter for revised March 2017 semi-annual monitoring report.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 10/21/2014

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Map ID
Direction
Distance
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Database(s)

EDR ID Number
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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 09/09/2015

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Other Report

Completed Date: 02/21/2013

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Design/Implementation Workplan

Completed Date: 10/08/2004

Comments: Approved design for the soil RAP

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Remedial Action Plan

Completed Date: 10/08/2004

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Public Participation Plan / Community Relations Plan

Completed Date: 05/09/1997

Comments: Approved Public Participation Plan.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 06/24/1996

Comments: The Preliminary Endangerment Assessment (PEA) indicates that metals and trichloroethylene (TCE) are present in onsite soil and TCE and PCE are present in groundwater.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Site Screening

Completed Date: 01/10/1996

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Design/Implementation Workplan

Completed Date: 02/09/2012

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Remedial Action Plan

Completed Date: 06/30/2010

Comments: The remedy identified in the RAP is GW treatment using Enhanced Reductive Dechlorination.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Document Type: Fieldwork
Completed Date: 09/14/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/29/2006
Comments: Document accepted with comments to be addressed in the next monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/11/2006
Comments: Letter sent out approving report, requiring further evaluation of the HRC treatability study, and requiring schedule for the Feasibility Study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/03/2006
Comments: No significant comments; report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/20/2006
Comments: Report accepted, no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/30/2006
Comments: DTSC determined that no further action is required for vadose zone soil following completion of the soil excavation and the execution of deed restrictions. The groundwater investigation is still ongoing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 06/23/2006
Comments: The workplan failed to include the installation of lower aquifer monitoring wells to help bound the plume. Therefore, DTSC required that monitoring wells be installed and sampled. A report documenting these actions is required no later than October 31, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/12/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork

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MAP FINDINGS

Site

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Date: 11/07/2006
Comments: Bio-Trap samplers installed 10/5/06 and removed 11/7/06 for a total of approximately 33 days in place.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/13/2007
Comments: DTSC required submittal of workplan for implementation of the recommended expansion of the HRC treatability study. Workplan to be submitted by 4/20/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/06/2007
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/22/2007
Comments: Report accepted, no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/25/2004
Comments: Waste Discharge Requirements for the In-situ Treatment of VOCs in Groundwater by Enhanced Reductive Dechlorination adopted by the Regional Water Quality Control Board on 8/25/2004.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/02/2007
Comments: Report documents the implementation of the expanded treatability study. HRC injection performed on 7/16/07; Bio-Dechlor Inoculum (BDI) application on 8/17/2007. Third quarter monitoring event sounded 16 onsite and offsite wells on 9/24/2007. 6 shallow and 2 deeper groundwater monitoring wells sampled.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 04/11/2008
Comments: Report documents the installation of MW-LA-05 and MW-LA-06, two lower aquifer wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/11/2008
Comments: Second groundwater monitoring event following implementation of the expanded treatability study. An evaluation of the effectiveness of the expanded treatability study will be included in the next quarterly report, along with a schedule for completion of the

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MAP FINDINGS

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

groundwater Remedial Action Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/17/2008
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/03/2008
Comments: Fact Sheet announces the public comment period for the draft Groundwater RAP from 11/7/2008 through 12/12/2008; with a public meeting on November 20, 2008 from 6 p.m. to 8:30 p.m.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/31/2008
Comments: Public notice will appear in the Press Democrat on November 7, 2008 announcing the public comment period for the draft Groundwater RAP from 11/7/2008 through 12/12/2008; with a public meeting to be held on November 20, 2008 from 6 p.m. to 8:30 p.m..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/27/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/22/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/03/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/10/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/12/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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MAP FINDINGS

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Document Type: Public Notice
Completed Date: 06/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 06/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/29/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/06/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/11/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2016
Comments: Monitoring report was received by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2016
Comments: Monitoring report was accepted by DTSC.

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Site

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/09/2017
Comments: Email from DTSC project manager approving October 2016 Monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/16/2017
Comments: DTSC approval letter for revised March 2017 semi-annual monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 09/13/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 11/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 12/24/2010
Comments: .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 12/24/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/14/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 06/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/27/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/16/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/01/2011

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/10/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 12/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/26/1998
Comments: DTSC providing oversight for investigation and cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/23/2001
Comments: Referred to DTSC since site is being actively overseen by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/15/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/26/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 08/02/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/14/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 08/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 12/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/15/2017
Comments: Annual Cost Estimate letter for activities occurring between July 1, 2017 and June 30, 2018 with DTSC oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/09/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Date: 09/19/2017
Comments: Internal DTSC Health and Safety form. Hazard Appraisal and Recognition Pre-Site Visit Form for DTSC staff visiting the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/05/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/24/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/09/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/06/2015
Comments: Not reported

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/18/2017
Comments: DTSC has reviewed and approved the Workplan to investigate trichloroethylene (TCE) vapors beneath the 3017 building.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/28/2017
Comments: DTSC has reviewed and approved the Revised Subsurface Vapor Investigation Report. The Report summarizes the concentrations of chlorinated solvents detected from five soil vapor probes at four feet of depth beneath the 3017 Building. The results from this investigation will be used to propose a Soil Vapor Extraction Pilot Test Workplan for DTSC review and approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/08/2017
Comments: Field work activities for September 2017 include routine semi-annual monitoring (including subslab, groundwater monitoring wells, and indoor air sampling) and additional soil vapor investigation under the 3017 building.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/09/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 04/11/2017
Comments: Approval letter from DTSC Financial Assurance unit for Operation and Maintenance.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/01/2017
Comments: DTSC has approved the September semiannual monitoring report. Concentrations of trichloroethylene and associated breakdown products were within historic ranges in groundwater and subslab vapor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/25/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Date: 02/24/2012
Comments: Demand letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/07/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/09/2018
Comments: Email correspondence from the North Coast Regional Water Quality Control Board requesting groundwater samples be analyzed for 1,4 dioxane.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/10/2018
Comments: Notice of building code violations at 3017 Santa Rosa Boulevard by the City of Santa Rosa.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 12/20/2017
Comments: DTSC internal health and safety document so that DTSC staff may visit the site and observe work. Post-work field report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/26/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/01/2016
Comments: Letter and certificate sent to the Site's responsible parties certifying that work conducted under the Expedited Remedial Action Program (ERAP) Agreement is complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/01/2006
Comments: DTSC is currently providing oversight for this project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/20/2017
Comments: Field visit to inspect building foundation after alteration was made without notifying DTSC as required by the Site's land use covenant.

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 01/12/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/24/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Conferences for SB 923 Sites
Completed Date: 11/07/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 2061 - Designation
Completed Date: 08/28/1996
Comments: Designated for ERAP pilot program.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 12/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/24/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/24/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 12/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Completed Date: 03/20/1998
Comments: Signed ERAP Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 01/03/1996
Comments: Agreement for review of PEA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 02/26/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 01/13/2011
Comments: Collection Activities Summary Form 1479

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/12/2009
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Design/Implementation Workplan
Future Due Date: 2018
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Public Notice
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2019
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

Calsite:
Region: BERKELEY
Facility ID: 49390001
Facility Type: ERAP
Type: EXPEDITED REMEDIAL ACTION PROGRAM
Branch: NC

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Branch Name: NORTH COAST
File Name: GOLDEN TECHNOLOGY
State Senate District: 06251996
Status: EXPEDITED REMEDIAL ACTION PROGRAM SITES
Status Name: EXPEDITED REMEDIAL ACTION PROGRAM SITES
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not reported
SIC Code: 39
SIC Name: MISCELLANEOUS MANUFACTURING INDUSTRIES
Access: Controlled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: JNAITO
Supervisor Responsible for Site: Not reported
Region Water Control Board: NC
Region Water Control Board Name: NORTH COAST
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 07
State Senate District Code: 02
Facility ID: 49390001
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: SITE
Proposed Budget: 0
AWP Completion Date: 12312004
Revised Due Date: 12312005
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: ERAP
Definition of Status: EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 49390001
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: SOIL
Proposed Budget: 0
AWP Completion Date: 09302004
Revised Due Date: Not reported
Comments Date: 10082004
Est Person-Yrs to complete: 0

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	ERAP
Definition of Status:	EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	49390001
Activity:	DES
Activity Name:	DESIGN
AWP Code:	SOIL
Proposed Budget:	0
AWP Completion Date:	10312004
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	X
Activity Status:	ERAP
Definition of Status:	EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	49390001
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	12312005
Revised Due Date:	12312006
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	ERAP
Definition of Status:	EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 49390001
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 12312006
Revised Due Date: 12312007
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: ERAP
Definition of Status: EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 49390001
Activity: 2061
Activity Name: AB 2061 DESIGNATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08281996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: ERAP
Definition of Status: EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 49390001
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

AWP Code: GW
Proposed Budget: 0
AWP Completion Date: 06302005
Revised Due Date: 07012006
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: ERAP
Definition of Status: EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 49390001
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: PEA
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 01031996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: ERAP
Definition of Status: EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 49390001
Activity: SS
Activity Name: SITE SCREENING
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 01101996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: ERAP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Definition of Status:	EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	49390001
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06241996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	ERAP
Definition of Status:	EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	49390001
Activity:	PRP
Activity Name:	POTENTIAL RESPONSIBLE PARTY SEARCH
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11071996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	ERAP
Definition of Status:	EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 49390001
Activity: CONF
Activity Name: SITE CONFERENCES FOR SB 923 SITES
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 11071996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: ERAP
Definition of Status: EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 49390001
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: EA
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03201998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: ERAP
Definition of Status: EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 49390001
Activity: PPP
Activity Name: PUBLIC PARTICIPATION PLAN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Revised Due Date: Not reported
Comments Date: 05091997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: ERAP
Definition of Status: EXPEDITED REMEDIAL ACTION PROGRAM SITES
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 3017 AND 3019 SANTA ROSA AVENUE
Alternate City,St,Zip: SANTA ROSA, CA 95407
Background Info: The Site is the location of the former Golden Technology facility which manufactured printed circuit boards from 1969 to 1975. Waste generated from facility operations was discharged onsite and included acids, metals, and solvents.
Comments Date: 01031996
Comments: Order issued.
Comments Date: 03201998
Comments: Signed ERAP Agreement.
Comments Date: 05091997
Comments: Approved Public Participation Plan.
Comments Date: 06241996
Comments: The Preliminary Endangerment Assessment (PEA) indicates that
Comments Date: 06241996
Comments: metals and trichloroethylene (TCE) are present in onsite soil
Comments Date: 06241996
Comments: and TCE and PCE are present in groundwater.
Comments Date: 08281996
Comments: Designated for ERAP pilot program.
Comments Date: 10082004
Comments: Approved RAP and Design requiring excavation and off-site
Comments Date: 10082004
Comments: disposal of contaminated soil.
Comments Date: 11071996
Comments: Conducted site conference with appropriate regulatory agencies
Comments Date: 11071996
Comments: and completed PRP search.
ID Name: CALSTARS CODE
ID Value: 290001
Alternate Name: GOLDEN TECHNOLOGY SITE
Alternate Name: GOLDEN TECHNOLOGY
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

DEED:

Envirostor ID: 49390001
Area: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 12/14/2005
File Name: Envirostor Land Use Restrictions

Envirostor ID: 49390001
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 02/24/2016
File Name: Envirostor Land Use Restrictions

Envirostor ID: 49390001
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 02/24/2016
File Name: Envirostor Land Use Restrictions

Envirostor ID: 49390001
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 12/14/2005
File Name: Envirostor Land Use Restrictions

V96
North
1/2-1
0.645 mi.
3406 ft.

RINO GAS
1410 SANTA ROSA AVENUE
SANTA ROSA, CA 93582

Notify 65 S100179621
N/A

Site 1 of 2 in cluster V

Relative:
Higher
Actual:
151 ft.

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
V97 North 1/2-1 0.645 mi. 3406 ft.	RINO GAS 1410 SANTA ROSA AVENUE SANTA ROSA, CA 93582 Site 2 of 2 in cluster V	Notify 65	S100179623 N/A
Relative: Higher	NOTIFY 65: Date Reported: Not reported Staff Initials: Not reported		
Actual: 151 ft.	Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Issue Date: Not reported Incident Description: Not reported		
W98 NNW 1/2-1 0.772 mi. 4074 ft.	RESIDENCE 1267 CORBY AVE SANTA ROSA, CA 95407 Site 1 of 3 in cluster W	Notify 65	S100453866 N/A
Relative: Higher	NOTIFY 65: Date Reported: Not reported Staff Initials: Not reported		
Actual: 148 ft.	Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Issue Date: Not reported Incident Description: Not reported		
W99 NNW 1/2-1 0.772 mi. 4074 ft.	RESIDENCE 1267 CORBY AVE SANTA ROSA, CA 95407 Site 2 of 3 in cluster W	Notify 65	S100562408 N/A
Relative: Higher	NOTIFY 65: Date Reported: 19920729 Staff Initials: crj		
Actual: 148 ft.	Board File Number: 0TZ920002 Facility Type: misc Discharge Date: Not reported Issue Date: Not reported Incident Description: Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.		
W100 NNW 1/2-1 0.772 mi. 4074 ft.	RESIDENCE 1267 CORBY AVE SANTA ROSA, CA 95407 Site 3 of 3 in cluster W	Notify 65	S100453829 N/A
Relative: Higher	NOTIFY 65: Date Reported: 19920729 Staff Initials: crj		
Actual: 148 ft.	Board File Number: 0TZ920002 Facility Type: misc		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S100453829

Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.

101
NNW
1/2-1
0.876 mi.
4626 ft.

SANTA ROSA PLATING WORKS
80 BARHAM AVE
SANTA ROSA, CA 95407

ENVIROSTOR S105754203
N/A

Relative:
Higher
Actual:
146 ft.

ENVIROSTOR:
Facility ID: 49340003
Status: No Further Action
Status Date: 01/07/2000
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Denise Tsuji
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: 38.42628
Longitude: -122.7194
APN: 037-151-028
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 037-151-028
Alias Type: APN
Alias Name: 49340003
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: 05/13/1988
Comments: SITE SCREENING DONE SIC CODE - FORMERLY LOCATED AT 1465 SANTA ROSA AVENUE

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/20/1988
Comments: FACILITY IDENTIFIED IND 1957

Future Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLATING WORKS (Continued)

S105754203

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

102
West
1/2-1
0.882 mi.
4655 ft.

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION
2641 DUTTON MEADOW
SANTA ROSA, CA 95407

ENVIROSTOR **S109548372**
SCH **N/A**

Relative:
Lower
Actual:
121 ft.

ENVIROSTOR:
Facility ID: 60001076
Status: Certified
Status Date: 06/01/2016
Site Code: 204232
Site Type: School Cleanup
Site Type Detailed: School
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Craig Sanchez
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Assembly: 10
Senate: 02
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.41300
Longitude: -122.7300
APN: 043072007
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
Potential COC: Under Investigation Arsenic Benzene Chlordane DDD DDE DDT Endrin
Lead Toxaphene TPH-diesel TPH-gas
Confirmed COC: 30001-NO 30003-NO 30004-NO 30024-NO 30025-NO Under Investigation
30023-NO 30013-NO 30006-NO 30007-NO 30008-NO 30010-NO
Potential Description: SOIL
Alias Name: Meadow View Elementary School Expansion
Alias Type: Alternate Name
Alias Name: Meadow View Elementary School Extension
Alias Type: Alternate Name
Alias Name: 043072007
Alias Type: APN
Alias Name: 204232
Alias Type: Project Code (Site Code)
Alias Name: 60001076
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

Completed Document Type: School Cleanup Agreement
Completed Date: 09/01/2010
Comments: mailed fully executed SCA to District

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/14/2011
Comments: PM received e-mails from PPS, District, and District's consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/19/2012
Comments: CRU to close billing for dormant site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 05/08/2009
Comments: Signed by Perf Mnger 05/8/09

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 04/09/2009
Comments: Received EOA Application and prepared agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/15/2009
Comments: PM requested a PEA-SSI workplan to complete delineation of the contamination identified in the Phase II report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/08/2009
Comments: DTSC approved the PEA workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/13/2010
Comments: PM approved the PEA report with a further action determination. See uploaded approval letter.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/24/2010
Comments: PM received e-mails from PPS, District, and District's consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/15/2011
Comments: PM received e-mails from PPS, District, and District's consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/15/2011
Comments: PM received e-mails from PPS, District, and District's consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/03/2011
Comments: PM received finalized Public Notice (English and Spanish) on 2/23/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/08/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan Amendment
Completed Date: 06/17/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/17/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/01/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

Completed Date: 03/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 05/11/2011
Comments: PM prepared and processed inactive letter.

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

SCH:

Facility ID: 60001076
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Craig Sanchez
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Site Code: 204232
Assembly: 10
Senate: 02
Special Program Status: Not reported
Status: Certified
Status Date: 06/01/2016
Restricted Use: NO
Funding: School District
Latitude: 38.41300
Longitude: -122.7300
APN: 043072007
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
Potential COC: Under Investigation, Arsenic, Benzene, Chlordane, DDD, DDE, DDT, Endrin, Lead, Toxaphene, TPH-diesel, TPH-gas
Confirmed COC: 30001-NO, 30003-NO, 30004-NO, 30024-NO, 30025-NO, Under Investigation, 30023-NO, 30013-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO
Potential Description: SOIL
Alias Name: Meadow View Elementary School Expansion
Alias Type: Alternate Name
Alias Name: Meadow View Elementary School Extension
Alias Type: Alternate Name
Alias Name: 043072007
Alias Type: APN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

Alias Name: 204232
Alias Type: Project Code (Site Code)
Alias Name: 60001076
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/01/2010
Comments: mailed fully executed SCA to District

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/14/2011
Comments: PM received e-mails from PPS, District, and District's consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/19/2012
Comments: CRU to close billing for dormant site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 05/08/2009
Comments: Signed by Perf Mnger 05/8/09

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 04/09/2009
Comments: Received EOA Application and prepared agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/15/2009
Comments: PM requested a PEA-SSI workplan to complete delineation of the contamination identified in the Phase II report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/08/2009
Comments: DTSC approved the PEA workplan.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/13/2010
Comments: PM approved the PEA report with a further action determination. See uploaded approval letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/24/2010
Comments: PM received e-mails from PPS, District, and District's consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/15/2011
Comments: PM received e-mails from PPS, District, and District's consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/15/2011
Comments: PM received e-mails from PPS, District, and District's consultant stating no comments were received on the Draft RAW. PM approved the RAW for implementation on 4/14/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/03/2011
Comments: PM received finalized Public Notice (English and Spanish) on 2/23/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/08/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan Amendment
Completed Date: 06/17/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/17/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

Completed Document Type: Removal Action Completion Report
Completed Date: 06/01/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 03/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 05/11/2011
Comments: PM prepared and processed inactive letter.

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

103
WNW
1/2-1
0.890 mi.
4700 ft.

ROSELAND UNIVERSITY PREP CHARTER SCHOOL
1777 WEST AVENUE
SANTA ROSA, CA 95407

ENVIROSTOR S105086096
SCH N/A

Relative:
Lower
Actual:
133 ft.

ENVIROSTOR:
Facility ID: 60001798
Status: No Further Action
Status Date: 12/24/2013
Site Code: 204253
Site Type: School Investigation
Site Type Detailed: School
Acres: 1.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Mellan Songco
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Assembly: 07
Senate: 02
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.41926
Longitude: -122.7309
APN: 125-431-023
Past Use: AGRICULTURAL - ORCHARD, DAY CARE FACILITY
Potential COC: Arsenic Chlordane DDD DDE DDT Lead Toxaphene
Confirmed COC: 30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30013-NO No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued)

S105086096

Contaminants found 30023-NO
Potential Description: NMA, SOIL
Alias Name: 125-431-023
Alias Type: APN
Alias Name: 204253
Alias Type: Project Code (Site Code)
Alias Name: 60001798
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/02/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/11/2012
Comments: On October 11, 2012, DTSC conducted a site visit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/24/2012
Comments: Fully executed EOA sent to the District on Dec 24, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/22/2013
Comments: On August 22, 2013, DTSC issued an Agreement Manager Change letter to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/19/2012
Comments: On October 16, 2012, DTSC issued a Phase I disapproval letter with a PEA required determination. The PEA will investigate the site for former agriculture activities (OCPs & arsenic), current structures (lead and OCPs), and pole-mounted transformers (PCBs).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/20/2013
Comments: On May 20, 2013, DTSC approved the PEA workplan for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/13/2013
Comments: On November 13, 2013, DTSC approved the PEA Report with a no further action determination.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued)

S105086096

Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/20/2013
Comments: Not reported

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

SCH:

Facility ID: 60001798
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.8
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Mellan Songco
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Site Code: 204253
Assembly: 07
Senate: 02
Special Program Status: Not reported
Status: No Further Action
Status Date: 12/24/2013
Restricted Use: NO
Funding: School District
Latitude: 38.41926
Longitude: -122.7309
APN: 125-431-023
Past Use: AGRICULTURAL - ORCHARD, DAY CARE FACILITY
Potential COC: Arsenic, Arsenic, Chlordane, DDD, DDE, DDT, Lead, Toxaphene
Confirmed COC: 30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, 30013-NO, No Contaminants found, 30023-NO
Potential Description: NMA, SOIL
Alias Name: 125-431-023
Alias Type: APN
Alias Name: 204253
Alias Type: Project Code (Site Code)
Alias Name: 60001798
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/02/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued)

S105086096

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/11/2012
Comments: On October 11, 2012, DTSC conducted a site visit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/24/2012
Comments: Fully executed EOA sent to the District on Dec 24, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/22/2013
Comments: On August 22, 2013, DTSC issued an Agreement Manager Change letter to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/19/2012
Comments: On October 16, 2012, DTSC issued a Phase I disapproval letter with a PEA required determination. The PEA will investigate the site for former agriculture activities (OCPs & arsenic), current structures (lead and OCPs), and pole-mounted transformers (PCBs).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/20/2013
Comments: On May 20, 2013, DTSC approved the PEA workplan for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/13/2013
Comments: On November 13, 2013, DTSC approved the PEA Report with a no further action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/20/2013
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued)

S105086096

Schedule Revised Date: Not reported

104
NNW
1/2-1
0.923 mi.
4873 ft.

SANTA ROSA CIRCUITS
35 AND 48 WEST BARHAM AVENUE
SANTA ROSA, CA 95407

ENVIROSTOR 1000395378
N/A

Relative:
Higher
Actual:
144 ft.

ENVIROSTOR:
Facility ID: 49360001
Status: Refer: RWQCB
Status Date: 03/25/2008
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 38.42629
Longitude: -122.7220
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * OTHER INORGANIC SOLID WASTE
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49360001
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: 03/18/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/25/2008
Comments: Soil cleanup was conducted and approved by the the Santa Rosa Fire Department and the North Coast Water Board on March 23 and March 30, 2005 respectively. Soil was contaminated with motor oil and lead. Groundwater results for volatile organic compounds and selected metals were below the Maximum Contaminant Levels (MCLs).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SANTA ROSA CIRCUITS (Continued)

1000395378

Completed Date: 03/18/1987
 Comments: FACILITY IDENTIFIED INFO ACQUIRED FROM DHS FILES. SITE SCREENING DONE
 MORE INFO NEEDED TO DETERMINE THE HAZARD POTENTIAL. CONTACT: EILEEN
 KORTAS FIRE DEPT.,955 SONOMA AVE., SANTA ROSA, CA. (707) 576-5311.

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

105
West
1/2-1
0.953 mi.
5034 ft.

MEADOW VIEW EXPANSION, HEARN AVE. PARCELS
1550 & 1590 HEARN AVENUE
SANTA ROSA, CA 95407

ENVIROSTOR **S115779967**
SCH **N/A**

Relative:
Lower
Actual:
122 ft.

ENVIROSTOR:
 Facility ID: 60001963
 Status: Inactive - Withdrawn
 Status Date: 04/09/2015
 Site Code: 204260
 Site Type: School Investigation
 Site Type Detailed: School
 Acres: 6.9
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Jose Salcedo
 Supervisor: Jose Salcedo
 Division Branch: Northern California Schools & Santa Susana
 Assembly: 10
 Senate: 02
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: School District
 Latitude: 38.41375
 Longitude: -122.7309
 APN: 043072014, 043072015
 Past Use: AGRICULTURAL - ROW CROPS
 Potential COC: Under Investigation
 Confirmed COC: Under Investigation
 Potential Description: SOIL
 Alias Name: 043072014
 Alias Type: APN
 Alias Name: 043072015
 Alias Type: APN
 Alias Name: 204260
 Alias Type: Project Code (Site Code)
 Alias Name: 60001963
 Alias Type: Envirostor ID Number

Completed Info:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOW VIEW EXPANSION, HEARN AVE. PARCELS (Continued)

S115779967

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 01/24/2014
Comments: EOA signed by UC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 06/18/2014
Comments: Not reported

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

SCH:

Facility ID: 60001963
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 6.9
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Jose Salcedo
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Site Code: 204260
Assembly: 10
Senate: 02
Special Program Status: Not reported
Status: Inactive - Withdrawn
Status Date: 04/09/2015
Restricted Use: NO
Funding: School District
Latitude: 38.41375
Longitude: -122.7309
APN: 043072014, 043072015
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Under Investigation
Confirmed COC: Under Investigation
Potential Description: SOIL
Alias Name: 043072014
Alias Type: APN
Alias Name: 043072015
Alias Type: APN
Alias Name: 204260
Alias Type: Project Code (Site Code)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOW VIEW EXPANSION, HEARN AVE. PARCELS (Continued)

S115779967

Alias Name: 60001963
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 01/24/2014
Comments: EOA signed by UC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 06/18/2014
Comments: Not reported

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

106
North
1/2-1
0.959 mi.
5066 ft.

Relative:
Higher

Actual:
156 ft.

TORVICK INC
1015 SANTA ROSA AVE
SANTA ROSA, CA 95407

RCRA-SQG **1000432904**
LUST **CAD982012114**
FINDS
ECHO
HAZNET
HIST CORTESE
Notify 65

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: TORVICK INC
Facility address: 1015 SANTA ROSA AVE
SANTA ROSA, CA 95407
EPA ID: CAD982012114
Mailing address: SANTA ROSA AVE
SANTA ROSA, CA 95407
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: ROBERT C TORVICK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORVICK INC (Continued)

1000432904

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

LUST:

Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700600
Global Id: T0609700600
Latitude: 38.42854
Longitude: -122.713069
Status: Completed - Case Closed
Status Date: 07/29/1998
Case Worker: ZZZ
RB Case Number: 1TSR087
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORVICK INC (Continued)

1000432904

Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Global Id: T0609700600
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700600
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700600
Action Type: Other
Date: 02/07/1989
Action: Leak Discovery

Global Id: T0609700600
Action Type: ENFORCEMENT
Date: 02/27/1989
Action: * Historical Enforcement

Global Id: T0609700600
Action Type: Other
Date: 02/07/1989
Action: Leak Reported

Global Id: T0609700600
Action Type: Other
Date: 02/07/1989
Action: Leak Stopped

LUST:

Global Id: T0609700600
Status: Open - Case Begin Date
Status Date: 02/07/1989

Global Id: T0609700600
Status: Open - Site Assessment
Status Date: 07/24/1989

Global Id: T0609700600
Status: Open - Site Assessment
Status Date: 12/07/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORVICK INC (Continued)

1000432904

Global Id: T0609700600
Status: Open - Site Assessment
Status Date: 01/17/1990

Global Id: T0609700600
Status: Open - Site Assessment
Status Date: 03/06/1996

Global Id: T0609700600
Status: Open - Remediation
Status Date: 07/28/1998

Global Id: T0609700600
Status: Open - Verification Monitoring
Status Date: 07/28/1998

Global Id: T0609700600
Status: Completed - Case Closed
Status Date: 07/29/1998

LUST REG 1:
Region: 1
Facility ID: 1TSR087
Staff Initials: Closed

FINDS:

Registry ID: 110055666186

Environmental Interest/Information System
STATE MASTER

Registry ID: 110002775989

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.

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

ECHO:

Envid: 1000432904
Registry ID: 110002775989
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002775989>

HAZNET:

envid: 1000432904
Year: 1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORVICK INC (Continued)

1000432904

GEPaid: CAD982012114
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1015 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Not reported
TSD EPA ID: CAD083166728
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 8.34000000000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: 1000432904
Year: 1993
GEPaid: CAD982012114
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1015 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.0425
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR087

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
--	------	-------------	--------------------------------

107
North
1/2-1
0.988 mi.
5218 ft.

Relative:
Higher

Actual:
158 ft.

DIBBLES AUTO CENTER LLC DBA DIBBLES COLLISION WORK
965 SANTA ROSA AVE
SANTA ROSA, CA 95404

RCRA-SQG
LUST
SWEEPS UST
HIST UST
CA FID UST
FINDS
HIST CORTESE
Notify 65

RCRA-SQG:

Date form received by agency: 02/14/2005
 Facility name: SONNEN MOTORCARS
 Facility address: 965 SANTA ROSA AVE
 SANTA ROSA, CA 95054
 EPA ID: CAD981659527
 Mailing address: 740 W FRANCISCO BLVD
 SAN RAFAEL, CA 94901
 Contact: JOJI PULIDO
 Contact address: 740 W FRANCISCO BLVD
 SAN RAFAEL, CA 94901
 Contact country: US
 Contact telephone: 415-460-4114
 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: CHARLES NILES
 Owner/operator address: PO BOX 2348
 SANTA ROSA, CA 95405
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 10/20/1993
 Owner/Op end date: Not reported

Owner/operator name: PETER SONNEN
 Owner/operator address: Not reported
 Not reported
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 02/01/2005
 Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIBBLES AUTO CENTER LLC DBA DIBBLES COLLISION WORK (Continued)

1000220394

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: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN 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: 11/27/1996
Site name: ZUMWALT MAGRINI CHEV PLYM JEEP
Classification: Small Quantity Generator

Violation Status: No violations found

LUST:

Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700582
Global Id: T0609700582
Latitude: 38.42903
Longitude: -122.712913
Status: Completed - Case Closed
Status Date: 08/26/1997
Case Worker: ZZZ
RB Case Number: 1TSR060
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIBBLES AUTO CENTER LLC DBA DIBBLES COLLISION WORK (Continued)

1000220394

LUST:

Global Id: T0609700582
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700582
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700582
Action Type: Other
Date: 07/27/1988
Action: Leak Discovery

Global Id: T0609700582
Action Type: ENFORCEMENT
Date: 08/26/1997
Action: * Historical Enforcement

Global Id: T0609700582
Action Type: Other
Date: 07/27/1988
Action: Leak Reported

Global Id: T0609700582
Action Type: Other
Date: 07/27/1988
Action: Leak Stopped

LUST:

Global Id: T0609700582
Status: Open - Case Begin Date
Status Date: 07/27/1988

Global Id: T0609700582
Status: Open - Site Assessment
Status Date: 08/03/1988

Global Id: T0609700582
Status: Open - Site Assessment
Status Date: 07/07/1989

Global Id: T0609700582
Status: Open - Site Assessment
Status Date: 07/27/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIBBLES AUTO CENTER LLC DBA DIBBLES COLLISION WORK (Continued)

1000220394

Global Id: T0609700582
Status: Open - Site Assessment
Status Date: 01/02/1990

Global Id: T0609700582
Status: Open - Remediation
Status Date: 08/25/1997

Global Id: T0609700582
Status: Open - Verification Monitoring
Status Date: 08/25/1997

Global Id: T0609700582
Status: Completed - Case Closed
Status Date: 08/26/1997

LUST REG 1:

Region: 1
Facility ID: 1TSR060
Staff Initials: Closed

SWEEPS UST:

Status: Active
Comp Number: 51801
Number: 9
Board Of Equalization: 44-028317
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-051801-000001
Tank Status: A
Capacity: 575
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: Active
Comp Number: 51801
Number: 9
Board Of Equalization: 44-028317
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-051801-000002
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIBBLES AUTO CENTER LLC DBA DIBBLES COLLISION WORK (Continued)

1000220394

HIST UST:

File Number: 00021C49
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021C49.pdf>
Region: STATE
Facility ID: 00000051801
Facility Type: Other
Other Type: CAR DEALER
Contact Name: CHARLES P. NILES
Telephone: 7075458252
Owner Name: NILES AUTOMOBILE CO.
Owner Address: 965 SANTA ROSA AVE.
Owner City,St,Zip: SANTA ROSA, CA 95404
Total Tanks: 0004

Tank Num: 001
Container Num: 01
Year Installed: Not reported
Tank Capacity: 00000575
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 001
Container Num: 01
Year Installed: Not reported
Tank Capacity: 00000575
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 02
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 02
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 03
Year Installed: 1946
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIBBLES AUTO CENTER LLC DBA DIBBLES COLLISION WORK (Continued)

1000220394

Leak Detection: Visual

Tank Num: 003
Container Num: 03
Year Installed: 1946
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 004
Container Num: 04
Year Installed: 1946
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 004
Container Num: 04
Year Installed: 1946
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

[Click here for Geo Tracker PDF:](#)

CA FID UST:

Facility ID: 49000185
Regulated By: UTNKA
Regulated ID: 00051801
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075458252
Mail To: Not reported
Mailing Address: 965 SANTA ROSA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95404
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: 110055668219

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIBBLES AUTO CENTER LLC DBA DIBBLES COLLISION WORK (Continued)

1000220394

STATE MASTER

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

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR060

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: 18 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SANTA ROSA	S102429807	FAST & EASY MART	REDWOOD HIGHWAY, OLD 5321		LUST
SANTA ROSA	S104163195	STEVENSON EQUIPMENT	REDWOOD HIGHWAY, OLD 3975		LUST
SANTA ROSA	S114683521	SCDOT/DPW SANTA ROSA AVE STMWTR DR	SANTA ROSA AVENUE		RGA LUST
SANTA ROSA	S114683519	SCDOT/DPW SANTA ROSA AVE STMWTR DR	SANTA ROSA AVENUE		RGA LUST
SANTA ROSA	S114682913	SANTA ROSA DPW SEWER-SANTA ROSA AV	SANTA ROSA AVENUE		RGA LUST
SANTA ROSA	S114682911	SANTA ROSA DPW SEWER-SANTA ROSA AV	SANTA ROSA AVENUE		RGA LUST
SANTA ROSA	S114682866	SANTA ROSA CITY - SANTA ROSA AVENU	SANTA ROSA AVENUE		RGA LUST
SANTA ROSA	S114682864	SANTA ROSA CITY - SANTA ROSA AVENU	SANTA ROSA AVENUE		RGA LUST
SANTA ROSA	S104857588	SCDOT/DPW SANTA ROSA AVE STMWTR DR	SANTA ROSA AVENUE	95404	CPS-SLIC
SANTA ROSA	S101316147	SANTA ROSA DPW SEWER-SANTA ROSA AV	SANTA ROSA AVENUE	95404	CPS-SLIC
SANTA ROSA	S101433003	SANTA ROSA CITY - SANTA ROSA AVENU	SANTA ROSA AVENUE	95404	CPS-SLIC
SANTA ROSA	1023369440	SANTA ROSA DPW SEWER-SANTA ROSA AV	SANTA ROSA AVENUE	95404	FINDS
SANTA ROSA	1023297895	SCDOT/DPW SANTA ROSA AVE STMWTR DR	SANTA ROSA AVENUE	95404	FINDS
SANTA ROSA	1023308306	SANTA ROSA CITY - SANTA ROSA AVENU	SANTA ROSA AVENUE	95404	FINDS
SANTA ROSA	S105181110	SIEMER'S NURSERY (FORMER)	TRACY AVE/WIDGEON COURT	0	CPS-SLIC
SANTA ROSA	S114682955	SANTA ROSA PLUME AT YOLANDA	YOLANDA AT SANTA ROSA AVENUE		RGA LUST
SANTA ROSA	S114682954	SANTA ROSA PLUME AT YOLANDA	0 YOLANDA AT SANTA R		RGA LUST
SANTA ROSA	S114682953	SANTA ROSA PLUME AT YOLANDA	YOLANDA AT SANTA ROSA AVENUE		RGA LUST

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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	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: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/06/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 07/16/2018
	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: 01/09/2018	Source: EPA
Date Data Arrived at EDR: 02/06/2018	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/30/2018
	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: 01/09/2018	Source: EPA
Date Data Arrived at EDR: 02/06/2018	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/30/2018
	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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	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: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	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: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	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: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	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: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

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: 02/16/2018	Source: Department of the Navy
Date Data Arrived at EDR: 02/22/2018	Telephone: 843-820-7326
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/09/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/27/2018
	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: 02/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	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: 02/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	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: 01/16/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 63

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

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: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
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: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
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: 02/12/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 48

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Leaking Underground Fuel Tank Report (GEOTRACKER)

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: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: see region list
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 03/14/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/25/2018
	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 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 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 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 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: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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: 09/30/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
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: 10/24/2017	Source: EPA Region 10
Date Data Arrived at EDR: 01/23/2018	Telephone: 206-553-2857
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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: 10/14/2017	Source: EPA Region 1
Date Data Arrived at EDR: 01/23/2018	Telephone: 617-918-1313
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	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: 10/14/2017	Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018	Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/16/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	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: 01/06/2018	Source: EPA Region 6
Date Data Arrived at EDR: 01/23/2018	Telephone: 214-665-6597
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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: 10/16/2017	Source: EPA, Region 5
Date Data Arrived at EDR: 01/23/2018	Telephone: 312-886-7439
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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

Date of Government Version: 10/12/2017	Source: EPA Region 7
Date Data Arrived at EDR: 01/23/2018	Telephone: 913-551-7003
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/25/2018
	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: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 15

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/21/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

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: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
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: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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: 01/13/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/24/2017	Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017	Telephone: 214-665-7591
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 05/18/2018
Number of Days to Update: 134	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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: 09/30/2017	Source: EPA Region 9
Date Data Arrived at EDR: 01/23/2018	Telephone: 415-972-3368
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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: 10/24/2017	Source: EPA Region 10
Date Data Arrived at EDR: 01/23/2018	Telephone: 206-553-2857
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	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: 10/14/2017	Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018	Telephone: 404-562-9424
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/16/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

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: 10/16/2017	Source: EPA Region 5
Date Data Arrived at EDR: 01/23/2018	Telephone: 312-886-6136
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/06/2018
	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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/21/2018
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/09/2018
	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: 01/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/31/2018	Telephone: 916-323-3400
Date Made Active in Reports: 03/19/2018	Last EDR Contact: 05/02/2018
Number of Days to Update: 47	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Quarterly

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: 03/26/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/27/2018	Telephone: 916-323-7905
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

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: 01/19/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-566-2777
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/21/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/02/2018
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/08/2018
Date Data Arrived at EDR: 02/09/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 39

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 08/27/2018
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: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

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: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: No Update Planned

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

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: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/22/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/01/2018	Telephone: 202-307-1000
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/10/2018
	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.

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: 01/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/31/2018	Telephone: 916-323-3400
Date Made Active in Reports: 03/19/2018	Last EDR Contact: 05/02/2018
Number of Days to Update: 47	Next Scheduled EDR Contact: 08/13/2018
	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: 06/30/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/18/2017	Telephone: 916-255-6504
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 05/30/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/23/2018
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
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.

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: 02/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/19/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LIENS: Environmental Liens Listing

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

Date of Government Version: 01/28/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/01/2018	Telephone: 916-323-3400
Date Made Active in Reports: 04/16/2018	Last EDR Contact: 05/31/2018
Number of Days to Update: 46	Next Scheduled EDR Contact: 09/17/2018
	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: 01/09/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2018	Telephone: 202-564-6023
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 94	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Semi-Annually

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: 02/08/2018	Source: DTSC and SWRCB
Date Data Arrived at EDR: 02/08/2018	Telephone: 916-323-3400
Date Made Active in Reports: 02/08/2018	Last EDR Contact: 03/06/2018
Number of Days to Update: 0	Next Scheduled EDR Contact: 06/18/2018
	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: 01/19/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-366-4555
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

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: 02/15/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 02/20/2018	Telephone: 916-845-8400
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 04/24/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LDS: Land Disposal Sites Listing (GEOTRACKER)

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: 03/12/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

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: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Quarterly

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: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

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: 05/25/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/03/2018
	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: 888-275-8747
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
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
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: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
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.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2018
Next Scheduled EDR Contact: 08/27/2018
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: 01/11/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
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: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
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: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/23/2018
Next Scheduled EDR Contact: 07/02/2018
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.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
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: 04/09/2018
Next Scheduled EDR Contact: 08/06/2018
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: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 94

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2017	Telephone: 202-564-8600
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 04/20/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/06/2018
	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	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

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: 05/30/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/20/2018
	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: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 04/13/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 07/23/2018
	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: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	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: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	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: 05/03/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

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: 03/09/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/18/2018
	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: 03/06/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/18/2018
	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: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 04/27/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/06/2018
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 01/04/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 99

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/16/2018
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.

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: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
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: 12/31/2017
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 79

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 07/02/2018
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 04/11/2018
Number of Days to Update: 546	Next Scheduled EDR Contact: 07/23/2018
	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: 12/23/2016	Source: Department of Energy
Date Data Arrived at EDR: 12/27/2016	Telephone: 202-586-3559
Date Made Active in Reports: 02/17/2017	Last EDR Contact: 05/07/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/20/2018
	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.

Date of Government Version: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 05/18/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2018	Telephone: 703-603-8787
Date Made Active in Reports: 03/02/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 24	Next Scheduled EDR Contact: 07/16/2018
	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	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 01/25/2018
Date Data Arrived at EDR: 02/28/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 72

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
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.

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: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
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: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

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: 12/20/2017
Date Data Arrived at EDR: 12/21/2017
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 92

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/25/2018
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: 02/21/2018	Source: EPA
Date Data Arrived at EDR: 02/23/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 02/23/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016	Source: Department of Defense
Date Data Arrived at EDR: 10/31/2017	Telephone: 703-704-1564
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 04/13/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-2280
Date Made Active in Reports: 03/02/2018	Last EDR Contact: 03/07/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-0527
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 06/01/2018
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/10/2018
	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: 02/20/2018	Source: EPA
Date Data Arrived at EDR: 02/21/2018	Telephone: 800-385-6164
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 05/23/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989	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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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).

Date of Government Version: 03/26/2018	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 03/27/2018	Telephone: 916-323-3400
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA LIVERMORE-PLEASANTON

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 02/28/2018	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 03/01/2018	Telephone: 925-454-2361
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 05/07/2018
Number of Days to Update: 64	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA SAN FRANCISCO CO

Cupa facilities

Date of Government Version: 04/20/2018	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 04/24/2018	Telephone: 415-252-3896
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 05/02/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Varies

DRYCLEAN AVAQMD: DRYCLEAN AVAQMD

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 03/08/2018	Source: Antelope Valley Air Quality Management District
Date Data Arrived at EDR: 03/13/2018	Telephone: 661-723-8070
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Varies

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: 03/27/2018	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 03/29/2018	Telephone: 916-327-4498
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: DRYCLEAN SOUTH COAST

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/16/2018	Source: South Coast Air Quality Management District
Date Data Arrived at EDR: 03/20/2018	Telephone: 909-396-3211
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 05/22/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 147

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/23/2018
Next Scheduled EDR Contact: 07/02/2018
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: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 54

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
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: 02/14/2018
Date Data Arrived at EDR: 02/16/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 46

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
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.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/12/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
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]. This listing is no longer updated by the state agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
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: 01/08/2018
Date Data Arrived at EDR: 01/09/2018
Date Made Active in Reports: 02/06/2018
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
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: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Quarterly

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: 02/27/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/06/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 04/19/2018
Number of Days to Update: 45

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 03/05/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
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: 03/23/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 07/02/2018
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: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
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: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

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: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
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: 03/21/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Varies

OTHER OIL GAS: OTHER OIL & GAS (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Varies

PROD WATER PONDS: PROD WATER PONDS (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Varies

PROJECT: PROJECT (GEOTRACKER)

Projects sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Varies

NON-CASE INFO: NON-CASE INFO (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Varies

SAMPLING POINT: SAMPLING POINT (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Varies

WELL STIM PROJ: WELL SAMP PROJ (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CIWQS: The California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/05/2018	Telephone: 866-794-4977
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 03/06/2018
Number of Days to Update: 60	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Varies

UIC GEO: UIC GEO (GEOTRACKER)

Underground control injection sites

Date of Government Version: 03/12/2018	Source: State Water Resource Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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: 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

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: 01/09/2018
Date Data Arrived at EDR: 01/11/2018
Date Made Active in Reports: 02/22/2018
Number of Days to Update: 42

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 10

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 01/25/2018
Date Data Arrived at EDR: 01/26/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 47

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/26/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 02/26/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 14

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
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: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/30/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility list

Date of Government Version: 01/05/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 40

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 39

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/30/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

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: 03/01/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 9

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/06/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/30/2018
Number of Days to Update: 53

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/26/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 47

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/08/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 56

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 54

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

KINGS 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: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 02/06/2018
Date Data Arrived at EDR: 02/09/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 33

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

LASSEN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
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: 03/14/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 56

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 01/16/2018
Date Made Active in Reports: 02/14/2018
Number of Days to Update: 29

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 01/17/2018
Date Made Active in Reports: 02/14/2018
Number of Days to Update: 28

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
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: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
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: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
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: 02/21/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 40

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 03/30/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 28

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/12/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 27

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MONO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA Facility List

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 18

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
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: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
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: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 30

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 01/31/2018
Date Data Arrived at EDR: 02/01/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 41

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/05/2018
Date Data Arrived at EDR: 02/13/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 49

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/05/2018
Date Data Arrived at EDR: 02/13/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 35

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2018
Date Data Arrived at EDR: 02/07/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 49

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/19/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 46

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 50

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/19/2018
Next Scheduled EDR Contact: 07/02/2018
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: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/19/2018
Next Scheduled EDR Contact: 07/02/2018
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: 11/02/2017
Date Data Arrived at EDR: 01/03/2018
Date Made Active in Reports: 02/05/2018
Number of Days to Update: 33

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
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: 11/02/2017
Date Data Arrived at EDR: 01/03/2018
Date Made Active in Reports: 02/14/2018
Number of Days to Update: 42

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/17/2017
Number of Days to Update: 14

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

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: 11/30/2017
Date Data Arrived at EDR: 12/01/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 46

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/05/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 40

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Quarterly

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: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/23/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 11

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
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: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
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: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
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: 03/20/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 43

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/25/2018
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: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Cupa Facility List

Cupa facility list

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/20/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
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: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/04/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 42

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 16

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 20

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/22/2018
Next Scheduled EDR Contact: 07/09/2018
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: 04/03/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/09/2018
Number of Days to Update: 33

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/22/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 02/06/2018
Date Data Arrived at EDR: 02/07/2018
Date Made Active in Reports: 03/16/2018
Number of Days to Update: 37

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 01/08/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/30/2018
Number of Days to Update: 29

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facilities

Date of Government Version: 01/26/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 47

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List

Cupa program facilities

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/17/2018
Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/16/2018
Number of Days to Update: 50

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
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: 12/26/2017
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 48

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
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
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
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: 12/26/2017
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 54

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 08/06/2018
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: 02/28/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/30/2018
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 31

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 02/01/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 47

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

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: 01/03/2018	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/14/2018	Telephone: 860-424-3375
Date Made Active in Reports: 03/22/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/11/2017	Telephone: N/A
Date Made Active in Reports: 07/27/2017	Last EDR Contact: 04/23/2018
Number of Days to Update: 107	Next Scheduled EDR Contact: 07/23/2018
	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: 12/31/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/31/2018	Telephone: 518-402-8651
Date Made Active in Reports: 03/09/2018	Last EDR Contact: 05/03/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/25/2017	Telephone: 717-783-8990
Date Made Active in Reports: 09/25/2017	Last EDR Contact: 04/12/2018
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017	Source: Department of Environmental Management
Date Data Arrived at EDR: 02/23/2018	Telephone: 401-222-2797
Date Made Active in Reports: 04/09/2018	Last EDR Contact: 05/21/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 09/03/2018
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Natural Resources
Date Data Arrived at EDR: 04/13/2017	Telephone: N/A
Date Made Active in Reports: 07/14/2017	Last EDR Contact: 03/08/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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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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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NEQ OF SANTA ROSA AVENUE & YOLANDA AVE
NEQ OF SANTA ROSA AVENUE & YOLANDA AVE
SANTA ROSA, CA 95404

TARGET PROPERTY COORDINATES

Latitude (North): 38.414434 - 38° 24' 51.96"
Longitude (West): 122.712726 - 122° 42' 45.81"
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 525079.9
UTM Y (Meters): 4251631.5
Elevation: 144 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5602166 SANTA ROSA, 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).

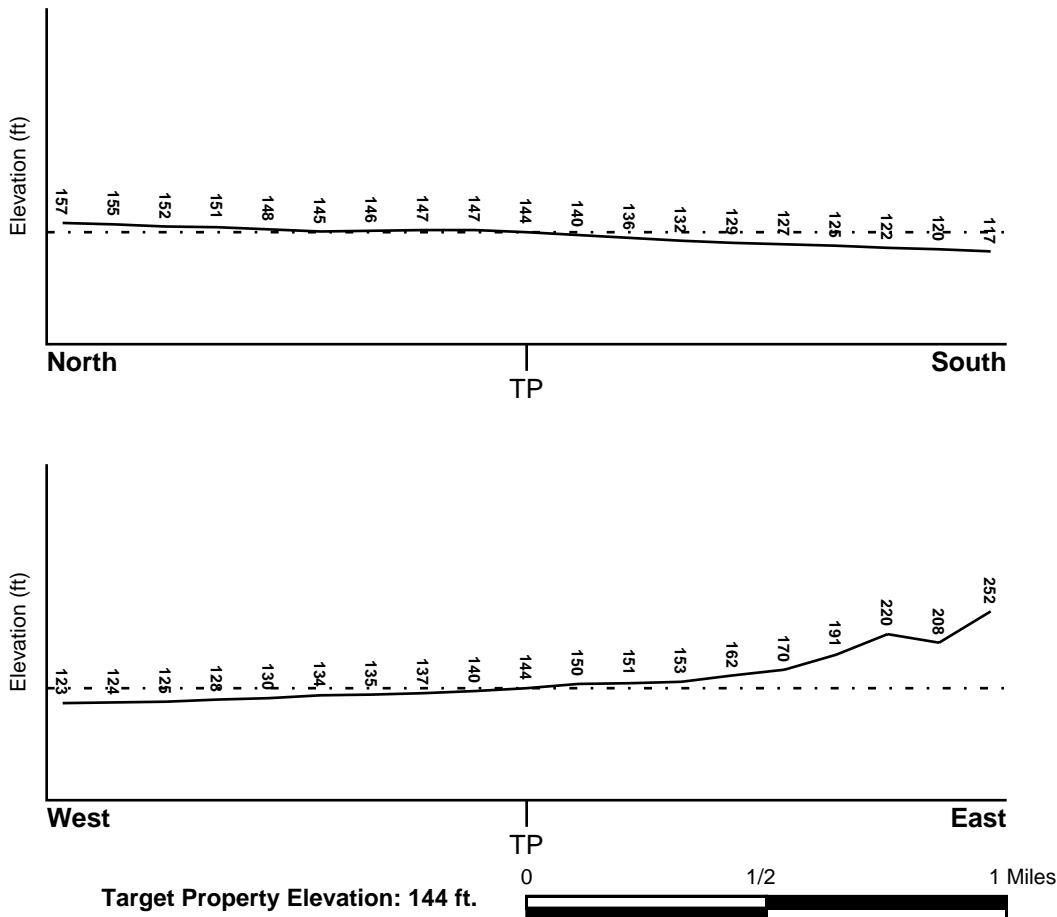
TOPOGRAPHIC INFORMATION

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 SW

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>
06097C0737F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
0603750725B	FEMA Q3 Flood data
06097C0736F	FEMA FIRM Flood data
06097C0738F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
SANTA ROSA	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
Location Relative to TP:	1/2 - 1 Mile South
Site Name:	Golden Technology
Site EPA ID Number:	CAD983644915
Groundwater Flow Direction:	SW TOWARD THE LAGUNA DE SANTA ROSA ON A REGIONAL BASIS WITH VARIATIONS TO THE WEST AND NORTHWEST.
Inferred Depth to Water:	15 feet.
Hydraulic Connection:	The shallow water table aquifer and lower aquifers are interconnected via wells screened in both aquifers.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	0 - 1/8 Mile WSW	Varies
A2	0 - 1/8 Mile NW	Varies
5	0 - 1/8 Mile SE	Varies
B6	1/8 - 1/4 Mile West	S
B7	1/8 - 1/4 Mile West	S
9	1/4 - 1/2 Mile West	Not Reported
C10	1/4 - 1/2 Mile SSW	Not Reported
D14	1/4 - 1/2 Mile South	SW
C15	1/4 - 1/2 Mile SSW	S
E17	1/2 - 1 Mile North	WNW
G18	1/2 - 1 Mile West	Not Reported
G19	1/2 - 1 Mile West	Varies
21	1/2 - 1 Mile South	N
26	1/2 - 1 Mile NNE	SSW
36	1/2 - 1 Mile NNW	Varies
38	1/2 - 1 Mile North	Not Reported
1G	1/2 - 1 Mile North	Not Reported
2G	1/2 - 1 Mile NNW	Varies
3G	1/2 - 1 Mile NNE	SSW
4G	1/2 - 1 Mile North	WNW
5G	1/2 - 1 Mile West	Not Reported
6G	1/2 - 1 Mile West	Varies
7G	0 - 1/8 Mile NW	Varies
8G	1/8 - 1/4 Mile West	S
9G	1/8 - 1/4 Mile West	S
10G	0 - 1/8 Mile WSW	Varies
11G	1/4 - 1/2 Mile West	Not Reported
12G	0 - 1/8 Mile SE	Varies
13G	1/4 - 1/2 Mile SSW	Not Reported
14G	1/4 - 1/2 Mile SSW	S
15G	1/4 - 1/2 Mile South	SW
16G	1/2 - 1 Mile South	N

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

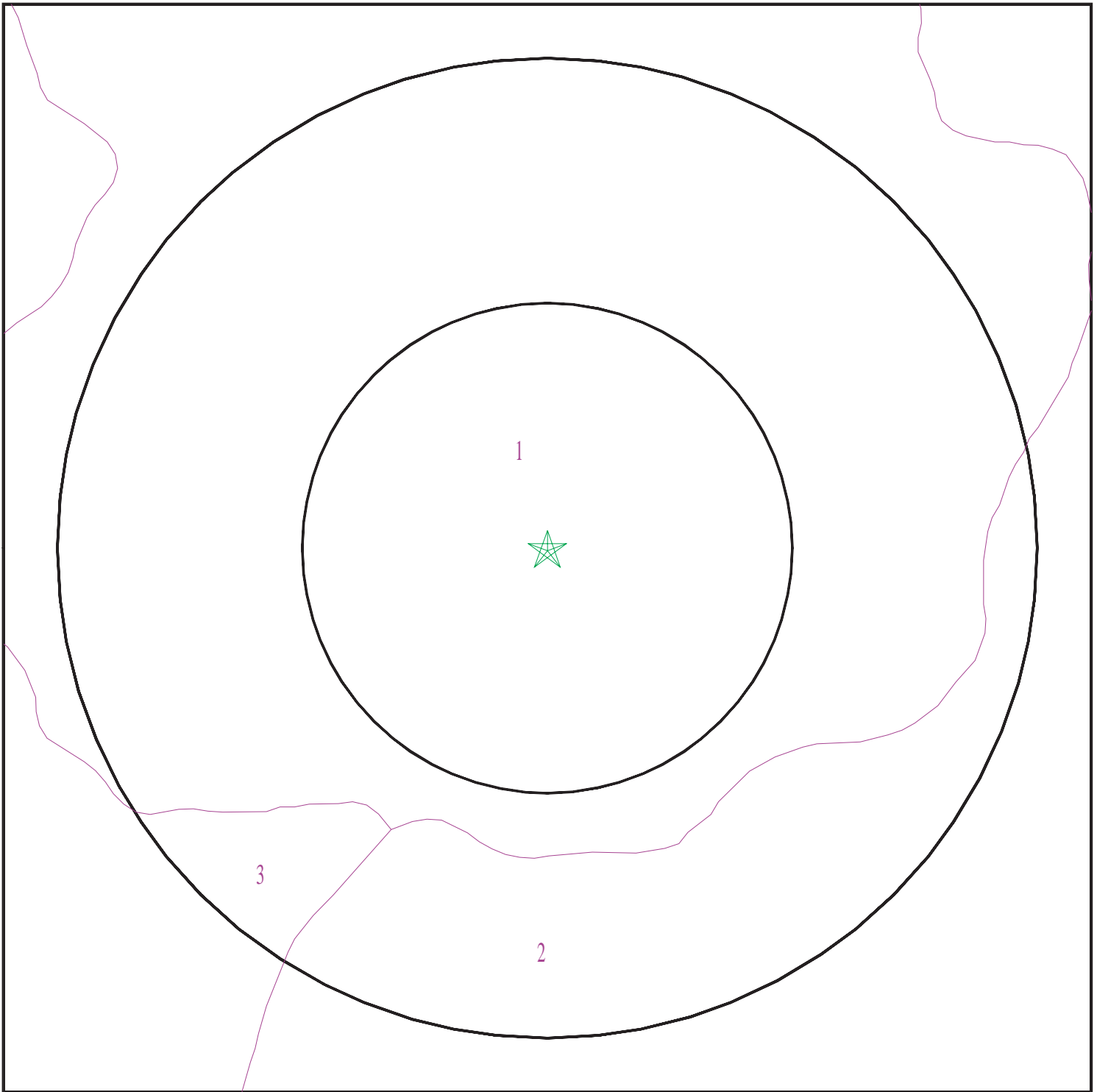
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

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 - 5320493.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: NEQ of Santa Rosa Avenue & Yolanda Ave
ADDRESS: NEQ of Santa Rosa Avenue & Yolanda Ave
Santa Rosa CA 95404
LAT/LONG: 38.414434 / 122.712726

CLIENT: Partner Engineering and Science, Inc.
CONTACT: Krystel Dimmeler
INQUIRY #: 5320493.2s
DATE: June 04, 2018 1:59 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: WRIGHT

Soil Surface Texture: 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: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

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	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 5.1
2	7 inches	25 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 6 Min: 5.1
3	25 inches	61 inches	clay	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: 0.42 Min: 0.01	Max: 7.3 Min: 4.5

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		
4	61 inches	72 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

Soil Map ID: 2

Soil Component Name: CLEAR LAKE

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

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	38 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 5.6
2	38 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: ZAMORA

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

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	5 inches	silty 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: 4 Min: 1.4	Max: 7.3 Min: 6.1
2	5 inches	29 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: 4 Min: 1.4	Max: 7.3 Min: 6.1
3	29 inches	40 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: 4 Min: 1.4	Max: 7.3 Min: 6.6
4	40 inches	55 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.6
5	55 inches	59 inches	gravelly clay	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: 7.3 Min: 6.6

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>
I30	CA4200539	1/2 - 1 Mile South

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

STATE DATABASE WELL INFORMATION

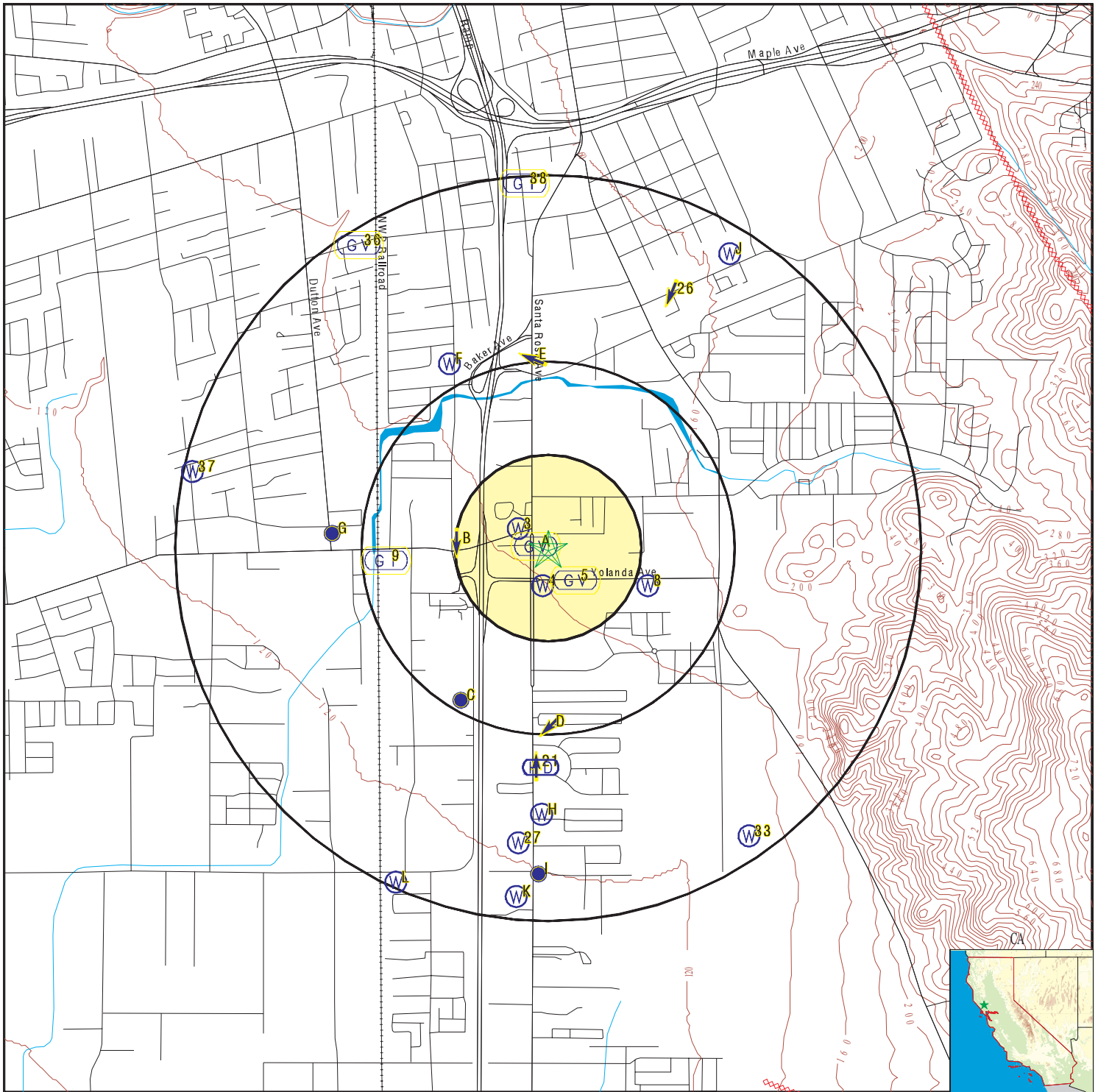
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	7426	0 - 1/8 Mile WNW
4	7427	0 - 1/8 Mile South
8	7428	1/4 - 1/2 Mile ESE
D11	CADW60000019578	1/4 - 1/2 Mile South
E12	7418	1/4 - 1/2 Mile North
D13	7429	1/4 - 1/2 Mile South
F16	7412	1/2 - 1 Mile NNW
F20	CADW60000033872	1/2 - 1 Mile NNW
H22	7430	1/2 - 1 Mile South
H23	7432	1/2 - 1 Mile South
H24	6599	1/2 - 1 Mile South
H25	7433	1/2 - 1 Mile South
27	7431	1/2 - 1 Mile South
I28	7434	1/2 - 1 Mile South
I29	6598	1/2 - 1 Mile South
J31	7410	1/2 - 1 Mile NNE
K32	6604	1/2 - 1 Mile South
33	20484	1/2 - 1 Mile SE
K34	6601	1/2 - 1 Mile South
J35	7411	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

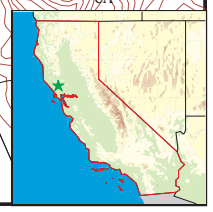
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
37	7417	1/2 - 1 Mile WNW
L39	6607	1/2 - 1 Mile SSW
L40	6605	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 5320493.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- 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: NEQ of Santa Rosa Avenue & Yolanda Ave
 ADDRESS: NEQ of Santa Rosa Avenue & Yolanda Ave
 Santa Rosa CA 95404
 LAT/LONG: 38.414434 / 122.712726

CLIENT: Partner Engineering and Science, Inc.
 CONTACT: Krystel Dimmeler
 INQUIRY #: 5320493.2s
 DATE: June 04, 2018 1:58 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1 WSW 0 - 1/8 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Varies Not Reported Not Reported Not Reported 11/28/1994	AQUIFLOW	70196
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A2 NW 0 - 1/8 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Varies Not Reported Not Reported Not Reported 03/04/1992	AQUIFLOW	70187
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3 WNW 0 - 1/8 Mile Higher			CA WELLS	7426
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Water System Information:

Prime Station Code:	07N/08W-35C02 M	User ID:	RXR
FRDS Number:	4900792001	County:	Sonoma
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382455.0 1224247.0	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 01		
System Number:	4900792		
System Name:	Wayside Gardens Mobile Home Park		
Organization That Operates System:	2389 SANTA ROSA AVE SANTA ROSA, CA 95407		
Pop Served:	75	Connections:	50
Area Served:	Not Reported		
Sample Collected:	29-AUG-12	Findings:	3. UNITS
Chemical:	COLOR		
Sample Collected:	29-AUG-12	Findings:	2. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	29-AUG-12	Findings:	430. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	29-AUG-12	Findings:	7.1
Chemical:	PH, LABORATORY		
Sample Collected:	29-AUG-12	Findings:	140. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	29-AUG-12	Findings:	170. MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	29-AUG-12	Findings:	130. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	29-AUG-12	Findings:	19. MG/L
Chemical:	CALCIUM		
Sample Collected:	29-AUG-12	Findings:	19. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	29-AUG-12	Findings:	32. MG/L
Chemical:	SODIUM		
Sample Collected:	29-AUG-12	Findings:	36. MG/L
Chemical:	CHLORIDE		
Sample Collected:	29-AUG-12	Findings:	9.3 MG/L
Chemical:	SULFATE		
Sample Collected:	29-AUG-12	Findings:	0.24 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	29-AUG-12	Findings:	270. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	29-AUG-12	Findings:	16. MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	29-AUG-12	Findings:	0.6 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	28-JUN-13	Findings:	4.1 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	28-JUN-13	Findings:	2.5 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	28-JUN-13	Findings:	7.31 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	30-SEP-13	Findings:	15. MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	30-SEP-14	Findings:	19. MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	24-JUN-15	Findings:	1.2 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	24-JUN-15	Findings:	1.49 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	25-JUN-15	Findings:	2. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	25-JUN-15	Findings:	530. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	25-JUN-15	Findings:	6.8
Chemical:	PH, LABORATORY		
Sample Collected:	25-JUN-15	Findings:	180. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	25-JUN-15	Findings:	220. MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	25-JUN-15	Findings:	140. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	25-JUN-15	Findings:	18. MG/L
Chemical:	CALCIUM		
Sample Collected:	25-JUN-15	Findings:	23. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	25-JUN-15	Findings:	36. MG/L
Chemical:	SODIUM		
Sample Collected:	25-JUN-15	Findings:	36. MG/L
Chemical:	CHLORIDE		
Sample Collected:	25-JUN-15	Findings:	28. MG/L
Chemical:	SULFATE		
Sample Collected:	25-JUN-15	Findings:	0.24 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	25-JUN-15	Findings:	360. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	25-JUN-15	Findings:	16. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-JUN-15	Findings:	0.2 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	25-JUN-15	Findings:	11.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	27-JUN-16	Findings:	2.6 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	26-JUN-17	Findings:	3.7 MG/L
Chemical:	NITRATE (AS N)		

4
South
0 - 1/8 Mile
Lower

CA WELLS 7427

Water System Information:

Prime Station Code:	07N/08W-35G02 M	User ID:	49C
FRDS Number:	4900814001	County:	Sonoma
District Number:	79	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382447.0 1224243.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	4900814		
System Name:	LYLES TACKLE SHOP		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

5
SE
0 - 1/8 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	Varies
Shallow Water Depth:	14.17
Deep Water Depth:	14.73
Average Water Depth:	Not Reported
Date:	11/02/1998

AQUIFLOW 70265

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B6 West 1/8 - 1/4 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported S 13 23 Not Reported 07/31/1992	AQUIFLOW	54557
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B7 West 1/8 - 1/4 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported S 13 23 Not Reported 07/31/1992	AQUIFLOW	54556
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8 ESE 1/4 - 1/2 Mile Higher			CA WELLS	7428
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Water System Information:

Prime Station Code:	07N/08W-35H02 M	User ID:	RXR
FRDS Number:	4900888001	County:	Sonoma
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382447.0 1224224.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01		
System Number:	4900888		
System Name:	YOLANDA BUSINESS PARK		
Organization That Operates System:	P.O. BOX 639 SANTA ROSA, CA 95402		
Pop Served:	100	Connections:	8
Area Served:	Not Reported		

9 West 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 17 09/02/1998	AQUIFLOW	70957
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C10 SSW 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported 10 20 Not Reported 08/11/1998	AQUIFLOW	70237
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

D11
South
1/4 - 1/2 Mile
Lower

CA WELLS CADW60000019578

Objectid: 19578
 Latitude: 38.4078
 Longitude: -122.7124
 Site code: 384078N1227124W001
 State well numbe: 07N08W35K001M
 Local well name: '07N08W35K001M'
 Well use id: 4
 Well use descrip: Residential
 County id: 49
 County name: Sonoma
 Basin code: '1-55.01'
 Basin desc: Santa Rosa Plain
 Dwr region id: 80236
 Dwr region: North Central Region Office
 Site id: CADW60000019578

E12
North
1/4 - 1/2 Mile
Higher

CA WELLS 7418

Water System Information:

Prime Station Code:	07N/08W-27L01 M	User ID:	49C
FRDS Number:	4900948001	County:	Sonoma
District Number:	79	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382517.0 1224245.0	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 01		
System Number:	4900948		
System Name:	HIDDEN CREEK LODGE		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

D13
South
1/4 - 1/2 Mile
Lower

CA WELLS 7429

Water System Information:

Prime Station Code:	07N/08W-35K02 M	User ID:	RXR
FRDS Number:	4900798001	County:	Sonoma
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382427.0 1224240.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number:	4900798		
System Name:	MOUNTAIN VIEW MOBILE ESTATES		
Organization That Operates System:	2860 SANTA ROSA AVE SANTA ROSA, 95 401		
Pop Served:	225	Connections:	109
Area Served:	Not Reported		
Sample Collected:	15-MAY-12	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	14-MAY-13	Findings:	16. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-JUN-13	Findings:	880. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	18-JUN-13	Findings:	6.6
Chemical:	PH, LABORATORY		
Sample Collected:	18-JUN-13	Findings:	290. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	18-JUN-13	Findings:	290. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	18-JUN-13	Findings:	330. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	18-JUN-13	Findings:	59. MG/L
Chemical:	CALCIUM		
Sample Collected:	18-JUN-13	Findings:	43. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	18-JUN-13	Findings:	82. MG/L
Chemical:	SODIUM		
Sample Collected:	18-JUN-13	Findings:	87. MG/L
Chemical:	CHLORIDE		
Sample Collected:	18-JUN-13	Findings:	35. MG/L
Chemical:	SULFATE		
Sample Collected:	18-JUN-13	Findings:	160. UG/L
Chemical:	BARIUM		
Sample Collected:	18-JUN-13	Findings:	510. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	13-AUG-13	Findings:	1.6 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06-MAY-14	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08-JUL-14	Findings:	0.65 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	15-OCT-14	Findings:	2.1 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	15-OCT-14	Findings:	1.9 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12-MAY-15	Findings:	8.2 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	14-JUL-15	Findings:	2.4 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07-OCT-15	Findings:	3.7 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12-JAN-16	Findings:	3.9 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	20-APR-16	Findings:	4. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04-MAY-16	Findings:	2.7 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	13-JUN-16	Findings:	960. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	13-JUN-16	Findings:	7.18
Chemical:	PH, LABORATORY		
Sample Collected:	13-JUN-16	Findings:	320. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	13-JUN-16	Findings:	320. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	13-JUN-16	Findings:	340. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	13-JUN-16	Findings:	60. MG/L
Chemical:	CALCIUM		
Sample Collected:	13-JUN-16	Findings:	46. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	13-JUN-16	Findings:	84. MG/L
Chemical:	SODIUM		
Sample Collected:	13-JUN-16	Findings:	120. MG/L
Chemical:	CHLORIDE		
Sample Collected:	13-JUN-16	Findings:	38. MG/L
Chemical:	SULFATE		
Sample Collected:	13-JUN-16	Findings:	0.15 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	13-JUN-16	Findings:	160. UG/L
Chemical:	BARIUM		
Sample Collected:	13-JUN-16	Findings:	560. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	13-JUN-16	Findings:	1.61 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	13-JUN-16	Findings:	2.03 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	10-MAY-17	Findings:	2.3 MG/L
Chemical:	NITRATE (AS N)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11-JUL-17	Findings:	4.1 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	25-OCT-17	Findings:	1.8 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	25-OCT-17	Findings:	3. UG/L
Chemical:	TRICHLOROETHYLENE		

D14 South 1/4 - 1/2 Mile Lower	Site ID:	Not Reported		
	Groundwater Flow:	SW	AQUIFLOW	70234
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	25		
	Date:	12/1989		

C15 SSW 1/4 - 1/2 Mile Lower	Site ID:	Not Reported		
	Groundwater Flow:	S	AQUIFLOW	70239
	Shallow Water Depth:	11		
	Deep Water Depth:	14		
	Average Water Depth:	Not Reported		
	Date:	06/26/1998		

F16 NNW 1/2 - 1 Mile Lower			CA WELLS	7412
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Water System Information:

Prime Station Code:	07N/08W-26L02 M	User ID:	RXR
FRDS Number:	4900858001	County:	Sonoma
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	382517.0 1224259.0	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 01		
System Number:	4900858		
System Name:	CORBY AVENUE APARTMENTS		
Organization That Operates System:	800 E. MENDOCINO AVE. SANTA ROSA, CA 95401		
Pop Served:	30	Connections:	12
Area Served:	Not Reported		
Sample Collected:	16-JUN-08	Findings:	3.1 UG/L
Chemical:	ARSENIC		

E17 North 1/2 - 1 Mile Higher	Site ID:	Not Reported		
	Groundwater Flow:	WNW	AQUIFLOW	70215
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	10/02/1990		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

G18 West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 13 12/08/1995	AQUIFLOW	54562
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G19 West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Varies 8 12 Not Reported 05/11/1990	AQUIFLOW	54560
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F20 NNW 1/2 - 1 Mile Higher			CA WELLS	CADW60000033872
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Objectid:	33872
Latitude:	38.4219
Longitude:	-122.7177
Site code:	384219N1227177W001
State well numbe:	07N08W26L002M
Local well name:	'07N08W26L002M'
Well use id:	4
Well use descrip:	Residential
County id:	49
County name:	Sonoma
Basin code:	'1-55.01'
Basin desc:	Santa Rosa Plain
Dwr region id:	80236
Dwr region:	North Central Region Office
Site id:	CADW60000033872

21 South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported N Not Reported Not Reported Not Reported 03/05/1997	AQUIFLOW	70198
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H22 South 1/2 - 1 Mile Lower			CA WELLS	7430
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Water System Information:

Prime Station Code:	07N/08W-35P02 M	User ID:	RXR
FRDS Number:	4900794001	County:	Sonoma
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	382416.0 1224244.0	Precision:	10 Feet (1/10 Second)
Source Name:	OLD SOUTH WELL - INACTIVE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 4900794
 System Name: Sunset Trailer Park
 Organization That Operates System:
 2963 SANTA ROSA AVE.
 SANTA ROSA, CA 95407
 Pop Served: 85
 Area Served: Not Reported
 Connections: 51

H23
South
1/2 - 1 Mile
Lower

CA WELLS 7432

Water System Information:

Prime Station Code: 07N/08W-35Q02 M	User ID: RXR
FRDS Number: 4900799001	County: Sonoma
District Number: 03	Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Abandoned
Source Lat/Long: 382415.0 1224241.0	Precision: 100 Feet (one Second)
Source Name: WELL 01 - ABANDONED	
System Number: 4900799	
System Name: El Portal Mobile Estates	
Organization That Operates System: 3010 SANTA ROSA AVENUE SANTA ROSA, CA 95407	
Pop Served: 250	Connections: 123
Area Served: Not Reported	
Sample Collected: 28-JUN-07	Findings: 0.83 PCI/L
Chemical: GROSS ALPHA COUNTING ERROR	

H24
South
1/2 - 1 Mile
Lower

CA WELLS 6599

Water System Information:

Prime Station Code: 06N/08W-02C03 M	User ID: RXR
FRDS Number: 4900801001	County: Sonoma
District Number: 03	Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Active Raw
Source Lat/Long: 382415.0 1224246.0	Precision: 10 Feet (1/10 Second)
Source Name: WELL 01	
System Number: 4900801	
System Name: LUCAS MOBILE HOME PARK	
Organization That Operates System: 53 SHADY LANE SANTA ROSA, CA 95407	
Pop Served: 38	Connections: 16
Area Served: Not Reported	
Sample Collected: 27-SEP-06	Findings: 450. UG/L
Chemical: MANGANESE	

H25
South
1/2 - 1 Mile
Lower

CA WELLS 7433

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	07N/08W-35Q04 M	User ID:	RXR
FRDS Number:	4900809001	County:	Sonoma
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382414.0 1224241.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01		
System Number:	4900809		
System Name:	El Portal Motel		
Organization That Operates System:	3000 Santa Rosa Ave. Santa Rosa, CA 95401		
Pop Served:	25	Connections:	27
Area Served:	Not Reported		

26 NNE 1/2 - 1 Mile Higher	Site ID:	Not Reported	AQUIFLOW	70985
	Groundwater Flow:	SSW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	10/30/1994		

27 South 1/2 - 1 Mile Lower		CA WELLS	7431
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Water System Information:

Prime Station Code:	07N/08W-35P03 M	User ID:	49C
FRDS Number:	Not Reported	County:	Sonoma
District Number:	79	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382411.0 1224247.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01 SITE 05		
System Number:	4900115		
System Name:	STEVENSON EQUIPMENT CO.		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

I28 South 1/2 - 1 Mile Lower		CA WELLS	7434
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Water System Information:

Prime Station Code:	07N/08W-35Q05 M	User ID:	49C
FRDS Number:	4901121001	County:	Sonoma
District Number:	79	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382408.0 1224243.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01 SITE 07		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number:	4901121		
System Name:	VU LI NIEMAN MHP		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

I29
South
1/2 - 1 Mile
Lower

CA WELLS 6598

Water System Information:

Prime Station Code:	06N/08W-02B02 M	User ID:	49C
FRDS Number:	Not Reported	County:	Sonoma
District Number:	79	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382406.0 1224243.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01 SITE 08		
System Number:	4900118		
System Name:	AUTO WHOLESALE		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

I30
South
1/2 - 1 Mile
Lower

FRDS PWS CA4200539

Epa region:	09	State:	CA
Pwsid:	CA4200539		
Pwsname:	RANCHO OSO		
City served:	Not Reported	State served:	CA
Zip served:	Not Reported	Fips county:	06083
Status:	Active	Pop srvd:	400
Pwsvconn:	40	Source:	Surface_water
Pws type:	TNCWS	Owner:	Private
Contact:	BILL KRZYSTON		
Contact name:	NACO WEST - RANCHO OSO		
Contact phone:	8056835686	Contact address1:	3750 Paradise Road
Contact address2:	Not Reported	Contact city:	SANTA BARBARA
Contact state:	CA	Contact zip:	93105
Activity code:	A		

Facid:	8		
Facname:	TREATMENT PLANT - TREATED		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	disinfection	Treatment process:	hypochlorination, pre
Treatment obj:	particulate removal	Treatment process:	filtered

Facid:	CA4200539008		
Facname:	TREATMENT PLANT		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	disinfection	Treatment process:	hypochlorination, pre

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Treatment obj:	particulate removal	Treatment process:	filtered
Location Information:			
Name:	RANCHO OSO	Primsrccd:	SW
Pwstypcd:	TNCWS		
Popserved:	400		
Add1:	3750 PARADISE ROAD		
Add2:	Not Reported		
City:	SANTA BARBARA	State:	CA
Zip:	93105	Phone:	8056835686
Cityserv:	Not Reported	Cntyserv:	Santa Barbara
Stateserv:	CA	Zip serv:	Not Reported
Enforcement Information:			
Violation id:	0800006	Orig cd:	S
Enf fy:	2008	Enf act date:	09/01/2008
Enf act detail:	St Public Notif requested	Enf act cat:	Informal
Violations Information:			
Violation id:	0800006	Orig cd:	S
State:	CA	Viol fy:	2008
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	22		
Viol name:	MCL, Monthly (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	09/01/2008
Cmpedt:	09/30/2008		
PWS ID:	CA4200539		
Date Initiated:	7706	Date Deactivated:	Not Reported
PWS Name:	RANCHO OSO RESORT RANCHO OSO RESORT STAR RT PO BOX 3076 SANTA BARBARA, CA 93130		
Addressee / Facility:	System Owner/Responsible Party RANCHO OSO RESORT P O BOX 18 BELLEVUE, WA 98009		
Facility Latitude:	38 24 06	Facility Longitude:	122 42 45
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000150

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate:	03/31/2009	Pwsid:	CA4200539
Pwsname:	NACO WEST - RANCHO OSO		
Retpopsrvd:	400	Pwstypecod:	NC
Void:	0800006	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	9/1/2008 0:00:00		
Complperen:	9/30/2008 0:00:00	Enfdate:	9/1/2008 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

CONTACT INFORMATION:

Name:	NACO WEST - RANCHO OSO	Population:	400
Contact:	BILL KRZYSTON	Phone:	Not Reported
Address:	3750 Paradise Road		
Address 2:	SANTA BARBARA CA, 93 80568		

**J31
NNE
1/2 - 1 Mile
Higher**

CA WELLS 7410

Water System Information:

Prime Station Code:	07N/08W-25E03 M	User ID:	RXR
FRDS Number:	4900927001	County:	Sonoma
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	382533.0 1224211.0	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 01		
System Number:	4900927		
System Name:	APARTMENTS 939-963 ASTON		
Organization That Operates System:	945 ASTON AVE. SANTA ROSA, CA 95404		
Pop Served:	45	Connections:	13
Area Served:	Not Reported		

**K32
South
1/2 - 1 Mile
Lower**

CA WELLS 6604

Water System Information:

Prime Station Code:	06N/08W-02C12 M	User ID:	49C
FRDS Number:	Not Reported	County:	Sonoma
District Number:	79	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382404.0 1224248.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01 SITE 06		
System Number:	4900116		
System Name:	SANTA ROSA GRANGE		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

**33
SE
1/2 - 1 Mile
Lower**

CA WELLS 20484

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	4900799-002	User ID:	RXR
FRDS Number:	4900799002	County:	Sonoma
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Standby Raw
Source Lat/Long:	382412.0 1224206.0	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 02 - STANDBY		
System Number:	4900799		
System Name:	El Portal Mobile Estates		
Organization That Operates System:	3010 SANTA ROSA AVENUE SANTA ROSA, CA 95407		
Pop Served:	250	Connections:	123
Area Served:	Not Reported		
Sample Collected:	29-MAR-12	Findings:	6.6 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	28-JUN-12	Findings:	8.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-SEP-12	Findings:	0.87 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	26-DEC-12	Findings:	0.9 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	28-MAR-13	Findings:	0.72 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	27-JUN-13	Findings:	3. UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	27-JUN-13	Findings:	8.8 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	27-JUN-13	Findings:	4.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-SEP-13	Findings:	460. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09-SEP-13	Findings:	7.44
Chemical:	PH, LABORATORY		
Sample Collected:	09-SEP-13	Findings:	140. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	09-SEP-13	Findings:	140. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09-SEP-13	Findings:	160. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	09-SEP-13	Findings:	31. MG/L
Chemical:	CALCIUM		
Sample Collected:	09-SEP-13	Findings:	20. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09-SEP-13	Findings:	31. MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09-SEP-13	Findings:	44. MG/L
Chemical:	CHLORIDE		
Sample Collected:	09-SEP-13	Findings:	7.6 MG/L
Chemical:	SULFATE		
Sample Collected:	09-SEP-13	Findings:	3. UG/L
Chemical:	ARSENIC		
Sample Collected:	09-SEP-13	Findings:	360. UG/L
Chemical:	IRON		
Sample Collected:	09-SEP-13	Findings:	34. UG/L
Chemical:	MANGANESE		
Sample Collected:	09-SEP-13	Findings:	1300. UG/L
Chemical:	ZINC		
Sample Collected:	09-SEP-13	Findings:	88. UG/L
Chemical:	ALUMINUM		
Sample Collected:	09-SEP-13	Findings:	310. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09-SEP-13	Findings:	0.57 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	16-SEP-13	Findings:	0.61 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10-MAR-14	Findings:	1.4 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10-MAR-14	Findings:	5.5 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	27-MAR-14	Findings:	3.9 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02-JUN-14	Findings:	3.3 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02-JUN-14	Findings:	11. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02-JUN-14	Findings:	2.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	30-JUL-14	Findings:	12. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	15-SEP-14	Findings:	3. UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	15-SEP-14	Findings:	11. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01-DEC-14	Findings:	5.5 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01-DEC-14	Findings:	16. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09-MAR-15	Findings:	2.2 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09-MAR-15	Findings:	6.5 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01-JUN-15	Findings:	0.7 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01-JUN-15	Findings:	14. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	15-SEP-15	Findings:	3.2 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	15-SEP-15	Findings:	14. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07-DEC-15	Findings:	2.7 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07-DEC-15	Findings:	18. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	14-MAR-16	Findings:	2. UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	14-MAR-16	Findings:	7.3 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	14-MAR-16	Findings:	1.37 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	14-MAR-16	Findings:	1.5 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	06-JUN-16	Findings:	2.3 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06-JUN-16	Findings:	15. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	19-SEP-16	Findings:	70. UNITS
Chemical:	COLOR		
Sample Collected:	19-SEP-16	Findings:	4. TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	19-SEP-16	Findings:	470. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	19-SEP-16	Findings:	7.22
Chemical:	PH, LABORATORY		
Sample Collected:	19-SEP-16	Findings:	160. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	19-SEP-16	Findings:	160. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	19-SEP-16	Findings:	160. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	19-SEP-16	Findings:	28. MG/L
Chemical:	CALCIUM		
Sample Collected:	19-SEP-16	Findings:	21. MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	19-SEP-16	Findings:	34. MG/L
Chemical:	SODIUM		
Sample Collected:	19-SEP-16	Findings:	54. MG/L
Chemical:	CHLORIDE		
Sample Collected:	19-SEP-16	Findings:	7.4 MG/L
Chemical:	SULFATE		
Sample Collected:	19-SEP-16	Findings:	2.7 UG/L
Chemical:	ARSENIC		
Sample Collected:	19-SEP-16	Findings:	7700. UG/L
Chemical:	IRON		
Sample Collected:	19-SEP-16	Findings:	77. UG/L
Chemical:	MANGANESE		
Sample Collected:	19-SEP-16	Findings:	1100. UG/L
Chemical:	ZINC		
Sample Collected:	19-SEP-16	Findings:	310. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	19-SEP-16	Findings:	110. NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	13-OCT-16	Findings:	2.7 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	13-OCT-16	Findings:	8.5 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	13-DEC-16	Findings:	1.5 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	13-DEC-16	Findings:	7.5 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	13-MAR-17	Findings:	3.5 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	13-MAR-17	Findings:	16. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05-JUN-17	Findings:	0.88 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	05-JUN-17	Findings:	2.8 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05-JUN-17	Findings:	12. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	18-SEP-17	Findings:	3. UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	18-SEP-17	Findings:	13. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04-DEC-17	Findings:	3. UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04-DEC-17	Findings:	13. UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

K34
South
1/2 - 1 Mile
Lower

CA WELLS 6601

Water System Information:

Prime Station Code: 06N/08W-02C09 M	User ID: 49C	49C
FRDS Number: Not Reported	County: Sonoma	Sonoma
District Number: 79	Station Type: WELL/AMBNT/MUN/INTAKE	WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Active Raw	Active Raw
Source Lat/Long: 382403.0 1224247.0	Precision: 100 Feet (one Second)	100 Feet (one Second)
Source Name: WELL 01 SITE 01		
System Number: 4900111		
System Name: MONTE VISTA MOTEL		
Organization That Operates System:		
Not Reported		
Pop Served: Unknown, Small System	Connections: Unknown, Small System	Unknown, Small System
Area Served: Not Reported		

J35
NNE
1/2 - 1 Mile
Higher

CA WELLS 7411

Water System Information:

Prime Station Code: 07N/08W-25E05 M	User ID: RXR	RXR
FRDS Number: 4900926001	County: Sonoma	Sonoma
District Number: 03	Station Type: WELL/AMBNT/MUN/INTAKE	WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Active Untreated	Active Untreated
Source Lat/Long: 382534.0 1224208.0	Precision: 10 Feet (1/10 Second)	10 Feet (1/10 Second)
Source Name: WELL 01		
System Number: 4900926		
System Name: ASTON AVENUE APARTMENTS		
Organization That Operates System:		
P.O. BOX 54		
SANTA ROSA, CA 95401		
Pop Served: 36	Connections: 9	9
Area Served: Not Reported		

36
NNW
1/2 - 1 Mile
Higher

AQUIFLOW 54553

Site ID:	Not Reported
Groundwater Flow:	Varies
Shallow Water Depth:	6.80
Deep Water Depth:	13.73
Average Water Depth:	Not Reported
Date:	08/16/1994

37
WNW
1/2 - 1 Mile
Lower

CA WELLS 7417

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	07N/08W-27G02 M	User ID:	RXR
FRDS Number:	4900834001	County:	Sonoma
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382503.0 1224345.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01		
System Number:	4900834		
System Name:	Chelsea Garden Apartments		
Organization That Operates System:	1220 Mc MINN ST. SANTA ROSA, CA 95407		
Pop Served:	240	Connections:	80
Area Served:	Not Reported		

38 North 1/2 - 1 Mile Higher	Site ID:	Not Reported		
	Groundwater Flow:	Not Reported	AQUIFLOW	70926
	Shallow Water Depth:	14		
	Deep Water Depth:	17		
	Average Water Depth:	Not Reported		
	Date:	02/11/1999		

L39 SSW 1/2 - 1 Mile Lower			CA WELLS	6607
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Water System Information:

Prime Station Code:	06N/08W-02D06 M	User ID:	RXR
FRDS Number:	4900861001	County:	Sonoma
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	382405.0 1224307.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	4900861		
System Name:	TROY-BREEZE WATER SYSTEM		
Organization That Operates System:	166 BELLEVUE AVE. SANTA ROSA, CA 95401		
Pop Served:	25	Connections:	12
Area Served:	Not Reported		
Sample Collected:	24-MAR-15	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		

L40 SSW 1/2 - 1 Mile Lower			CA WELLS	6605
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Water System Information:

Prime Station Code:	06N/08W-02D03 M	User ID:	49C
FRDS Number:	4900942001	County:	Sonoma
District Number:	79	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	382406.0 1224311.0	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 01		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 4900942
 System Name: BELLEVIEW ST WS
 Organization That Operates System:
 Not Reported
 Pop Served: Unknown, Small System Connections: Unknown, Small System
 Area Served: Not Reported

1G
North
1/2 - 1 Mile
Lower

Site ID:	Not Reported		
Groundwater Flow:	Not Reported	AQUIFLOW	70926
Shallow Water Depth:	14		
Deep Water Depth:	17		
Average Water Depth:	Not Reported		
Date:	02/11/1999		

2G
NNW
1/2 - 1 Mile
Lower

Site ID:	Not Reported		
Groundwater Flow:	Varies	AQUIFLOW	54553
Shallow Water Depth:	6.80		
Deep Water Depth:	13.73		
Average Water Depth:	Not Reported		
Date:	08/16/1994		

3G
NNE
1/2 - 1 Mile
Lower

Site ID:	Not Reported		
Groundwater Flow:	SSW	AQUIFLOW	70985
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	Not Reported		
Date:	10/30/1994		

4G
North
1/2 - 1 Mile
Lower

Site ID:	Not Reported		
Groundwater Flow:	WNW	AQUIFLOW	70215
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	Not Reported		
Date:	10/02/1990		

5G
West
1/2 - 1 Mile
Lower

Site ID:	Not Reported		
Groundwater Flow:	Not Reported	AQUIFLOW	54562
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	13		
Date:	12/08/1995		

6G
West
1/2 - 1 Mile
Lower

Site ID:	Not Reported		
Groundwater Flow:	Varies	AQUIFLOW	54560
Shallow Water Depth:	8		
Deep Water Depth:	12		
Average Water Depth:	Not Reported		
Date:	05/11/1990		

7G
NW
0 - 1/8 Mile
Lower

Site ID:	Not Reported		
Groundwater Flow:	Varies	AQUIFLOW	70187
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	Not Reported		
Date:	03/04/1992		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
8G	Site ID:	Not Reported			
West	Groundwater Flow:	S		AQUIFLOW	54557
1/8 - 1/4 Mile	Shallow Water Depth:	13			
Lower	Deep Water Depth:	23			
	Average Water Depth:	Not Reported			
	Date:	07/31/1992			
<hr/>					
9G	Site ID:	Not Reported			
West	Groundwater Flow:	S		AQUIFLOW	54556
1/8 - 1/4 Mile	Shallow Water Depth:	13			
Lower	Deep Water Depth:	23			
	Average Water Depth:	Not Reported			
	Date:	07/31/1992			
<hr/>					
10G	Site ID:	Not Reported			
WSW	Groundwater Flow:	Varies		AQUIFLOW	70196
0 - 1/8 Mile	Shallow Water Depth:	Not Reported			
Lower	Deep Water Depth:	Not Reported			
	Average Water Depth:	Not Reported			
	Date:	11/28/1994			
<hr/>					
11G	Site ID:	Not Reported			
West	Groundwater Flow:	Not Reported		AQUIFLOW	70957
1/4 - 1/2 Mile	Shallow Water Depth:	Not Reported			
Lower	Deep Water Depth:	Not Reported			
	Average Water Depth:	17			
	Date:	09/02/1998			
<hr/>					
12G	Site ID:	Not Reported			
SE	Groundwater Flow:	Varies		AQUIFLOW	70265
0 - 1/8 Mile	Shallow Water Depth:	14.17			
Lower	Deep Water Depth:	14.73			
	Average Water Depth:	Not Reported			
	Date:	11/02/1998			
<hr/>					
13G	Site ID:	Not Reported			
SSW	Groundwater Flow:	Not Reported		AQUIFLOW	70237
1/4 - 1/2 Mile	Shallow Water Depth:	10			
Lower	Deep Water Depth:	20			
	Average Water Depth:	Not Reported			
	Date:	08/11/1998			
<hr/>					
14G	Site ID:	Not Reported			
SSW	Groundwater Flow:	S		AQUIFLOW	70239
1/4 - 1/2 Mile	Shallow Water Depth:	11			
Lower	Deep Water Depth:	14			
	Average Water Depth:	Not Reported			
	Date:	06/26/1998			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

15G	Site ID:	Not Reported		
South	Groundwater Flow:	SW	AQUIFLOW	70234
1/4 - 1/2 Mile	Shallow Water Depth:	Not Reported		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	25		
	Date:	12/1989		

16G	Site ID:	Not Reported		
South	Groundwater Flow:	N	AQUIFLOW	70198
1/2 - 1 Mile	Shallow Water Depth:	Not Reported		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	03/05/1997		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95404	20	1

Federal EPA Radon Zone for SONOMA 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: 95404

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.467 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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 D: QUALIFICATIONS

Education

B.S., Environmental Sciences, Geophysics Track, University of Oregon

Highlights

Phase I Environmental Site Assessments
Transaction Screen Assessments
Environmental Desktop Reports

Experience Summary

Mr. Ahrling serves as a Staff Scientist for Partner Engineering and Science, Inc. (Partner), performing Phase I Environmental Site Assessments in accordance with EPA's All Appropriate Inquiry (AAI) and the American Society of Testing and Materials (ASTM). He has worked as a project assessor on sites involved with initiatives for transfer, sale, and redevelopment. He is timely and client conscious when submitting his reports.

Mr. Ahrling's responsibilities include conducting Freedom of Information Act (FOIA) agency file reviews, detailed site-inspections, in-depth historical reviews, and preparation and submittal of reports. He has conducted numerous projects on high rises, gas stations, research and development labs, and large hotel operations throughout the San Francisco Bay and greater Northern California region. Many of these reports have had known manufacturing/industrial use and associated underground storage tanks.

Project Experience

Lumber Yard, Stockton, California. Mr. Ahrling conducted a Phase I Environmental Site Assessment on a century old lumberyard. As part of the report a large historical and local regulatory agency background on the subject property was performed. He found that the site was not formally used for lumber treatment. In addition, he identified that an adjacent site was directly affecting the subject property with a leaking underground storage tank (UST). Subsequently a Conditional Recognized Environmental Condition (CREC) was recommended for the site.

Gas Station, San Leandro, California. Mr. Ahrling performed a Phase I Environmental Site Assessment for a gas station that was built in the early 1960's.

Hotel, Pacific Grove, California. Mr. Ahrling performed a Phase I Environmental Site Assessment for a large hotel operation in the Monterey County area.

Commercial Shopping Center, Millbrae, California. Mr. Ahrling performed a Phase I Environmental Site Assessment for a large shopping center with over 40 tenants. He identified a past Dry Cleaners that had operated on the site from the early 1950's to the 1990's.

Circuit Board Manufacturing, Santa Clara, California. Mr. Ahrling performed a Phase I Environmental Site Assessment for a large industrial building formerly operating as a circuit board manufacturer and commercial printing business.

Affiliations

University of Oregon Student Alumni Association Member

Contact

rahrling@partneresi.com

Education

Bachelor of Science, Environmental Studies – Science Concentration, Elon University, *cum laude*

Highlights

15 years' experience in the environmental industry

8 years' experience completing in-house environmental risk determinations for major national lending institutions

8 years' experience in real estate due diligence including performing and/or overseeing Phase I Environmental Assessments, Phase II Environmental Assessments, Environmental Transaction Screens

Experience Summary

As a Senior Project Manager at Partner Engineering and Science, Inc. (Partner), Ms. Rudegear effectively manages the completion of single and multi-site environmental due diligence projects encompassing a broad range of property types including retail, office, industrial, hospitality, assisted living and special use. She interfaces directly with bank loan officers, regulatory agencies, attorneys, environmental analysts and numerous borrowers on subjects including environmental compliance and liability as well as contracting and scope of work issues. Ms. Rudegear's banking experience gives her a unique understanding of client's needs and goals.

Environmental Risk Policy

Prior to joining Partner, she served as an Environmental Risk Officer with a major regional retail bank. Her background in environmental science and direct experience in environmental risk management at lending institutions, allows her to effectively develop due diligence solutions. During this time, Ms. Rudegear worked on due diligence projects throughout the continental United States. However, she specialized in procurement and review Phase I Environmental Site Assessments, Environmental Transaction Screens, Phase II and III Subsurface Investigations, Remediation projects, Asbestos Surveys, Lead-based Paint Surveys, Radon Studies, and Mold Assessments in the Southeast.

Her direct involvement in thousands of real estate transactions qualifies her to differentiate between potential concerns and material risks. Ms. Rudegear has experience working as a team with business lenders, retail lenders, capital markets groups, problems loan administrators and owned real estate managers. She has proven her ability to translate complex environmental issues into language that can keep real estate transactions moving forward.

Ms. Rudegear collaborated in the development of overall environmental risk policy and has prepared educational materials regarding environmental risk and policy for lenders and third party vendors. Specifically, she prepared guidance documentation for SBA lending and a scope of work addendum for loan work out (foreclosure) situations for a national lender.

Project Management

Ms. Rudegear joined the Partner team in May 2010 continues to successfully manage environmental due diligence projects. Ms. Rudegear has managed staff members through the completion of thousands of

environmental due diligence projects. Furthermore, Ms. Rudegear specializes in technically complex property types.

Project Experience

Transatlantic Cable Landing Stations, Nationwide. Successfully managed and performed quality control oversight for the completion of a portfolio of Phase I Environmental Site Assessments in accordance client specific scope of work on Transatlantic Cable Landing Stations in the United States, Canada, Great Britain and Ireland. While many international localities are not required to respond to information requests, Ms. Rudegear oversaw thorough local and regulatory research to comply with the client's scope of work.

Former IBM Manufacturing Facility, Northern California. Successfully managed and performed quality control oversight for the completion of a Phase I Environmental Site Assessment on an approximate 2-acre portion of a 350-acre manufacturing campus planned for redevelopment. In order to determine subject property specific conditions, Ms. Rudegear oversaw the review of numerous release case files for information relevant to investigation and remediation activities conducted on or near the subject property portion of the larger campus.

Various Apartment Complexes, Nationwide. Successfully managed and performed quality control oversight for the completion of numerous Phase I Environmental Site Assessments in accordance with the Fannie Mae scope of work for various apartment complexes throughout the United States.

Industrial Landfill, Allen Park, Michigan. Successfully managed and performed quality control oversight for the completion of a Phase I Environmental Site Assessment, inclusive of an extensive regulatory file review, on a former industrial landfill. The assessment was complicated by a three-dimensional legal description to separate the former landfill from the surface development and a condominium association inclusive of the former landfill.

Historical Trucking Terminal, Kingsport, Tennessee. Successfully managed and performed quality control oversight for the completion of a Phase I Environmental Site Assessment on a historical trucking terminal. Due to limited historical coverage, Ms. Rudegear oversaw thorough local and regulatory research to identify the historical occupant which led to the identification of historical release cases.

Metal Galvanizing Facility, Seattle, Washington. Successfully managed and performed quality control oversight for the completion of a Phase I Environmental Site Assessment on a Comprehensive Environmental Response, Compensation and Liability Information System No Further Remedial Action Planned (NFRAP) site that was also identified as a contributor to the Lower Duwamish Waterway National Priority List (NPL) site. The complex regulatory issues required a thorough evaluation and understanding of risk associated with environmental liabilities.

Gasoline service stations, Nationwide. Conducted, managed, and/or reviewed Phase I Environmental Site Assessments on operating and closed gasoline service stations throughout the continental United States, Alaska, and Hawaii. Conducted extensive reviews of subsurface investigations to evaluate the potential for the presence of residual contamination or undiscovered contamination to remain in place.

Affiliations

Member, Environmental Bankers Association

Speaking

Branch Banking & Trust (BB&T) Environmental Roundtable, 2006-2009 – Ms. Rudegear presented information regarding BB&T's environmental policy, report requirements, and technical issues to third party vendors, colleagues, and peers.

Accolades

1st Place – Risk Management Association, 2010 Annual Paper Writing Contest: Guidance for Environmental Due Diligence in Loan Work Out Situation

Contact

arudegear@partneresi.com

Education

B.A., Environmental Health & Planning and Criminal Justice, University of California, Irvine

Registrations/Training

OSHA 40-Hour Hazwoper Health and Safety Training
EPA Accredited Asbestos Inspector
EPA Accredited Asbestos Management Planner
EPA Accredited Asbestos Abatement/Contractor Supervisor
HUD Map Underwriter Certification – 2004

Highlights

25 years of experience in national environmental due diligence consulting
Phase I Environmental Site Assessments
Phase II Subsurface Soil/Soil Gas Investigations
Property Condition Assessments
Asbestos/Lead-Based Paint Inspections

Experience Summary

Mr. Vaughn currently serves as a National Client Manager with significant environmental and due diligence engineering experience nationwide. Mr. Vaughn's experience includes two former Engineering News-Record Top 500 Design firms and a Fortune 500 firm. His responsibilities include full-phase environmental consulting, national client management, multi-scope contract negotiation/execution, portfolio project management, and technical report quality control. Mr. Vaughn's regional and national expertise compliments the wide variety of Partner projects and client types including prominent fast-food retail chains, attorneys, commercial developers, mortgage bankers, real estate brokers, individual investors, equity/institutional investment groups, and financial lending institutions, including CMBS lenders, SBA lenders, and GSA (Fannie and Freddie) lenders.

Mr. Vaughn has served as an environmental scientist, project manager, or executive senior author on over 20,000 real estate transactions. Mr. Vaughn's due diligence resume includes experience at all levels, advising lenders and real estate investors through the following product types:

- Phase I Environmental Site Assessments
- Phase II Subsurface Investigations
- Phase III Site Characterizations
- Remedial Cost Estimates
- Remediation Design and Implementation
- Environmental Transaction Screens
- Property Condition Assessments
- Probable Maximum Loss Assessments
- Property Condition Evaluations
- Asbestos Surveys
- Lead-Based Surveys

Real estate investors, redevelopment agencies, financial institutions, insurance lenders, and real estate equity funds have come to rely on his advice and judgment to help them with their real estate business decisions. Mr. Vaughn is a dedicated professional who takes pride and pleasure in meeting his client's needs and spearheading and assembling the team with the expertise to handle any issue that may come up during the transaction.

Project Experience

Multi-Site Portfolio, Nationwide. Managed performance and delivery of summary matrix and completed Phase I reports for a 300+-site portfolio of apartments for a large stakeholder group.

Multi-Site Portfolio, Nationwide. Managed a 350+-site portfolio of bank branches for one of the largest bank mergers the mid-1990s.

High Rise Office Building, San Francisco. Worked on one of the largest high rise acquisitions in San Francisco in 2015 to manage pre-acquisition due diligence for equity investor of a high rise office building in downtown San Francisco. Included a Phase I ESA, equity PCA with specialty evaluations of facade, MEP, Fire and Life Safety, Roof, and ADA.

Multi-Site Gas Station Portfolio, California. Managed performance and delivery of complete reports for a 25-site portfolio of gas stations for national lender.

Multi-Site Fast-Food Portfolio, Midwest. Managed the completion of 25 Phase I ESAs located in the Midwest in a 10-business day turnaround.

Affiliations

Environmental Banks Association
National Retail Tenants Association

Speaking

Due Diligence 101, National Retail Tenants Association, Orlando, FL.
Environmental Due Diligence: What You Don't Know Can Hurt You, National Retail Tenants Association, Reno NV.

Contact

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