



AEI Consultants

April 30, 2018 (Revised July 9, 2018)

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Property Identification:

325 Yolanda Avenue & 2532 Santa Rosa Avenue
Santa Rosa, Sonoma County, California 95407

AEI Project No. 387046

Client Provided Site Name: Yolanda

Prepared For:

Wolff Enterprises II, LLC
6710 East Camelback Road, Suite 100
Scottsdale, Arizona 85251

Prepared By:

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Environmental
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April 30, 2018 (Revised July 9, 2018)

Wolff Enterprises II, LLC
6710 East Camelback Road, Suite 100
Scottsdale, Arizona 85251

Subject: PHASE I ENVIRONMENTAL SITE ASSESSMENT
325 Yolanda Avenue & 2532 Santa Rosa Avenue
Santa Rosa, California 95407
AEI Project No. 387046
Client Provided Site Name: Yolanda

Dear Nate Carlson:

AEI Consultants is pleased to provide the *Phase I Environmental Site Assessment (Phase I ESA)* report of the above referenced property. This assessment was authorized and performed in accordance with the scope of services outlined in AEI's contract, the scope and limitations of ASTM Standard Practice E1527-13, and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).

We appreciate the opportunity to provide services to you. If you have any questions concerning this report, or if we may assist you in any other matter, please contact me at (858) 414-5686 or jjohns@aeiconsultants.com.

Sincerely,



Jennifer Johns
Business Development Manager
AEI Consultants

PROJECT SUMMARY

**325 Yolanda Avenue & 2532 Santa Rosa Avenue, Santa Rosa, Sonoma County,
California 95407
AEI Project No. 387046**

Report Section	REC	CREC	HREC	OEC	Recommended Action
1.0					None
2.0				✓	None
3.0				✓	Contact planning department to determine if testing is required for former agricultural properties prior to site redevelopment
4.0		✓			Implement Soil and Groundwater Management Plan during the planned redevelopment
5.0	✓	✓			CREC: See above REC: Additional soil vapor testing and/or installation of vapor barrier and mitigating system during construction
6.0		✓			See above
7.0				✓	Properly decommission on-site water supply well if not planned for future use
8.1				✓	Asbestos Survey Prior to Demolition
8.2				✓	LBP Screening Prior to Demolition
8.3					None
8.4					None

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EXECUTIVE SUMMARY

AEI Consultants (AEI) was retained by Wolff Enterprises II, LLC to conduct a Phase I ESA in conformance with AEI's contract and the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 325 Yolanda Avenue & 2532 Santa Rosa Avenue, Santa Rosa, Sonoma County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

Pertinent subject property information is noted below:

PROPERTY INFORMATION	
Site Addresses	325 Yolanda Avenue & 2532 Santa Rosa Avenue, Santa Rosa, Sonoma County, California 95407
Property ID (APN or Block/Lot)	044-041-010-000 and 044-071-002-000
Location	Northern side of Yolanda Avenue and eastern side of Santa Rosa Avenue
Property Type	Warehouse Planned for Redevelopment with Apartment Complex, per client provided plans
SITE AND BUILDING INFORMATION	
Approximate Site Acreage/Source	10.46/Sonoma County Assessor
Number of Buildings	Eight
Building Construction Date(s)	1947
Building Square Footage (SF)/Source	17,360/Sonoma County Assessor
Number of Floors/Stories	One
Basement or Subgrade Area(s)	None identified
Number of Units	One
Additional Improvements	Asphalt and gravel-covered areas and landscaped areas
On-site Occupant(s)	Owner occupied (Hulsman Transportation Company); and leased to Pinnacle Power and other companies for equipment storage and parking
Current On-site Operations/Use	General warehouse uses and vehicle parking
Current Use of Hazardous Substances	Yes; refer to Section 7.1
REGULATORY INFORMATION	
Regulatory Database Listings	Leaking Underground Storage Tank (LUST), Enforcement (ENF), Historic Cortese, Facility and Manifest (HAZNET), Statewide Environmental Evaluation and Planning System UST (SWEEPS UST), California Facility Inventory Database UST (CA FID UST), RGA LUST, EDR H

A chronological summary of historical subject property information is as follows:

Date Range	Subject Property Description and Use (Historical Addresses)	Source(s)
Prior to 1942	Unknown use/Data failure; refer to Section 1.6.1	Aerial photographs, city directories, agency records
1942-1952	Truck storage, truck repair, residential and agricultural	Aerial photographs and regulatory agency records
1968-2010s	Truck storage and truck repair	Aerial photographs, regulatory agency records, interviews
2010s-Present	Warehouse	Aerial photographs, regulatory agency records, interviews

The former Hulsman truck service/repair and transportation facility's former petroleum USTs were investigated via soil, soil gas, and groundwater testing with remedial efforts including soil excavation and air sparging completed with agency oversight by the the North Bay Regional Water Quality Control Board (RWQCB). RWQCB agency closure was issued in 2017 which required a Soil and Groundwater Management Plan (SGMP) to be implemented for the planned commercial redevelopment, as summarized in the Findings section below and Section 4, 5.1 and 6.3.

The immediately surrounding properties consist of the following:

Direction from Site	Tenant/Use (Address)	Regulatory Database Listing(s)
North	Auto Zone and Mattress Firm (2510 Santa Rosa Avenue), Carriage Court Mobile Home Park (250 Kawana Springs Road) and a paved lot	None identified
East	Paved lot, warehouse and Flyers Energy CFN (455/459 Yolanda Avenue)	HIST UST, CHMIRS, WDS, AST, LUST, Cortese, EMI, ENF, Historic Cortese, NPDES, Notify 65, SWEEPS UST, CA FID UST, EDR Historical Auto Stations, HAZNET, UST
South	Car Tunes (2612 Santa Rosa Avenue) and Yolanda Avenue, followed by: 7-Eleven gasoline station and convenience store, Batteries Plus Bulbs and Metro PCS (2648 Santa Rosa Avenue), residences (316, 372, 376 and 380 Yolanda Avenue), Magic Motors and West Coast Auto Gallery (358 Yolanda Avenue), Malm Fireplace Center (368 Yolanda Avenue), Galvin Precision Machining (404 Yolanda Avenue) and Flyers (444 Yolanda Avenue)	Cortese, EMI, ENF, EDR Historical Auto Stations, RCRA-SQG, SLIC, FINDS, ECHO, HAZNET, UST, LUST, Historic Cortese

Direction from Site	Tenant/Use (Address)	Regulatory Database Listing(s)
West	Car Tunes (2612 Santa Rosa Avenue), Quality Motors (2620 Santa Rosa Avenue), McDonalds (2642 Santa Rosa Avenue) and Santa Rosa Avenue, followed by: Advanced Auto Detailing (2549 Santa Rosa Avenue) and Chapel of the Chimes (2601 Santa Rosa Avenue)	EDR Historical Auto Stations, LUST, ENF, Historic Cortese, RCRA-SQG, FINDS, ECHO

If the surrounding properties are listed in the regulatory database, please refer to Section 5.1 for discussion.

FINDINGS

Recognized Environmental Condition (REC) is defined by the ASTM Standard Practice E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

- According to client provided site plans, the subject property is planned for redevelopment with an apartment complex development consisting of 11 apartment buildings, one clubhouse building with a swimming pool, and four parking structures across the majority of the site, with an In-N-Out fast food restaurant and parking lot on the northwest portion. In 2016 as part of the case closure activities for the closed LUST case (see CREC bullet below), soil vapor testing at the area of the former on-site gasoline UST was performed along the southwest portion of the subject property (2016 report appended). The soil vapor investigation identified low levels of benzene in on-site soil vapor at concentrations ranging from 35 to 57 ug/m3. The residential screening level for benzene is 48.5 ug/m3, per RWQCB correspondence. Therefore, some soil vapor testing results were above the residential screening level near an area with planned redevelopment with an apartment building. Based on this information together with the provided site plans indicating planned redevelopment for residential purposes, this finding is considered to be a REC to the subject property at this time.

Controlled Recognized Environmental Condition (CREC) is defined by the ASTM Standard Practice E1527-13 as a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

- Review of the Environmental Data Resources, Inc. (EDR) regulatory database report, State Water Resources Control Board’s (SWRCB) GeoTracker records and client-provided reports indicated that the subject property has been utilized by the Hulsman family as a truck service/repair and transportation facility dating back to at least the early 1940s. The former truck service/repair operations ceased in the 2010s, and the subject property is currently leased to multiple companies for parking trucks and storing equipment. The subject property was formerly equipped with one 500-gallon leaded gasoline

underground storage tank (UST), one 4,000-gallon diesel fuel UST, and one 8,000-gallon diesel fuel UST, which were located on the 325 Yolanda portion of the subject property. The gasoline UST was reportedly removed from the subject property in September 1982, and was approximately 40-50 years old at the time of removal. No soil excavation, soil or groundwater sampling was conducted following the UST removal. The diesel fuel USTs were removed on October 4, 1988. Confirmation soil sampling, groundwater sampling and soil excavation were reportedly conducted following the removal of the diesel fuel USTs, and it did not appear that a significant release to the subsurface had occurred from these USTs. However, subsurface investigations conducted in the early and mid-1990s identified Total Petroleum Hydrocarbon as Gasoline (TPH-g) and the associated petroleum compounds Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) contamination in soil and groundwater, which were attributed to releases from the former gasoline UST that was located adjacent to the south of the Hulsman Transportation building. Additional investigation in the form of soil and groundwater sampling was conducted, and remedial efforts included an Air Operated Sparge System (AOSS) in 2014. The AOSS operated for approximately six months, at which time the system was turned off and additional groundwater sampling was conducted. The sampling results indicated that residual petroleum hydrocarbon levels remained, but at concentrations below the Low Threat Closure Policy (LTCP) criteria established by SWRCB. As such, the LUST case was considered for closure and entered the public comment period. Notes on State Water Quality Control Board GeoTracker website for the subject property release states that groundwater impacts were investigated with the main area of groundwater contamination under Yolanda Avenue. In 2016, an on-site soil vapor investigation for TPH and VOCs and a sensitive receptor survey were completed. The soil vapor investigation identified low levels of benzene in on-site soil vapor at concentrations ranging from 35 to 57 ug/m³ (the residential screening level for benzene is 48.5 ug/m³, per RWQCB correspondence). The down-gradient receptors, i.e. water supply wells, were either properly destroyed or not affected by the release, per SWRCB and report findings information. As required by the local oversight agency, North Bay Regional Water Quality Control Board (RWQCB), a Soil and Groundwater Management Plan (SGMP) dated May 12, 2017 was prepared for the subject property to manage residual impacted subsurface material (appended). The SGMP states that, "The property Owner and/or Developer will be charged with responsibility of implementing this SGMP." Following their review of the data, on June 26, 2017, the RWQCB officially closed the subject property LUST case with notes stating it was closed with soil and groundwater management plan due to the likely redevelopment into commercial properties. The RWQCB closure letter (appended) confirmed the completion of site investigation and corrective action for the former on-site USTs. Other than the SGMP, no further action related to the petroleum release at the site was required, per the closure documents reviewed. Based on the case closed regulatory status with residual concentrations of petroleum hydrocarbons in soil and groundwater allowed to remain in place and managed with the SGMP, this finding is considered to be a CREC.

Historical Recognized Environmental Condition (HREC) is defined by the ASTM Standard Practice E1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

- AEI did not identify evidence of HRECs during the course of this assessment.

Other Environmental Considerations (OEC) warrant discussion, but do not qualify as RECs as defined by the ASTM Standard Practice E1527-13. These include, but are not limited to, de minimis conditions and/or environmental considerations such as the presence of ACMs, LBP, radon, mold, and lead in drinking water, which can affect the liabilities and financial obligations of the client, the health and safety of site occupants, and the value and marketability of the subject property.

- AEI observed an apparent well and pressure tank to the east of the Hulsman Transportation building. The well did not appear to be in use at the time of the site assessment and is located up-gradient of the known groundwater impacts and was not identified as potentially impacted during the receptor survey completed in 2016. According to RWQCB reviewed information, groundwater collected from the Hulsman on-site domestic well was tested four times between 1989 and 2016. The results indicate that site contaminants have not impacted the well. According to the Soil and Groundwater Management Plan dated May 12, 2017, the well is an active domestic groundwater supply well and was not required to be destroyed during the UST case closure process. The SGMP further states 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 Permit & Resource Management Department. As such, and because wells provide a conduit to the subsurface, if the well is not planned for future use, AEI recommends that the well be properly decommissioned per applicable regulations.
- According to client provided documentation, demolition of the subject property buildings is planned for the near future. Regardless of building construction date, the EPA's NESHAP requires that a thorough asbestos survey be performed prior to demolition or renovation activities that may disturb ACMs. This requirement may be enforced by federal, state and local regulatory agencies, and specifies that all suspect ACMs be sampled to determine the presence or absence of asbestos prior to any renovation or demolition activities which may disturb them to prevent potential exposure to workers, building occupants, and the environment. Similarly, OSHA regulations require that specific work practices be implemented when handling construction materials and debris that contain asbestos and/or lead-containing materials.
- Due to the age of the subject property buildings, there is a potential that LBP is present. AEI understands that demolition activities of the subject property buildings are planned. AEI recommends that the property owner conduct a lead based paint screening to determine options for control of possible LBP hazards. Stringent local and State regulations may apply to LBP in association with building demolition and worker/occupant protection. It should be noted that construction activities that disturb materials or paints containing any amount of lead may be subject to certain requirements of the OSHA lead standard contained in 29 CFR 1910.1025 and 1926.62.
- The site was used for truck maintenance and service since the early 1940s. Previous on-site investigations focused on the former on-site UST locations, see Figure 2. As such, there are portions of the subject property that have not been investigated. However, based on available information reviewed during this assessment, no other RECs, except

as identified above, associated with the subject property were identified. A Phase I ESA is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. As such, AEI recommends that the in-place Soil Groundwater Management Plan (SGMP) be implemented across the subject property during redevelopment. As stipulated in the SGMP, if USTs or other in-ground features and/or impacted subsurface materials are encountered during planned redevelopment activities, they should be handled in accordance with applicable regulations.

- Based on a review of aerial photographs, the subject property was historically used for agricultural purposes. There is a potential that agricultural chemicals, such as pesticides, herbicides and fertilizers, were used on site, and that the subject property has been impacted by the use of such agricultural chemicals. In general, historical agricultural use is not the subject of environmental enforcement actions by regulatory agencies, and therefore, could be considered a de minimis condition. However, AEI understands that the subject property is slated for redevelopment. Consequently, it would be prudent for the owner of the subject property to determine whether sampling relating to the former agricultural use of the subject property is required by the local planning department or other applicable oversight agency prior to the commencement of redevelopment activities.

CONCLUSIONS, OPINIONS, AND RECOMMENDATIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) of 325 Yolanda Avenue & 2532 Santa Rosa Avenue, Santa Rosa, Sonoma County, California, the *subject property*. Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

AEI did not identify evidence of RECs or CRECs in connection with the property except for those previously identified in the Findings section. AEI recommends the following:

- Additional soil vapor testing and/or installation of vapor barrier and mitigation system during construction
- Implement Soil and Groundwater Management Plan (SGMP) during the planned redevelopment of the subject property
- Properly decommission the water supply well located adjacent to the shed to the east of the former Hulsman Transportation building per applicable regulations, if not planned for future use
- Asbestos Survey prior to demolition
- LBP Screening prior to demolition
- Contact local planning department to determine whether sampling relating to the former agricultural use of the subject property is required by the local planning department or other applicable oversight agency prior to the commencement of redevelopment activities

1.0 INTRODUCTION

This report documents the methods and findings of the Phase I ESA performed in conformance with AEI's contract and scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 325 Yolanda Avenue & 2532 Santa Rosa Avenue, Santa Rosa, Sonoma County, California (Appendix A: Figures and Appendix B: Property Photographs).

1.1 SCOPE OF WORK

The purpose of the Phase I ESA is to assist the client in identifying potential RECs, in accordance with ASTM E1527-13, associated with the presence of any hazardous substances or petroleum products, their use, storage, and disposal at and in the vicinity of the subject property. Property assessment activities focused on: 1) a review of federal, state, tribal, and local databases that identify and describe underground fuel tank sites, leaking underground fuel tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance; 2) a property and surrounding site reconnaissance, and interviews with the past and present owners and current occupants and operators to identify potential environmental contamination; and 3) a review of historical sources to help ascertain previous land use at the site and in the surrounding area.

1.2 ADDITIONAL SERVICES

Other Environmental Considerations such as ACMs, LBP, lead in drinking water, radon, mold, and wetlands can result in business environmental risks for property owners which may disrupt current or planned operations or cash flow and are generally beyond the scope of a Phase I assessment as defined by ASTM E1527-13. Based upon the agreed-on scope of services this ESA did not include subsurface or other invasive assessments, business environmental risks, or other services not specifically identified and discussed herein.

1.3 SIGNIFICANT ASSUMPTIONS

The following assumptions are made by AEI in this report. AEI relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews. AEI has reviewed and evaluated the thoroughness and reliability of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews. It appears that all information obtained from outside sources and reviewed for this assessment is thorough and reliable. However, AEI cannot guarantee the thoroughness or reliability of this information.

Groundwater flow, unless otherwise specified by on-site well data or well data from the subject property or nearby sites, is inferred from contour information depicted on the USGS topographic maps. AEI assumes the property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

1.4 LIMITATIONS

Property conditions, as well as local, state, tribal, and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this assessment apply strictly to the environmental regulations and property conditions existing at the time the assessment was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the property. AEI makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the assessment.

Considerations identified by ASTM as beyond the scope of a Phase I ESA that may affect business environmental risk at a given property include the following: ACMs, radon, LBP, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, mold, and high voltage lines. These environmental issues or conditions may warrant assessment based on the type of the property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-13.

If requested by the client, these non-scope issues are discussed herein. Otherwise, the purpose of this assessment is solely to satisfy one of the requirements for qualification of the innocent landowner defense, contiguous property owner or bona fide prospective purchaser under CERCLA. ASTM Standard Practice E1527-13 and the United States EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

1. 42 U.S.C. § 9601(35)(B), referenced in the ASTM Standard Practice E1527-13.
2. Sections 101(35)(B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).
3. 42 U.S.C. § 9601(40) and 42 U.S.C. § 9607(q).

The Phase I ESA is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. Neither is the assessment intended to assure clear title to the property in question. The sole purpose of assessment into property title records is to ascertain a historical basis of prior land use. All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, current subject property use, and observations and conditions that existed on the date and time of the property reconnaissance.

Responses received from local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

AEI's limited radon screening, if included, is intended to provide a preliminary screening to evaluate the potential presence of elevated radon concentrations at the site. The proposed scope is not intended to define the full extent of the presence of radon at the subject property. As such, the results should be used for lending purposes only. The recommendations and conclusions presented as a result of the limited preliminary radon screening apply strictly to the property conditions existing at the time the sampling was performed. The sample analytical results are only valid for the time, place, and condition of the site at the time of collection and AEI does not warrant that the results will be repeatable or are representative of past or future conditions.

1.5 LIMITING CONDITIONS/DEVIATIONS

The performance of this Phase I ESA was limited by the following:

- While additional assessments may have been conducted on the subject property, these documents must be provided for AEI's review in order for the information to be summarized/included in this Phase I ESA. Please refer to Section 6.3 for a summary of previous reports and other documentation provided to AEI during this assessment.
- The interior of the concrete block structure could not be accessed during the onsite reconnaissance. However, AEI was able to observe the interior of the majority of the warehouses, sheds and office buildings during the site reconnaissance. Based on the warehouse uses, the limited access is not expected to significantly alter the findings of this assessment.
- On April 14, 2018, Santa Rosa Fire Department (SRFD) was contacted for information on the subject property in order to identify historical tenants, property use and/or hazardous materials handling. Due to the time frame of this assessment, records at the SRFD were not available for review. Records at this agency may contain information regarding USTs, Hazardous Materials Business Plans (HMBPs), inspections and permits. However, based on the quality of information obtained from other sources including RWQCB and provided correspondence which included SRFD correspondence, this limitation is not expected to significantly alter the findings of this assessment.

1.6 DATA FAILURE AND DATA GAPS

According to ASTM E1527-13, data gaps occur when the Environmental Professional is unable to obtain information required by the Standard, despite good faith efforts to gather such information. Pursuant to ASTM E1527-13, only significant data gaps, defined as those that affect the ability of the Environmental Professional to identify RECs, need to be documented.

Data failure is one type of data gap. According to ASTM E1527-13, data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-13, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier, or periods of five years or greater.

1.6.1 DATA FAILURE

The following data failure was identified during the course of this assessment:

Data Failure	The earliest historical resource obtained during this assessment was an aerial photograph from 1942 indicating that the subject property was developed as agricultural land, and contained residences, out buildings and a warehouse. The lack of historical sources dating back to 1940 represents historical data source failure. However, as it is assumed that the subject property would have been previously used for agricultural, residential and warehouse purposes, if not undeveloped, this data failure is not expected to significantly alter the findings of this assessment.
Information/Sources Consulted	City directories, aerial photographs, agency records, interviews

1.6.2 DATA GAPS

AEI did not identify significant data gaps which affected our ability to identify RECs.

1.7 RELIANCE

All reports, both verbal and written, are for the benefit of Wolff Enterprises II, LLC. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with AEI granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors, or assigns. Reliance is provided in accordance with AEI's contract and Standard Terms and Conditions executed by Wolff Enterprises II, LLC on April 13, 2018. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI's liability to the client and all relying parties.

2.0 SITE AND VICINITY DESCRIPTION

2.1 SITE LOCATION AND DESCRIPTION

PROPERTY INFORMATION	
Site Addresses	325 Yolanda Avenue & 2532 Santa Rosa Avenue, Santa Rosa, Sonoma County, California 95407
Property ID (APN or Block/Lot)	044-041-010-000 and 044-071-002-000
Location	Northern side of Yolanda Avenue and eastern side of Santa Rosa Avenue
Property Type	Warehouse Planned for Redevelopment with Apartment Complex, per client provided plans
SITE AND BUILDING INFORMATION	
Approximate Site Acreage/Source	10.46/Sonoma County Assessor
Number of Buildings	Eight
Building Construction Date(s)	1947
Building Square Footage (SF)/Source	17,360/Sonoma County Assessor
Number of Floors/Stories	One
Basement or Subgrade Area(s)	None identified
Number of Units	One
Additional Improvements	Asphalt and gravel-covered areas and landscaped areas
On-site Occupant(s)	Owner occupied (Hulsman Transportation Company); and leased to Pinnacle Power and other companies for equipment storage and parking
Current On-site Operations/Use	General warehouse uses and vehicle parking
Current Use of Hazardous Substances	Yes; refer to Section 7.1
REGULATORY INFORMATION	
Regulatory Database Listings	Leaking Underground Storage Tank (LUST), Enforcement (ENF), Historic Cortese, Facility and Manifest (HAZNET), Statewide Environmental Evaluation and Planning System UST (SWEEPS UST), California Facility Inventory Database UST (CA FID UST), RGA LUST, EDR H

2.2 ON-SITE UTILITIES

Utility	Source/System Information
Heating System	Natural gas
Cooling System	Electricity
Potable Water	City of Santa Rosa
Sewage Disposal/Treatment	City of Santa Rosa

Utility source/system information listed in the table above is provided by Mr. Paul Hulsman, unless otherwise noted above.

2.3 SITE AND VICINITY CHARACTERISTICS

The subject property is located in a residential, commercial and industrial area of Santa Rosa, California. The immediately surrounding properties consist of the following:

Direction from Site	Tenant/Use (Address)	Regulatory Database Listing(s)
North	Auto Zone and Mattress Firm (2510 Santa Rosa Avenue), Carriage Court Mobile Home Park (250 Kawana Springs Road) and a paved lot	None identified
East	Paved lot, warehouse and Flyers Energy CFN (455/459 Yolanda Avenue)	HIST UST, CHMIRS, WDS, AST, LUST, Cortese, EMI, ENF, Historic Cortese, NPDES, Notify 65, SWEEPS UST, CA FID UST, EDR Historical Auto Stations, HAZNET, UST
South	Car Tunes (2612 Santa Rosa Avenue) and Yolanda Avenue, followed by: 7-Eleven gasoline station and convenience store, Batteries Plus Bulbs and Metro PCS (2648 Santa Rosa Avenue), residences (316, 372, 376 and 380 Yolanda Avenue), Magic Motors and West Coast Auto Gallery (358 Yolanda Avenue), Malm Fireplace Center (368 Yolanda Avenue), Galvin Precision Machining (404 Yolanda Avenue) and Flyers (444 Yolanda Avenue)	Cortese, EMI, ENF, EDR Historical Auto Stations, RCRA-SQG, SLIC, FINDS, ECHO, HAZNET, UST, LUST, Historic Cortese
West	Car Tunes (2612 Santa Rosa Avenue), Quality Motors (2620 Santa Rosa Avenue), McDonalds (2642 Santa Rosa Avenue) and Santa Rosa Avenue, followed by: Advanced Auto Detailing (2549 Santa Rosa Avenue) and Chapel of the Chimes (2601 Santa Rosa Avenue)	EDR Historical Auto Stations, LUST, ENF, Historic Cortese, RCRA-SQG, FINDS, ECHO

If the surrounding properties are listed in the regulatory database, please refer to Section 5.1 for discussion.

2.4 PHYSICAL SETTING

Geologic Unit: Description/Source	Marine sedimentary and alluvial deposits of the Cenozoic era /USGS and United States Department of the Interior
Soil Series: Description/Source	Wright loam, wet with zero to two percent slopes - somewhat poorly drained loam, clay and sandy clay loam soil with a depth of 73 inches; parent material is described as alluvium/USDA Soil Survey
Groundwater Flow Direction/Source	Southwest/Environmental Geology Services' December 27, 2016 Report - Low Threat Closure Site Evaluation and Request for Case Closure - Hulsman Transportation (325 Yolanda Avenue, Santa Rosa, California)

Estimated Depth to Groundwater/ Source	6.68-10.99 feet bgs/Environmental Geology Services' December 27, 2016 Report - Low Threat Closure Site Evaluation and Request for Case Closure - Hulsman Transportation (325 Yolanda Avenue, Santa Rosa, California) Note: There are two shallow groundwater zones have been identified at the site; one seasonal shallow aquifer located at approximately 20 to 25 feet below ground surface (bgs), and a deeper productive water bearing aquifer at approximately 30 to 50 feet bgs. Only the shallow seasonal aquifer was reportedly affected by the LUST at the site (Environmental Review Letter prepared by Ardent, March 23, 2018)
Surface waters on the subject property or adjacent sites	None

Note: Groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

3.0 HISTORICAL REVIEW OF SITE AND VICINITY

Reasonably ascertainable standard historical sources as outlined in ASTM Standard E1527-13 were used to determine previous uses and occupancies of the subject property that are likely to have led to RECs in connection with the subject property. A chronological summary of historical data found, including but not limited to aerial photographs, historical city directories, Sanborn fire insurance maps, and agency records, is as follows:

Date Range	Subject Property Description and Use (Historical Addresses)	Source(s)
Prior to 1942	Unknown use/Data failure; refer to Section 1.6.1	Aerial photographs, city directories, agency records
1942-1952	Truck storage, truck repair, residential and agricultural	Aerial photographs and regulatory agency records
1968-2010s	Truck storage and truck repair	Aerial photographs, regulatory agency records, interviews
2010s-Present	Warehouse	Aerial photographs, regulatory agency records, interviews

The former Hulsman truck service/repair and transportation facility's petroleum USTs were investigated via soil, soil gas, and groundwater testing with remedial efforts including soil excavation and air sparging completed with agency oversight by the the North Bay Regional Water Quality Control Board (RWQCB). RWQCB agency closure was issued in 2017 which required a Soil and Groundwater Management Plan (SGMP) to be implemented for the planned commercial redevelopment and is considered a CREC, as summarized in the Findings segment of the Executive Summary and Section 4, 5.1 and 6.3.

The site was used for truck maintenance and service since the early 1940s. Previous on-site investigations focused on the former on-site UST locations. As such, there are portions of the subject property that have not been investigated. However, based on available information reviewed during this assessment, no other RECs, except as identified in the Findings segment of the Executive Summary and Section 5.2, associated with the subject property were identified.

A Phase I ESA is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. As such, AEI recommends that the SGMP be implemented across the subject property during redevelopment. As stipulated in the SGMP, if USTs or other in-ground features and/or impacted subsurface materials are encountered during planned redevelopment activities, they should be handled in accordance with applicable regulations.

As the subject property was historically used for agricultural purposes, there is a potential that agricultural chemicals, such as pesticides, herbicides and fertilizers, were used on site, and that the subject property has been impacted by the use of such agricultural chemicals. In general, historical agricultural use is not the subject of environmental enforcement actions by regulatory agencies, and therefore, could be considered a de minimis condition. However, AEI understands

that the subject property is slated for redevelopment. Consequently, it would be prudent for the owner of the subject property to determine whether sampling relating to the former agricultural use of the subject property is required by the local planning department or other applicable oversight agency prior to the commencement of redevelopment activities.

If available, copies of historical sources are provided in the report appendices.

3.1 AERIAL PHOTOGRAPHS

AEI reviewed aerial photographs of the subject property and surrounding area. A search was made of the Environmental Data Resources, Inc. collection of aerial photographs. Aerial photographs were reviewed for the following years:

Year(s)	Subject Property Description	Adjacent Site Descriptions
1942	The subject property appears to be developed with a warehouse, residential-type buildings, out buildings, and contains agricultural land	NORTH: Agricultural land, residential-type buildings and out buildings EAST: Agricultural land SOUTH: Agricultural, residential and a road, followed by agricultural land, residential and agricultural-type buildings WEST: Agricultural land, residential-type buildings, out buildings and a road, followed by residential-type buildings, out buildings and agricultural land
1952	The subject property appears to be developed with the existing warehouse, out buildings, and developed with residential-type buildings, and contains agricultural land	NORTH: Agricultural land, commercial-type buildings and paved areas EAST: Agricultural land and developed with a small commercial-type building SOUTH: Commercial-type buildings, warehouses and a road, followed by residential-type buildings, out buildings and a commercial-type building WEST: Commercial-type buildings, out buildings and a road, followed by residential-type buildings, out buildings and agricultural land
1968, 1973	NORTH: Mobile home park and commercial-type buildings	NORTH: Mobile home park and commercial-type buildings
1982, 1985	EAST: Fueling station, warehouse and vacant land	EAST: Fueling station, warehouse and vacant land
1993	The subject property appears to be developed with the existing warehouse, out buildings, and paved areas with parked trucks and equipment	NORTH: Mobile home park and commercial-type buildings EAST: Fueling station, warehouse and truck/equipment parking area SOUTH: Commercial-type buildings, warehouses and a road, followed by residential-type buildings, out buildings and commercial-type buildings WEST: Commercial-type buildings, out buildings and a road, followed by the existing funeral home and out buildings

Year(s)	Subject Property Description	Adjacent Site Descriptions
2005, 2006	SOUTH: Commercial-type buildings, warehouses and a road, followed by residential-type buildings, out buildings and commercial-type buildings	NORTH: Mobile home park and commercial-type buildings EAST: Fueling station, warehouse and truck/equipment parking area SOUTH: Commercial-type buildings, warehouses and a road, followed by residential-type buildings, out buildings, gasoline station and commercial-type buildings WEST: Commercial-type buildings, out buildings and a road, followed by the existing funeral home and out buildings
2009, 2010, 2012	The subject property appears to be developed with the existing warehouse, out buildings, and paved areas with parked trucks and equipment; the north-central and northwestern portion of the subject property appears to be vacant land	NORTH: Mobile home park and commercial-type buildings EAST: Fueling station, warehouse and truck/equipment parking area SOUTH: Commercial-type buildings, warehouses and a road, followed by residential-type buildings, out buildings, gasoline station and commercial-type buildings WEST: Commercial-type buildings, out buildings and a road, followed by the existing funeral home and out buildings

3.2 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance maps were developed in the late 1800s and early 1900s for use as an assessment tool for fire insurance rates in urbanized areas. A search was made of the Environmental Data Resources, Inc. collection of Sanborn Fire Insurance maps.

Sanborn map coverage was not available for the subject property.

3.3 CITY DIRECTORIES

A search of historical city directories was conducted for the subject property utilizing Environmental Data Resources, Inc.. Please refer to the appendices for a complete list of historical subject property tenants identified by Environmental Data Resources, Inc.. Directories were reviewed in approximate five-year increments from 1958 to 2014. The first listing for the subject property appeared in 1976. The following table summarizes the potential tenants of concern based on AEI's review of the historical city directories.

Year(s)	Address - Occupant Listed
1976	325 Yolanda Avenue - Hulsman Transportation Company trucking and Martin Charles
1981	325 Yolanda Avenue - Clapham Construction, Hulsman Transportation Company, Operated Equipment, PIE Pacific Intermountain Express
1987	325 Yolanda Avenue - Hulsman Transportation Company trucking, Major Trucking and PIE Nationwide Trucking
1990	325 Yolanda Avenue - Autokraft, Hulsman Transportation Company trucking, Major Trucking and PIE Nationwide Trucking

Year(s)	Address - Occupant Listed
1994	325 Yolanda Avenue - Freight, Hulsman, Major Diesel, Matheson Fast, RBC Construction Company, Transportation Company
2006	325 Yolanda Avenue - Hulsman Transportation Company and Matheson Fast Freight
2010	325 Yolanda Avenue - Hulsman Transportation Company and SR Chain Environmental Service
2014	325 Yolanda Avenue - Hulsman Transportation Company

If listed above, XXXX indicates that the address is valid but there is no occupancy information available.

Based on a review of city directories, the subject property appears to have been occupied by Hulsman Transportation Company as a truck service facility from at least 1976 to 2014. Please refer to Section 3.0 for additional information.

3.4 HISTORICAL TOPOGRAPHIC MAPS

Based on the quality of information obtained from other sources, historical topographic maps were not reviewed as a part of this assessment.

3.5 CHAIN OF TITLE

Based on the quality of information obtained from other sources, a chain of title search was not performed as part of this assessment.

4.0 REGULATORY AGENCY RECORDS REVIEW

Local and state agencies, such as environmental health departments, fire prevention bureaus, and building and planning departments are contacted to identify any current or previous reports of hazardous substance use, storage, and/or unauthorized releases that may have impacted the subject property. In addition, information pertaining to AULs, defined as legal or physical restrictions, or limitations on the use of, or access to, a site or facility, is requested.

4.1 LOCAL ENVIRONMENTAL HEALTH DEPARTMENT AND/OR STATE ENVIRONMENTAL AGENCY

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Sonoma County Environmental Health & Safety (SCEHS)	April 14, 2018	Website	Staff	Online database searched, no records on file

4.2 FIRE DEPARTMENT

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Santa Rosa Fire Department (SRFD)	April 14, 2018	Telephone	Staff	Response pending, refer to Section 1.5

4.3 BUILDING DEPARTMENT

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Santa Rosa Building Department (SRBD)	April 14, 2018	Office visit and Website	Staff	Online database searched, records discussed below

The file contained a permit to replace a service panel for underground service in 1999; an electrical permit (relocation of power pole and conduit in the ground) in 1999; use permit as a Christmas tree lot in 2007; permit to repair and reinforce three existing beams and replace one existing beam in 2016; and a permit to demolish an illegal modular structure in 2016. Evidence indicating current or prior use or storage of hazardous substances was not on file for the subject property with the SRBD.

4.4 PLANNING DEPARTMENT

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Santa Rosa Planning Department (SRPD)	April 14, 2018	Website	Staff	AULs on file for the subject property, discussed in Section 4.6.

4.5 ASSESSOR'S OFFICE

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Sonoma County Assessor's Office	April 14, 2018	Website	N/A	Information obtained is discussed below

Records Summary

APN	044-041-010-000 and 044-071-002-000
Acreage	10.46 acres
Construction Date	1947
Building Square Footage	17,360 square feet
Current Owner	Hulsman Transportation

4.6 OTHER AGENCIES SEARCHED

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
CA State Water Resources Control Board (SWRCB) Geotracker	April 14, 2018	Website	N/A	Online database searched, records discussed below
CA Department of Toxic Substances Control (DTSC) Hazardous Waste Tracking System (HWTS)	April 14, 2018	Website	N/A	Online database searched, records discussed below
CA DTSC Envirostor	April 14, 2018	Website	N/A	Online database searched, no records on file
Bay Area Air Quality Management District (BAAQMD)	April 14, 2018	Website and Telephone	Rochelle Reed	Response received, no records on file

SWRCB GeoTracker Database Summary

GeoTracker indicated that Hulsman Transportation Company (325 Yolanda Avenue) is a groundwater contamination case involving a release of gasoline that was closed on June 26, 2017. GeoTracker indicated that two former diesel USTs and one former gasoline tank were located at the subject property. All three tanks were removed and overexcavated, and A and B zone groundwater impacts were investigated. The main area of groundwater contamination was under Yolanda Avenue and is commingled with Malm Metal (Gas-spill) plume referred to as Malm Metal (this facility is located to the west-southwest at 2640 Santa Rosa Avenue and received agency case closure on December 11, 2017, see Section 5.1). The downgradient receptors (i.e. water supply wells) were either properly destroyed or not affected by the release. The case was closed with soil and groundwater management plan due to likely redevelopment into commercial properties.

GeoTracker included groundwater monitoring reports, dated 2007 through 2015; multiple soil and groundwater investigations, correspondences, well abandonment reports, site closure request, work plans and corrective action plans. The most recent documentation includes the

LTCP evaluation report, request for no further action, internal RWQCB communications and case closure summary.

RWQCB, Interoffice Communication, No Further Action Recommendation for Hulsman Transportation Company, 325 Yolanda Avenue, Santa Rosa, California, January 10, 2017

RWQCB indicated that 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.

RWQCB indicated that 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.

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.

As described above, the UST systems were removed and impacted soil was over-excavated 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.

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.

RWQCB indicated that the site meets the general criteria of the LTCP. 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 and tested soil vapor for TPH and VOCs. 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: RWQCB 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: RWQCB 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.

RWQCB, Proposal for Requiring No Further Action for Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa, California, January 24, 2017

RWQCB submitted a letter to Mr. James Hulsman, which confirmed that the subject property meets the LTCP criteria for closure. RWQCB indicated that case closure does not necessarily mean all contamination has been remediated, but rather that the agency would not require further work regarding the contamination. RWQCB requested public noticing contact information so a public notice of the planned closure could be submitted.

RWQCB, Notice of Proposed No Further Action for Hulsman Transportation Company, 325 Yolanda Avenue, Santa Rosa, California, February 24, 2017

RWQCB indicated that a soil and groundwater investigation was conducted at the above-referenced site and a release of petroleum hydrocarbons was documented. Although some contamination remains, this site meets the conditions for closure under the State Water Resources Control Board's "Low-Threat Underground Storage Tank Case Closure Policy." Regional Water Board staff proposes that no further work be required. The purpose of this notice is to inform interested parties, including owners of nearby land, that the case is being considered for closure, and to invite public comment on this proposed decision.

RWQCB indicated that the subject property formerly contained three USTs, which included 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. In the 1980s, the USTs and impacted soil surrounding the USTs were removed. Soil and groundwater at and around the site have been investigated. Monitoring shows that residual petroleum contamination in shallow groundwater exists next to and under Yolanda Avenue. Water supply wells identified near the site are not affected by the contamination.

RWQCB indicated that case closure is proposed since the site meets the conditions for closure under LTCP. The comment period reportedly ended on April 25, 2017.

RWQCB, No Further Action for Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa, California, June 26, 2017

The letter confirmed the completion of a site investigation and corrective action for the underground storage tanks formerly located at the above-described location. The letter states, "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.

According to online GeoTracker case closure information (appended) notes state, "Site closed with soil and groundwater management plan due to the likely redevelopment into commercial properties." A copy of the GeoTracker case closure as well as the case closure letter are appended.

California DTSC HWTS Database Summary

Occupant	Year(s)	Hazardous Waste Generated	Amount (Tons)
Major Diesel	1994-2004	Not listed	0.437 tons of unspecified oil-containing wastes (2000)
Chain Enterprises	2003-2012	Not listed	38.65 tons of waste oil and mixed (2004)
Matheson Freight, Inc.	2007-2009	Not listed	1.79 tons oxygenated solvents, waste oil and mixed oil, latex waste and off-specification, aged or surplus organic wastes (2007); 0.14 tons of unspecified organic liquid mixture waste and acidic liquid wastes (2008)

HWTS did not include any additional details regarding the removal of hazardous wastes from the subject property. However, the above noted listings are likely associated with the removal of hazardous wastes during routine truck maintenance/service activities and/or are associated with prior remedial activities conducted at the subject property.

4.7 OIL AND GAS WELLS

Agency	Date Referenced	Resource	Oil or gas wells located within 500 feet of the subject property
Division of Oil, Gas and Geothermal Resources (DOGGR)	April 14, 2018	DOGGR Map	No

4.8 OIL AND GAS PIPELINES

Agency	Date Referenced	Resource	Pipelines located within 500 feet of the subject property
National Pipeline Mapping System (NPMS)	April 14, 2018	NPMS Public Map Viewer	No

4.9 STATE ENVIRONMENTAL SUPERLIENS

In accordance with our approved scope of services, AEI did not assess whether the subject property is subject to any state environmental superliens.

4.10 STATE PROPERTY TRANSFER LAWS

In accordance with our approved scope of services, AEI did not assess whether the subject property is subject to any state property transfer laws.

5.0 REGULATORY DATABASE RECORDS REVIEW

AEI contracted EDR to conduct a search of publicly available information from federal, state, tribal, and local databases containing known and suspected sites of environmental contamination and sites of potential environmental significance. Data gathered during the current regulatory database search is compiled by EDR into one regulatory database report. Location information for listed sites is designated using geocoded information provided by federal, state, or local agencies and commonly used mapping databases with the exception of "Orphan" sites. Due to poor or inadequate address information, Orphan sites are identified but not geocoded/mapped by EDR, rather, information is provided based upon vicinity zip codes, city name, and state. The number of listed sites identified within the approximate minimum search distance from the federal and state environmental records database listings specified in ASTM Standard E1527-13 is summarized in Section 5.1, along with the total number of Orphan sites. A copy of the regulatory database report, which includes detailed descriptions of the databases noted below, is included in Appendix C of this report.

In determining if a listed site is a potential environmental concern to the subject property, AEI generally applies the following criteria to classify the site as lower potential environmental concern: 1) the site only holds an operating permit (which does not imply a release), 2) the site's distance from, and/or topographic position relative to, the subject property, and/or 3) the site has recently been granted "No Further Action" by the appropriate regulatory agency.

5.1 RECORDS SUMMARY

Database	Search Distance (Miles)	Subject Property Listed	Listings Within Search Distance	Listings Determined To Warrant Additional Discussion Below
NPL	1.0	No	0	0
DELISTED NPL	0.5	No	0	0
SEMS/CERCLIS	0.5	No	0	0
SEMS-ARCHIVE/CERCLIS NFRAP	0.5	No	0	0
RCRA CORRACTS	1.0	No	0	0
RCRA-TSDF	0.5	No	0	0
RCRA LQG, SQG, CESQGs, NLR	SP/ADJ	No	3	3
US ENG CONTROLS	SP	No	0	0
US INST CONTROLS	SP	No	0	0
ERNS	SP	No	0	0
STATE/TRIBAL HWS	1.0	No	9	0
STATE/TRIBAL SWLF	0.5	No	0	0
STATE/TRIBAL REGISTERED STORAGE TANKS	SP/ADJ	No	0	0
STATE/TRIBAL LUST	0.5	Yes	40	4
STATE/TRIBAL EC and IC	SP	No	0	0
STATE/TRIBAL VCP	0.5	No	0	0
STATE/TRIBAL BROWNFIELD	0.5	No	0	0
ORPHAN	N/A	No	6	0

Database	Search Distance (Miles)	Subject Property Listed	Listings Within Search Distance	Listings Determined To Warrant Additional Discussion Below
ADDITIONAL ENVIRONMENTAL RECORD SOURCES	SP/ADJ	Yes	Multiple	Multiple

Facility Name	Hulsman Transportation Company, Chain Enterprises, Major Diesel, Matheson Fast Freight
Address	325 Yolanda Avenue
Distance & Direction	Subject Property
Hydrologic Position	N/A
Databases Listed	Leaking Underground Storage Tank (LUST), Enforcement (ENF), Historic Cortese, Facility and Manifest (HAZNET), Statewide Environmental Evaluation and Planning System UST (SWEEPS UST), California Facility Inventory Database UST (CA FID UST), RGA LUST, EDR H
Comments	The LUST, RGA LUST and Historic Cortese databases indicated that the groundwater contamination case involving a release of gasoline was closed by RWQCB on June 26, 2017. The closed groundwater contamination case is discussed in Sections 4.6, 6.3 and the Executive Summary. The ENF listing pertains to a requirement for a report of completion associated with the former UST(s). The HAZNET listings pertain to the removal and offsite disposal of unspecified organic liquid mixture wastes, acidic liquid mixture wastes, waste oil and mixed oil, oxygenated solvents, off-specification, aged or surplus organic wastes, alkaline solution waste, solvent mixture waste and unspecified oil-containing wastes under manifest. These listings are likely associated with the former truck servicing operations and/or are associated with prior remedial activity conducted at the subject property. The UST listings indicated that the subject property contained one 4,000-gallon diesel fuel UST, one 8,000-gallon UST and one 500-gallon waste oil UST. It is important to note that the 500-gallon UST was actually used for storage of leaded gasoline. Regulatory agency records and client-provided documentation confirmed the removal of these three USTs. The groundwater contamination case and UST removal activities are discussed in detail in Sections 4.6, 6.3 and the Executive Summary. The EDR Historical Auto Stations database indicated that Major Diesel occupied the subject property from at least 1987 to 2008, and Autokraft occupied the subject property in 1990. There is no pertinent information in the FINDS database. The former operation of three USTs, former truck service operation, and residual soil and groundwater contamination at the subject property are considered a CREC.

Facility Name	Malm Metal Products
Address	2640 Santa Rosa Avenue
Distance & Direction	Adjacent to the west
Hydrologic Position	Cross-gradient
Databases Listed	RCRA-SQG, LUST, FINDS, ECHO, ENF, Historic Cortese

Comments	<p>The RCRA-SQG and FINDS databases indicated that this site is a registered small quantity hazardous waste generator with no reported violations. According to agency information reviewed for the subject property, the subject property plume is commingled with this plume. Nonetheless, according to the LUST and Historic Cortese databases and/or information provided by the client, the this groundwater contamination case was associated with a release of gasoline at this off-site location and was closed by RWQCB on December 11, 2017.</p> <p>Based on the fact that these releases have been reviewed by the RWQCB and have both recently received agency case closure status, these listings are not considered to be a significant environmental concern to the subject property at this time.</p>
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Facility Name	Santa Rosa Plant, Redwood Oil Company
Address	455 Yolanda Avenue
Distance & Direction	Adjacent to the east
Hydrologic Position	Cross-gradient
Databases Listed	HIST UST, CHMIRS, WDS, AST, LUST, Cortese, EMI, ENF, Historic Cortese, NPDES, Notify 65, SWEEPS UST, CA FID UST, EDR Historical Auto Stations, HAZNET, UST
Comments	<p>The UST databases indicated that this site contained multiple gasoline, diesel fuel and waste oil USTs. The CHMIRS listing pertains to a damaged 55-gallon drum that leaked 4-5 gallons of motor oil on December 2, 1997, and a minor diesel fuel spill incident that occurred on October 2, 1998. The WDS and NPDES listings indicated that this site is an active and permitted facility with storm water discharges. The facility is categorized as having a minor threat to water quality. The AST database indicated that Redwood Oil Company stored 60,000-gallons of unspecified substances in one or more ASTs. The EMI listing pertains to permitted air emissions with BAAQMD. The LUST, Cortese, ENF and Historic Cortese databases indicated that the groundwater contamination case associated with a release of gasoline is open and undergoing remediation as of June 11, 2009. The most recent groundwater monitoring report for this site (RDM Environmental, February 28, 2018) indicated that groundwater flow direction is to the south-southeast, which is parallel to the subject property. Groundwater plume maps depict the area of contamination near the fueling station to the east of the warehouse building. The area of contamination reportedly extends south beneath Yolanda Avenue. The groundwater monitoring wells on the western side of the Redwood Oil site were not sampled during the most recent sampling events. However, historic sampling of these wells indicated non-detectable concentrations of petroleum hydrocarbon constituents, which indicates that the plume has not migrated west towards the subject property. The EDR Historical Auto Stations database indicated that this site has been occupied by Gantner (1973-1979), Redwood Oil Company (1980-2004) and Redwood Coast Petroleum (2005-2006). Based on groundwater flow direction and results of the most recent groundwater sampling events, this site is not expected to represent a significant environmental concern to the subject property at this time.</p>

Facility Name	Flyers Energy
Address	459 Yolanda Avenue

Distance & Direction	Adjacent to the east
Hydrologic Position	Cross-gradient
Databases Listed	LUST, HAZNET, Historic Cortese, NPDES and Notify 65
Comments	The LUST listing does not contain any pertinent information, and is likely associated with the 455 Yolanda Avenue address as discussed above. Refer to the discussion in the table above for a detailed discussion of this adjacent property.

Facility Name	Fireform Porcelain, Bill's Auto Parts
Address	368 Yolanda Avenue
Distance & Direction	Adjacent to the south (across the street)
Hydrologic Position	Down-gradient
Databases Listed	RCRA-SQG, SLIC, FINDS, ECHO, HAZNET, EDR Historical Auto Stations
Comments	The RCRA-SQG and FINDS databases indicated that this site is a registered small quantity hazardous waste generator with no reported violations. There is no pertinent information in the ECHO database. The HAZNET listings pertain to the removal and offsite disposal of hazardous materials/wastes under manifest. The EDR Historical Auto Stations database indicated that Bill's Auto Parts occupied this site in 1987, 1994 and 1995. The SLIC database indicated that this is an open groundwater contamination case involving a release of PCE, TCE, vinyl chloride and other chlorinated hydrocarbons that has impacted groundwater at the site. GeoTracker indicated that 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 TCE was detected in a domestic water supply well adjacent to 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. The most recent groundwater monitoring report for this site (Edd Clark & Associates, September 5, 2017) indicated that groundwater flow direction was observed to the southwest, south and southeast, which is away from the subject property. The plume maps identified the area of known contamination to the area south of Yolanda Avenue. However, the northern extent of the plume has not been delineated. Considering the southern, southeastern and southwestern groundwater flow direction, it appears unlikely that contamination from this site has migrated beneath the subject property. Furthermore, soil gas testing at the subject property in 2016, which included testing for VOCs, specifically TCE, did not detect this compound at the subject property in areas tested on the southern portion of the subject property which is closest to this off-site location. Therefore, based on this information together with the groundwater flow direction and results of the most recent groundwater monitoring reports, this site is not considered to be a significant environmental concern to the subject property at this time.

Facility Name	Michael's Auto, Exxon, Signal Oil Company, Enco, K&W Auto Service
Address	2642 Santa Rosa Avenue

Distance & Direction	Adjacent to the west
Hydrologic Position	Cross-gradient
Databases Listed	LUST, ENF, Historic Cortese
Comments	The LUST and Historic Cortese databases indicated that the groundwater contamination case associated with a release of gasoline was closed on September 18, 1998. The ENF listing is associated with Cleanup & Abatement orders for the former USTs. Considering the southern, southeastern and southwestern groundwater flow direction, it appears unlikely that contamination from this site has migrated beneath the subject property. The EDR Historical Auto Stations database indicated that multiple automotive service and gasoline service station tenants occupied this site from at least 1958 to 1983. Based on groundwater flow direction, LUST case closure and redevelopment of this site with the existing McDonalds restaurant, this site is not expected to represent a significant environmental concern.

Facility Name	Private Residence
Address	Private Residence
Distance & Direction	Not verified - plotted by EDR to the east-soputheast
Hydrologic Position	Cross-gradient or down-gradient
Databases Listed	LUST
Comments	There is no address associated with this private residence. The LUST case associated with a release of gasoline that impacted groundwater was closed on August 3, 2001. Based on groundwater flow direction and LUST case closure, the review of regulatory agency files for this site was not deemed necessary, and this site is not expected to represent a significant environmental concern.

Facility Name	7-Eleven
Address	2648 Santa Rosa Avenue
Distance & Direction	Adjacent to the south
Hydrologic Position	Down-gradient
Databases Listed	UST
Comments	There is no pertinent information in the UST database. However, a listing in this database indicates that one or more USTs are currently registered to the active gasoline filling station at this site. There are no listings pertaining to any spills or releases of hazardous substances at this site. Based on groundwater flow direction and regulatory status, the review of regulatory agency files for this site was not deemed necessary, and this site is not expected to represent a significant environmental concern.

Facility Name	Multiple tenant listings
Address	2612 and 2626 Santa Rosa Avenue
Distance & Direction	Adjacent to the west

Hydrologic Position	Cross-gradient
Databases Listed	EDR Historical Auto Stations
Comments	The EDR Historical Auto Stations database indicated that this adjacent property has been occupied by automotive service tenants from at least 1976 to 2014. There are no listings pertaining to any spills or releases of hazardous substances at this site. Based on groundwater flow direction and regulatory status, the review of regulatory agency files for this site was not deemed necessary, and this site is not expected to represent a significant environmental concern.

Facility Name	Don's Driveshaft, R&S Radiator and Automotive, Autokraft, Kelly Winkelbauer
Address	400 Yolanda Avenue
Distance & Direction	Adjacent to the south
Hydrologic Position	Down-gradient
Databases Listed	EDR Historical Auto Stations
Comments	The EDR Historical Auto Stations database indicated that this adjacent property has been occupied by automotive service tenants from at least 1987 to 2013. There are no listings pertaining to any spills or releases of hazardous substances at this site. Based on groundwater flow direction and regulatory status, the review of regulatory agency files for this site was not deemed necessary, and this site is not expected to represent a significant environmental concern.

Facility Name	Bob's Machinery Repair and Van's Machinery
Address	412 Yolanda Avenue
Distance & Direction	Adjacent to the south
Hydrologic Position	Down-gradient
Databases Listed	EDR Historical Auto Stations
Comments	The EDR Historical Auto Stations database indicated that this adjacent property has been occupied by automotive service and/or equipment service/maintenance tenants from at least 1988 to 1999. There are no listings pertaining to any spills or releases of hazardous substances at this site. Based on groundwater flow direction and regulatory status, the review of regulatory agency files for this site was not deemed necessary, and this site is not expected to represent a significant environmental concern.

Facility Name	Pacific Bell
Address	459 Yolanda Avenue
Distance & Direction	Adjacent to the east
Hydrologic Position	Cross-gradient
Databases Listed	RCRA Non-Gen, FINDS and ECHO

Comments	The RCRA Non-Gen and FINDS databases indicated that this site is a registered non-generator of hazardous wastes with no reported violations. There is no pertinent information in the ECHO database. There are no listings pertaining to any spills or releases of hazardous substances at this site. Based on groundwater flow direction and regulatory status, the review of regulatory agency files for this site was not deemed necessary, and this site is not expected to represent a significant environmental concern.
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5.2 VAPOR MIGRATION

AEI reviewed reasonably ascertainable information for the subject and nearby properties, including a regulatory database, files for nearby release sites, and/or historical documentation, to determine if potential vapor-phase migration concerns may be present which could impact the subject property.

A soil gas survey for TPH and VOCs was completed in the area around the former gasoline UST on the southwest portion of the subject in 2016 during the UST closure process; a copy of this report is appended. The results indicated 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, per RWQCB documentation). Based on these results and the apparent planned redevelopment for residential use with an apartment complex with a proposed apartment building depicted near these detections, this finding is considered to be a REC to the subject property at this time. Refer to the Findings segment of the Executive Summary and Section 4.6 for further discussion.

6.0 INTERVIEWS AND USER PROVIDED INFORMATION

6.1 INTERVIEWS

Pursuant to ASTM E1527-13, the following interviews were performed during this assessment in order to obtain information indicating RECs in connection with the subject property.

6.1.1 OWNER AND KEY SITE MANAGER

Relation to Property	Name	Date Interviewed	Method of Contact	Year First Associated w/ Property	Notes
Owner Representative and Key Site Manager	Mr. Paul Hulsman	March 24, 2018	Telephone	Not provided	Interviewed; see Interview Summary table below

Interview Summary

Question	Owner (Representative) Response/ Comment	Key Site Manager Response/ Comment
Do you have any knowledge of USTs, clarifiers or oil/water separators, sumps, or other subsurface features?	Yes	Yes
Do you have any knowledge of previous environmental investigations conducted on site?	Yes	Yes
Do you have any knowledge of current or past industrial operations and/or other operations which would involve the use of hazardous substances and/or petroleum products?	Yes	Yes
Are you aware of any known plans for site redevelopment or change in site use?	Yes	Yes
Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?	No	No
Are you aware of any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?	No	No
Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	No	No
Are you aware of any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality?	No	No

Question	Owner (Representative) Response/ Comment	Key Site Manager Response/ Comment
Comments:	See Section 6.3 for provided documents; the property is planned for commercial redevelopment and a site plan showing an apartment complex was provided	See text box to the left.

6.1.2 PAST OWNERS, OPERATORS, AND OCCUPANTS

AEI did not attempt to interview past owners, operators, and occupants of the subject property because information from these sources would likely be duplicative of information already obtained from other sources.

6.1.3 INTERVIEW WITH OTHERS

Information obtained during interviews with local government officials is incorporated into the appropriate segments of this section.

6.2 USER PROVIDED INFORMATION

User provided information is intended to help identify the possibility of RECs in connection with the subject property. According to ASTM E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), certain items should be researched by the prospective landowner or grantee, and the results of such inquiries may be provided to the Environmental Professional. The responsibility for qualifying for LLPs by conducting the inquiries ultimately rests with the User, and providing the information to the Environmental Professional would be prudent if such information is available.

The User did not complete the ASTM User Questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.

Question	Response/ Comment
<p>1. Environmental liens that are filed or recorded against the property (40 CFR 312.25)</p> <p>Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?</p>	Information not provided
<p>2. Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi).</p> <p>Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?</p>	Information not provided

Question	Response/ Comment
<p>3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).</p> <p>Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?</p>	Information not provided
<p>4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).</p> <p>Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?</p>	Information not provided
<p>5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).</p> <p>Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:</p> <p>(a) Do you know the past uses of the property? (b) Do you know of specific chemicals that are present or once were present at the property? (c) Do you know of spills or other chemical releases that have taken place at the property? (d) Do you know of any environmental cleanups that have taken place at the property?</p>	Information not provided
<p>6. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).</p> <p>Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?</p>	Information not provided

6.3 PREVIOUS REPORTS AND OTHER PROVIDED DOCUMENTATION

Documentation was provided to AEI by the client during this assessment. A summary of this information follows:

Site Plan and Concept Design Package

A site plan and Concept Design Package document was provided that depicts an In-N-Out fast food restaurant on the northwest portion with remaining areas depicted as an apartment complex development consisting of 11 apartment buildings, one clubhouse building with a swimming pool, and four parking structures.

Environmental Geology Services, Report: Low-Threat Closure Site Evaluation and Request for Case Closure, Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa, California, December 27, 2016

Environmental Geology Services (EGS) prepared the report for Hulsman Transportation, and was prepared in response to directives from the North Coast Regional Water Quality Control Board

(RWQCB) for the 325 Yolanda Avenue property, and in accordance with RWQCB's October 5, 2015 and May 13, 2016 letters. The report included a revised Low-Threat Closure Policy (LTCP) Site Evaluation and an update to the site specific Site Conceptual Model (SCM). The goal of the submitted documentation was to achieve case closure for the subject property in accordance with RWQCB's LTCP.

EGS indicated that the subject property has been owned by the Hulsman family since the 1940s, and was used as a Hulsman Transportation facility for trucking and transportation of goods since the 1940s. At the time of EGS' assessment, the subject property contained a loading dock, storage and parking areas. Hulsman reportedly discontinued the trucking business, and had leased a portion of the subject property for construction company storage of equipment, and staging areas of development and infrastructure improvement projects in Santa Rosa.

EGS referenced several prior investigations at the subject property, including UST removal, groundwater monitoring, remedial investigations, corrective action plans, well destruction reports and a soil vapor investigation and sensitive receptor survey. EGS indicated that the current UST investigation is associated with residual soil and groundwater contamination related to a former 500-gallon UST that contained leaded gasoline. The former UST was removed from the subject property in September 1982, and the UST was approximately 40-50 years old at the time of removal. No soil was excavated at the time of UST removal, and no follow-up soil or groundwater sampling was reportedly conducted. On October 4, 1988, one 4,000-gallon diesel fuel UST and one 8,000-gallon diesel UST were removed from the subject property. Confirmation soil sidewall samples were collected, which initially indicated residual diesel fuel contamination. Soil was subsequently excavated, and additional confirmation sidewall samples were collected. These samples reportedly contained no detections of residual diesel fuel. On November 29, 1988, a monitoring well was installed to a depth of 46.5 feet below ground surface (bgs). A soil sample collected from the monitoring well boring at a depth of 15 feet bgs did not contain any detectable levels of the compounds analyzed. In addition, groundwater sampling between December 7, 1988 and October 25, 1989 did not identify any detectable concentrations of Total Petroleum Hydrocarbons (TPH) as diesel (TPH-d), TPH as motor oil (TPH-mo), or Benzene, Toluene, Ethylbenzene and Xylenes (BTEX). An additional well was installed in April 1990 near the former diesel fuel USTs, and soil and groundwater samples did not identify any detectable levels of TPH as gasoline (TPH-g) or BTEX. Soil excavation and removal was subsequently completed in December 1991, and additional soil sampling was conducted, which identified TPHg and BTEX in a bottom soil sample.

EGS indicated that subsequent groundwater investigations were conducted in 1992, which identified elevated concentrations of TPH-g and BTEX in the area east of the former gasoline UST. In 1998, a soil and groundwater investigation was implemented by Edd Clark & Associates, which identified elevated concentrations of TPH-g and BTEX in the area of the former gasoline UST. Additional groundwater investigations were conducted between 2001 and 2004, and a Corrective Action Plan (CAP) was prepared in 2008. EGS was subsequently retained by Hulsman to continue the UST investigation in 2011, and completed groundwater monitoring and implementation of the CAP using an Air Operated Sparge System (AOSS). EGS also further characterized the site, and completed a Soil Vapor Investigation and Sensitive Receptor Survey in November 2016.

EGS included a detailed discussion of the remedial actions completed at the subject property,

which began in 2013. EGS installed ten (10) sparge wells, which included two deeper sparge wells in the second groundwater aquifer, and eight wells in the shallow aquifer. The AOSS was tested and operated for approximately six months. RWQCB approved EGS turning off the AOSS to conduct groundwater sampling to determine if concentrations of residual petroleum hydrocarbons would rebound. EGS indicated that residual petroleum hydrocarbon concentrations did rebound, but remained well below the LTCP criteria. As such, EGS recommended that RWQCB consider the case for closure per LTCP criteria.

RWQCB, Interoffice Communication, No Further Action Recommendation for Hulsman Transportation Company, 325 Yolanda Avenue, Santa Rosa, California, January 10, 2017

RWQCB indicated that 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.

RWQCB indicated that 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.

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.

As described above, the UST systems were removed and impacted soil was over-excavated 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.

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.

RWQCB indicated that the site meets the general criteria of the LTCP. 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: RWQCB 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: RWQCB 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.

RWQCB, Proposal for Requiring No Further Action for Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa, California, January 24, 2017

RWQCB submitted a letter to Mr. James Hulsman, which confirmed that the subject property meets the LTCP criteria for closure. RWQCB indicated that case closure does not necessarily mean all contamination has been remediated, but rather that the agency would not require further work regarding the contamination. RWQCB requested public noticing contact information so a public notice of the planned closure could be submitted.

RWQCB, Notice of Proposed No Further Action for Hulsman Transportation Company, 325 Yolanda Avenue, Santa Rosa, California, February 24, 2017

RWQCB indicated that a soil and groundwater investigation was conducted at the above-referenced site and a release of petroleum hydrocarbons was documented. Although some contamination remains, this site meets the conditions for closure under the State Water Resources Control Board's "Low-Threat Underground Storage Tank Case Closure Policy." Regional Water Board staff proposes that no further work be required. The purpose of this notice is to inform interested parties, including owners of nearby land, that the case is being considered for closure, and to invite public comment on this proposed decision.

RWQCB indicated that the subject property formerly contained three USTs, which included 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. In the 1980s, the USTs and impacted soil surrounding the USTs were removed. Soil and groundwater at and around the site have been investigated. Monitoring shows that residual petroleum contamination in shallow groundwater exists next to and under Yolanda Avenue. Water supply wells identified near the site are not affected by the contamination.

RWQCB indicated that case closure is proposed since the site meets the conditions for closure under LTCP. The comment period reportedly ended on April 25, 2017.

RWQCB, No Further Action for Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa, California, June 26, 2017

The letter confirmed the completion of a site investigation and corrective action for the underground storage tanks formerly located at the above-described location. The letter stated the following, "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."

Ardent Environmental Group, Environmental Review for Former Hulsman Transportation Property, 325 Yolanda Avenue, Santa Rosa, California, March 23, 2018

Ardent Environmental Group, Inc. (Ardent) prepared the Environmental Review for Wolff Enterprises II, LLC. Ardent indicated that it was their understanding that Wolff Enterprises II, LLC was considering the acquisition of the subject property. Ardent's letter presented a summary of the current environmental condition of the site and surrounding properties, potential environmental concerns at the site and Ardent's interpretation of potential risk and liabilities associated with acquisition and ownership of the site.

Ardent included a detailed discussion of the environmental history of the subject property, which was documented in multiple previous reports as discussed above. Ardent identified three offsite properties of potential environmental concern (Redwood Oil – 455 Yolanda Avenue, Malm Fireplaces – 368 Yolanda Avenue and Malm Metals – 2640 Santa Rosa Avenue).

- The Redwood Oil LUST case was open, and soil and groundwater had been impacted by gasoline, diesel and MTBE. The facility was undergoing remediation under RWQCB oversight. Ardent reviewed a December 19, 2017 groundwater monitoring report for this site, which indicated that the impacted soil and groundwater plumes had been well defined and did not encroach onto the subject property. Ardent concluded that based on the results of the groundwater investigation and cross-gradient location, the Redwood Oil facility would not likely present an environmental concern to the subject property.
- The Malm Fireplaces site had a dripping solvent tank that was used as a part of fireplace manufacturing processes. In 1999, it was determined that shallow groundwater and soil vapor had been impacted with the volatile organic compound (VOC) trichloroethylene (TCE). Ardent revised the April 22, 2016 Groundwater Monitoring Report for this site, which indicated that the northern-most extent of the TCE plume in shallow groundwater had not been defined and may extend beneath Yolanda Avenue. However, Ardent indicated that groundwater flow direction was to the south-southwest, and it was unlikely that the plume will migrate and intermingle with the remaining gasoline and BTEX plume at the subject property. Ardent concluded that based on the down-gradient position, this facility would not likely represent an environmental concern at the subject property.
- The Malm Metals site was identified as a closed LUST case, and the facility previously utilized a 1,000-gallon gasoline UST that was reportedly leaking and had impacted groundwater. The UST was removed in 1982, and soil and groundwater sampling and remediation were subsequently conducted. Approximately 9,000 cubic yards of impacted soil were also removed from this site. The site was granted case closure by RWQCB on

December 11, 2017. Based on closure and down-gradient position, Ardent concluded that this facility would not likely represent an environmental concern to the subject property.

Ardent included three recommendations:

- Prior to and during any redevelopment activities at the subject property, the Soil and Groundwater Management Plan (SGMP) for the subject property should be implemented.
- If redevelopment activities extend into or disturb impacted soil and/or groundwater, there may be costs associated with the testing, handling and disposal of any impacted material encountered.
- Prior to acquisition of the site, a Phase I Environmental Site Assessment should be performed and a screening level soil vapor investigation should be completed to assess areas of the site not included in previous investigations.

6.4 ENVIRONMENTAL LIEN SEARCH

In accordance with our approved scope of services, an environmental lien search was not performed as part of this assessment.

7.0 SITE RECONNAISSANCE

Site Reconnaissance Date	April 24, 2018
AEI Site Assessor(s)	Christopher Olsen
Property Escort(s)/ Relationship(s) to Property	None
Units/Areas Observed	Interior and exterior areas of all structures except for the concrete block structure
Area(s) not accessed and reason(s)	Interior of the concrete block structure Refer to Section 1.5 for discussion of limiting condition(s).
Other Physical Constraints	None

Reconnaissance Findings Summary

Feature	Observed on Subject Property (see Section 7.1)	Observed on Adjacent Property (see Section 7.2)
Regulated Hazardous Substances/Wastes and/or Petroleum Products in Connection with Property Use	✓	✓
Aboveground/Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)		✓
Hazardous Substance and Petroleum Product Containers Not in Connection with Property Use		
Unidentified Substance Containers		
Electrical or Mechanical Equipment Likely to Contain Fluids		✓
Interior Stains or Corrosion		
Strong, Pungent, or Noxious Odors		
Pools of Liquid		
Drains, Sumps, and Clarifiers	✓	
Pits, Ponds, and Lagoons		
Stained Soil or Pavement		
Stressed Vegetation		
Solid Waste Disposal or Evidence of Fill Materials		
Waste Water Discharges		
Wells	✓	
Septic Systems		
Biomedical Wastes		
Other		

7.1 SUBJECT PROPERTY RECONNAISSANCE FINDINGS

During the site reconnaissance, AEI observed the items listed in the above Reconnaissance Findings Summary table, which are further discussed below.

7.1.1 REGULATED HAZARDOUS SUBSTANCES/WASTES AND/OR PETROLEUM PRODUCTS IN CONNECTION WITH PROPERTY USE

Substance/Waste (size/quantity)	Location	Operations Associated with Material	Disposal Method/Frequency	Secondary Containment	Staining/Spills
Janitorial/maintenance supplies/retail-sized containers	Warehouses	Facility maintenance	N/A	No	None observed
Motor oil/5-gallon buckets	Warehouse	Unknown	Unknown	No	None observed

No evidence of any surface staining or spillage of hazardous substances was observed at the subject property.

7.1.2 DRAINS, SUMPS, AND CLARIFIERS

AEI observed one sump pump adjacent to vacant office on the western side of the subject property. The sump pump appeared to have been used to discharge accumulated storm water from the area adjacent to the building to an area south of the building. Based on the apparent use of the sump pump solely for removal of storm water, the presence of the sump pump is not expected to represent a significant environmental concern.

7.1.3 WELLS

AEI observed an apparent well and pressure tank to the east of the Hulsman Transportation building. The well did not appear to be in use at the time of the site assessment and is located up-gradient of the known groundwater impacts and was not identified as potentially impacted during the receptor survey completed in 2016. According to RWQCB reviewed information, groundwater collected from the Hulsman on-site domestic well was tested four times between 1989 and 2016. The results indicate that site contaminants have not impacted the well. According to the Soil and Groundwater Management Plan dated May 12 ,2017, the well is an active domestic groundwater supply well and was not required to be destroyed during the UST case closure process. The SGMP further states 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 Permit & Resource Management Department. As such, and because wells provide a conduit to the subsurface, if the well is not planned for future use, AEI recommends that the well be properly decommission per applicable regulations.

7.2 ADJACENT PROPERTY RECONNAISSANCE FINDINGS

During the site reconnaissance, AEI observed the items listed in the above Reconnaissance Findings Summary table, which are further discussed below.

7.2.1 REGULATED HAZARDOUS SUBSTANCES/WASTES AND/OR PETROLEUM PRODUCTS IN CONNECTION WITH PROPERTY USE

The adjacent sites to the east, south and west were observed to be occupied by gasoline filling

stations and auto repair facilities. Based on the nature of use, hazardous substances are likely utilized/stored on the site. These adjacent sites were identified in the regulatory database and are further discussed in Section 5.1.

7.2.2 ABOVEGROUND/UNDERGROUND HAZARDOUS SUBSTANCE OR PETROLEUM PRODUCT STORAGE TANKS (ASTs/USTs)

The adjacent sites to the south and east were observed to be occupied by gas stations. Based on the nature of use, USTs as well as other hazardous substances are likely utilized on the site. These sites were identified in the regulatory database and is further discussed in Section 5.1.

7.2.3 ELECTRICAL OR MECHANICAL EQUIPMENT LIKELY TO CONTAIN FLUIDS

Toxic PCBs were commonly used historically in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. According to United States EPA regulation 40 CFR, Part 761, there are three categories for classifying such equipment: <50 ppm of PCBs is considered "Non-PCB"; between 50 and 500 ppm is considered "PCB-Contaminated"; and >500 ppm is considered "PCB-Containing". Pursuant to 15 U.S.C. 2605(e)(2)(A), the manufacture, process, or distribution in commerce or use of any polychlorinated biphenyl in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

Transformers

The management of potential PCB-containing transformers is the responsibility of the local utility or the transformer owner. Actual material samples need to be collected to determine if transformers are PCB-containing.

Multiple pad-mounted transformers were observed on the adjacent sites during the site reconnaissance. No spills, staining, or leaks were observed on or around the transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

8.0 NON-ASTM SERVICES

8.1 ASBESTOS-CONTAINING BUILDING MATERIALS

Asbestos is the name for a group of naturally occurring silicate minerals that can be separated into fibers. The fibers are strong, durable, and resistant to heat and fire. They are also long, thin and flexible, so they can even be woven into cloth. Because of these qualities, asbestos has been used in thousands of consumer, industrial, maritime, automotive, scientific and building products. During the 20th century, some 30 million tons of asbestos have been used in industrial sites, homes, schools, shipyards and commercial buildings in the United States. Commercial use of ACM began in the early 1900's and peaked in the period between 1940 and into the 1970's. Common ACMs include pipe-covering, insulating cement, insulating block, refractory and boiler insulation materials, transite board, fireproofing spray, joint compound, vinyl floor tile, ceiling tile, mastics, roofing products, and duct insulation for HVAC applications. Inhalation of asbestos fibers can result in deleterious health effects.

The potential for ACM was evaluated based the USEPA Guidance Document: Managing Asbestos in Place - A Building Owner's Guide to Operations and Maintenance Programs for Asbestos-Containing Materials (the Green Book). In 1973 the NESHAPS banned the use of most spray-applied surfacing ACM, specifically asbestos containing spray-on fireproofing and insulation. Subsequent revisions to this regulation in 1975 and 1978 effectively eliminated the use of friable pre-molded pipe, boiler, turbine, and duct insulation; and the spray application of friable asbestos-containing materials for all uses in buildings. In 1989 the EPA issued regulations to ban some asbestos-containing products and phase out most others over a multi-year period. The "Ban and Phase-Down" rule was challenged in court and the regulation remanded to the agency. As a result, any asbestos-containing products then "in commerce" would not be banned. Those not in commerce would be banned. Those materials "banned" could not be sold. It did not affect such materials already installed, or in use. Most US firms voluntarily ceased production of asbestos containing building materials not covered by the aforementioned Federal bans by the mid-1980's. In 1994, the OSHA determined that employers and building owners are required to treat installed thermal system installation and sprayed on and troweled-on surfacing materials, as well as vinyl or asphalt flooring material, as ACM in buildings constructed no later than 1980 until tested by laboratory analysis to prove otherwise.

The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state or local regulations in regards to ACM.

Due to the age of the subject property buildings, there is a potential that ACMs are present. A limited list of typical suspect ACMs is included in the following table:

Material Type	Location
Plaster (acoustical and smooth)	Walls and ceilings
Ceiling tile	Ceiling systems
Thermal systems insulations, packings, and gaskets	Heating systems, cooling systems, domestic and heating and cooling piping, ductwork, and other equipment
Floor tile and associate mastics, flooring felts, and papers (under hardwood/other)	Floors
Vinyl sheet flooring and adhesives	Floors
Cove base and associated mastics	Walls
Ceramic tile adhesives and grouts	Walls, floors, and ceilings
All adhesives	Mirrors, wall coverings, construction, etc.
Grout and caulking	Windows and doors
Gypsum board, tape, and joint compound	Wall and ceiling systems
Insulation materials	Walls, ceilings, and attic spaces
Roofing materials (felts, rolled, shingle, flashings, adhesives, tar, and insulations)	Roof and parapet wall systems
Brick and block, mortars	Walls

According to client provided documentation, demolition of the subject property buildings is planned for the near future. Regardless of building construction date, the EPA's NESHAP requires that a thorough asbestos survey be performed prior to demolition or renovation activities that may disturb ACMs. This requirement may be enforced by federal, state and local regulatory agencies, and specifies that all suspect ACMs be sampled to determine the presence or absence of asbestos prior to any renovation or demolition activities which may disturb them to prevent potential exposure to workers, building occupants, and the environment. Similarly, OSHA regulations require that specific work practices be implemented when handling construction materials and debris that contain asbestos and/or lead-containing materials.

8.2 LEAD-BASED PAINT

LBP is defined as any paint, varnish, stain, or other applied coating that has ≥ 1 mg/cm² (5,000 µg/g or 5,000 ppm) or more of lead by federal guidelines; state and local definitions may differ from the federal definitions in amounts ranging from 0.5 mg/cm² to 2.0 mg/cm². Section 1017 of the Housing and Urban Development (HUD) Guidelines, Residential Lead-Based Paint Hazard Reduction Act of 1992, otherwise known as "Title X", defines a LBP hazard as "any condition that causes exposure to lead that would result in adverse human health effects" resulting from lead-contaminated dust, bare, lead-contaminated soil, and/or lead-contaminated paint that is deteriorated or present on accessible, friction, or impact surfaces. Therefore, under Title X, intact LBP on most walls and ceilings would not be considered a "hazard", although the paint should be maintained and its condition monitored to ensure that it does not deteriorate and become a hazard. Additionally, Section 1018 of this law directed HUD and EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978. Most private housing, public housing, or federally owned or subsidized housing is affected by this rule.

Under OSHA, LCP is defined as any paint with any detectable amount of lead present in it. Therefore, all LBP is considered LCP. Conversely, LCP may not meet the criteria to be considered LBP in accordance with HUD guidelines or some states' definition of LBP.

It is important to note that LCP may create a lead hazard when being removed. The condition of these materials must be monitored when they are being disturbed. In the event LCP is subject to abrading, sanding, torching, and/or cutting during demolition or renovation activities, there may be regulatory issues that must be addressed.

The information below is for general informational purposes only and does not constitute a lead hazard evaluation. In addition, the information is not intended to comply with federal, state, or local regulations in regards to LBP.

In buildings constructed after 1978, it is unlikely that LBP is present; however, some paints utilized after 1978 will be LCP under OSHA. Structures built prior to 1978 and especially prior to the 1960s should be expected to contain LBP.

Due to the age of the subject property buildings, there is a potential that LBP is present. AEI understands that demolition activities of the subject property buildings are planned. AEI recommends that the property owner conduct a lead based paint screening to determine options for control of possible LBP hazards. Stringent local and State regulations may apply to LBP in association with building demolition and worker/occupant protection. It should be noted that construction activities that disturb materials or paints containing any amount of lead may be subject to certain requirements of the OSHA lead standard contained in 29 CFR 1910.1025 and 1926.62.

8.3 RADON

Radon is a naturally-occurring, odorless, and invisible gas. Natural radon levels vary and are closely related to geologic formations. Radon may enter buildings through basement sumps or other openings.

The United States EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three radon zones, with Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action Limit of 4.0 pCi/L. It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not requested as part of this assessment. According to the US EPA, the radon zone level for the area is Zone 3, which has a predicted average indoor screening level less than 2 pCi/L, below the action level of 4 pCi/L set forth by the US EPA.

8.4 MOLD/INDOOR AIR QUALITY ISSUES

Molds are simple microscopic organisms which can often be seen in the form of discoloration, frequently green, gray, white, brown, or black. When excessive moisture or water accumulates indoors, mold growth may occur, particularly if the moisture problem remains undiscovered or unaddressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials, including drywall, wallpaper, baseboards, wood framing, insulation, and carpeting, often play host to such growth.

Mold spores primarily cause health problems through the inhalation of spores or the toxins they emit when they are present in large numbers. This can occur when there is active mold growth within places where people live or work.

Mold, if present, may or may not visually manifest itself. Neither the individual completing this inspection, nor AEI has any liability for the identification of mold-related concerns except as defined in applicable industry standards. In short, this Phase I ESA should not be construed as a mold survey or inspection.

This activity was not designed to discover all areas which may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication if significant (based on observed areas) mold growth is present at the subject property. Potential areas of mold growth, such as in pipe chases, HVAC systems, and behind enclosed walls and ceilings, were not observed as part of this limited assessment.

AEI observed interior areas of the subject property buildings to identify the potential presence of mold. AEI did not note obvious visual or olfactory indications of the presence of mold, nor did AEI observe obvious indications of significant water damage. As such, no bulk sampling of suspect surfaces was conducted as part of this assessment and no additional action with respect to suspect mold appears to be warranted at this time.

9.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:



Christopher Olsen
Associate Consultant

Reviewed By:



Margo Mackey, REPA, M.S.
Senior Author

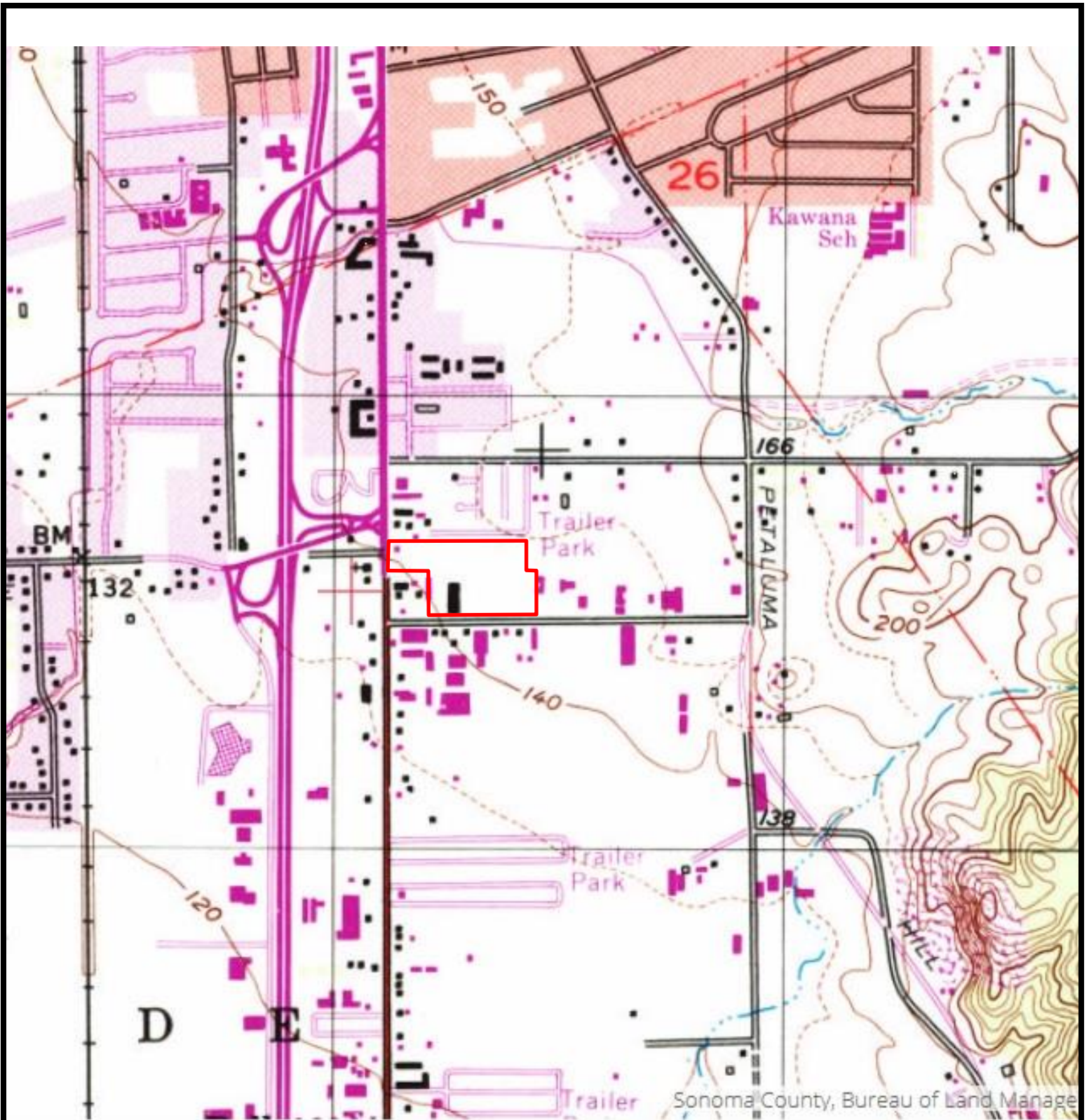
10.0 REFERENCES

Item	Date(s)	Source
Soils Information	Accessed April 2018	USDA Web Soil Survey http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx
Topographic Map	1994	USGS, Santa Rosa
Depth to Groundwater Information	December 27, 2016	Environmental Geology Services' December 27, 2016 Report - Low Threat Closure Site Evaluation and Request for Case Closure - Hulsman Transportation (325 Yolanda Avenue, Santa Rosa, California)
Aerial Photographs	1942, 1952, 1968, 1973, 1982, 1985, 1993, 2005, 2006, 2009, 2010, 2012	Environmental Data Resources, Inc.
Sanborn Map Report/Search	No Coverage Letter (April 16, 2018)	Environmental Data Resources, Inc.
City Directories	April 17, 2018	Environmental Data Resources, Inc.
Environmental Health Department/ State Environmental Agency	April 14, 2018	Sonoma County Environmental Health & Safety
Fire Department	April 14, 2018	Santa Rosa Fire Department
Building Department	April 14, 2018	Santa Rosa Building Department
Planning Department	April 14, 2018	Santa Rosa Planning Department
Assessor's Information and Parcel Map	April 14, 2018	Sonoma County Assessor's Office
Other Agencies Searched	April 14, 2018	SWRCB Geotracker, DTSC HWTS, and DTSC Envirostor, BAAQMD databases
Oil and Gas Wells	April 14, 2018	Division of Oil, Gas and Geothermal Resources
Oil and Gas Pipelines	April 14, 2018	NPMS Public Map Viewer https://www.npms.phmsa.dot.gov/PublicViewer/composite.jsf
State Environmental Superliens	April 14, 2018	NETR Online Environmental Lien and AUL State Statutes website http://environmental.netronline.com/lienStatutes.aspx
Property Transfer Laws	April 14, 2018	
Regulatory Database Report	April 16, 2018	EDR
Interview with Owner	April 24, 2018	Mr. Paul Hulsman
Previous Report	December 27, 2016	Environmental Geology Services, Report: Low-Threat Closure Site Evaluation and Request for Case Closure, Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa, California

Item	Date(s)	Source
Previous Report	January 10, 2017	RWQCB, Interoffice Communication, No Further Action Recommendation for Hulsman Transportation Company, 325 Yolanda Avenue, Santa Rosa, California
Previous Report	January 24, 2017	RWQCB, Proposal for Requiring No Further Action for Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa, California
Previous Report	February 24, 2017	RWQCB, Notice of Proposed No Further Action for Hulsman Transportation Company, 325 Yolanda Avenue, Santa Rosa, California
Previous Report	June 26, 2017	RWQCB, No Further Action for Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa, California
Previous Report	March 23, 2018	Ardent Environmental Group, Environmental Review for Former Hulsman Transportation Property, 325 Yolanda Avenue, Santa Rosa, California
Radon Zone Information	1993	US EPA Map of Radon Zones https://www.epa.gov/radon

APPENDIX A

FIGURES



Legend

Approximate Property Boundary —

Source: USGS Topographic Map *Santa Rosa, CA* (1994)



Figure 1: TOPOGRAPHIC MAP

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants

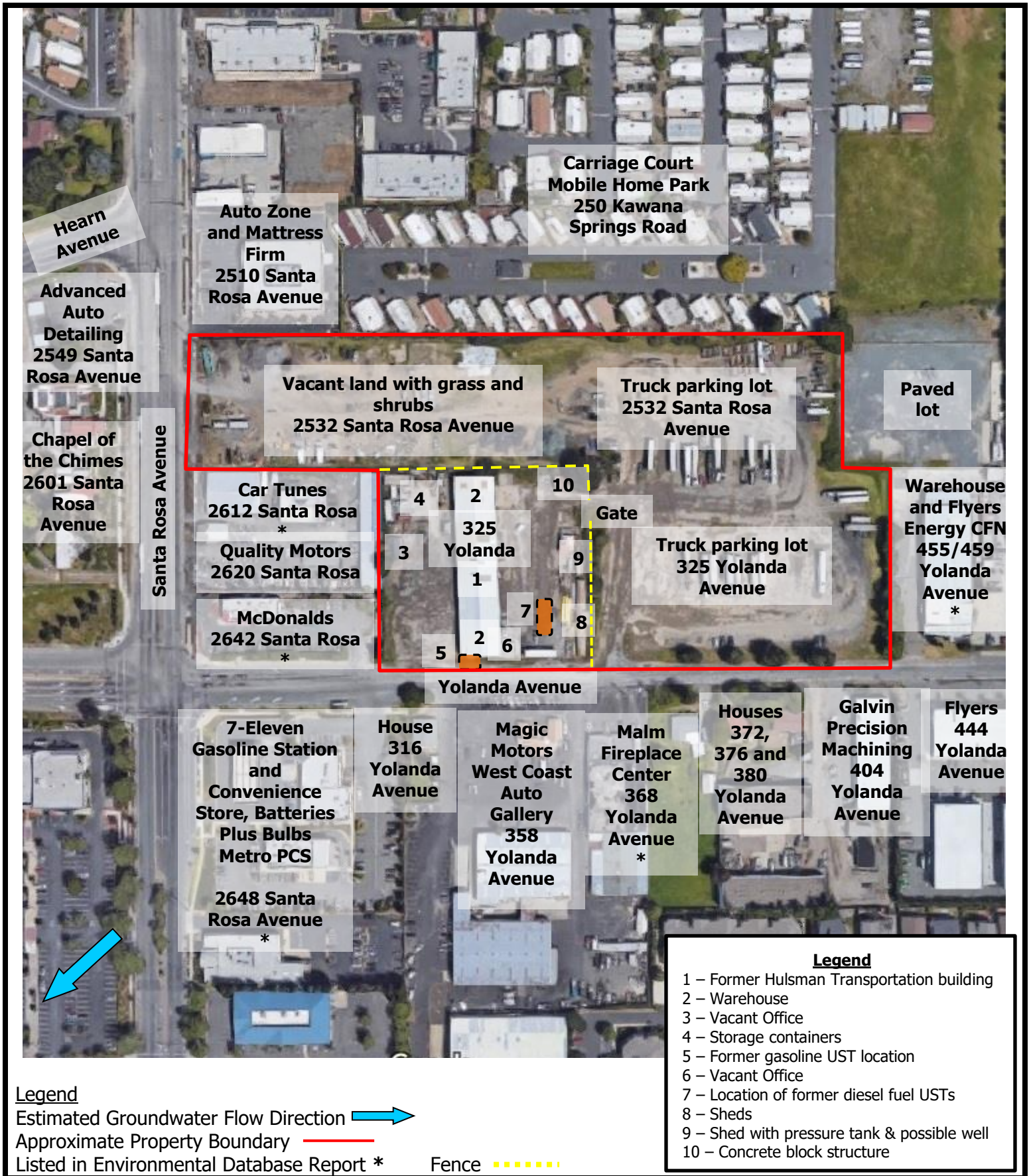


Figure 2: SITE MAP

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407
 Project Number: 387046



APPENDIX B

PROPERTY PHOTOGRAPHS



1. Vacant land on the northern portion of the subject property



2. Vacant land (2532 Santa Rosa Avenue)



3. Paved truck parking lot on the northeastern portion of the subject property



4. Paved truck parking lot on the eastern side of the subject property



5. Truck parking lot on the eastern side of the subject property



6. Gate on the central portion of the 325 Yolanda property



7. View south of the 325 Yolanda property



8. Concrete block building adjacent to the northwest of the gate



9. Former Hulsman Transportation building



10. Former Hulsman Transportation building



11. Former Hulsman Transportation building



12. Former Hulsman Transportation building



13. Office



14. Sump pump adjacent to the office



15. Gravel-covered yard



16. Former Hulsman Transportation building



17. Former Hulsman Transportation building



18. Roll-off dumpsters



19. Approximate location of the former gasoline UST



20. Approximate location of the former diesel fuel USTs



21. Office



22. Shed



23. Shed



24. Shed



25. Shed



26. Interior of the former Hulsman Transportation building



27. Interior of the former Hulsman Transportation building



28. Interior of the former Hulsman Transportation building



29. Interior of the former Hulsman Transportation building



30. Interior of the former Hulsman Transportation building



31. Interior of the former Hulsman Transportation building



32. Interior of the former Hulsman Transportation building



33. Interior of the former Hulsman Transportation building



34. Interior of the former Hulsman Transportation building



35. Interior of the former Hulsman Transportation building



36. Former Hulsman Transportation building



37. Office interior



38. Office



39. Office



40. Office



41. Apparent pressure tank in the shed



42. Apparent pressure tank in the shed



43. Shed interior



44. Shed interior



45. Carriage Court Mobile Home Park adjacent to the north



46. Warehouse (455 Yolanda Avenue) adjacent to the east



47. Paved lot adjacent to the east



48. Flyers (444 Yolanda Avenue) adjacent to the south



49. Galvin Precision Machining (404 Yolanda Avenue) adjacent to the south



50. Malm Fireplace Center (368 Yolanda Avenue) adjacent to the south



51. Magic Motors and West Coast Auto Gallery (358 Yolanda Avenue) adjacent to the south



52. Residences adjacent to the south



53. Residence adjacent to the south



54. 7-Eleven Gasoline Station, Convenience Store and Retail units (2648 Santa Rosa)
adjacent to the south



55. McDonalds (2642 Santa Rosa Avenue) adjacent to the west



56. Quality Motors (2620 Santa Rosa Avenue) adjacent to the west



57. Car Tunes (2612 Santa Rosa Avenue) adjacent to the west and south



58. Chapel of the Chimes (2601 Santa Rosa Avenue) adjacent to the west



59. Auto Zone and Mattress Firm (2510 Santa Rosa Avenue) adjacent to the north

APPENDIX C

REGULATORY DATABASE

387046

325 Yolanda Avenue and 2532 Santa Rosa Avenue
Santa Rosa, CA 95404

Inquiry Number: 5260394.2s
April 16, 2018

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

325 YOLANDA AVENUE AND 2532 SANTA ROSA AVENUE
SANTA ROSA, CA 95404

COORDINATES

Latitude (North): 38.4141740 - 38° 24' 51.02"
Longitude (West): 122.7113490 - 122° 42' 40.85"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 525200.2
UTM Y (Meters): 4251603.0
Elevation: 147 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:
 325 YOLANDA AVENUE AND 2532 SANTA ROSA AVENUE
 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	HULSMAN TRANSPORTATI	325 YOLANDA AVENUE	LUST, ENF, HIST CORTESE		TP
A2	MATHESON FREIGHT INC	325 YOLANDA AVE	HAZNET		TP
A3	HULSMAN TRANS	325 YOLANDA AVE	SWEEPS UST, CA FID UST		TP
A4	HULSMAN TRANSPORTATI	325 YOLANDA AVENUE	RGA LUST		TP
A5	AUTOKRAFT	325 YOLANDA AVE	EDR Hist Auto		TP
A6	HULSMAN TRANSPORTATI	325 YOLANDA	FINDS		TP
A7	CHAIN ENTERPRISES	325 YOLANDA AVE	HAZNET		TP
A8	MAJOR DIESEL	325 YOLANDA AVE	HAZNET		TP
A9	MATHESON FASTFRIEGHT	3250 YOLANDA AVE	HAZNET		TP
A10	HULSMAN TRANS	325 YOLANDA AVE	HIST UST		TP
B11	MALM FIREPLACES	326 & 368 YOLANDA AV	Cortese, EMI, ENF	Lower	34, 0.006, SSW
C12	NORTH BAY HONDA SLS	2612 SANTA ROSA AVE	EDR Hist Auto	Lower	61, 0.012, West
D13	H DONS DRIVESHAFT	400 YOLANDA AVE	EDR Hist Auto	Higher	72, 0.014, SE
D14	BOBS V W MACHINERY R	412 YOLANDA AVE	EDR Hist Auto	Higher	73, 0.014, SE
B15	B BILLS AUTO PARTS	368 YOLANDA AVE	EDR Hist Auto	Lower	83, 0.016, South
B16	FIREFORM PORCELAIN I	368 YOLANDA AVE	RCRA-SQG, SLIC, FINDS, ECHO, HAZNET	Lower	83, 0.016, South
E17	SANTA ROSA PLANT	455 YOLANDA AVE	HIST UST, CHMIRS, WDS	Higher	101, 0.019, East
E18	REDWOOD OIL COMPANY	455 YOLANDA AVE.	AST	Higher	101, 0.019, East
E19	REDWOOD OIL #141 (BU	YOLANDA AVENUE 455	LUST	Higher	101, 0.019, East
E20	REDWOOD OIL COMPANY	455 YOLANDA AVENUE	LUST, Cortese, EMI, ENF, HIST CORTESE, NPDES,...	Higher	101, 0.019, East
E21	SANTA ROSA PLANT	455 YOLANDA AVE	SWEEPS UST, CA FID UST, EMI	Higher	101, 0.019, East
E22	REDWOOD OIL COMPANY	455 YOLANDA AVE	EDR Hist Auto	Higher	110, 0.021, East
C23	MICHAEL'S AUTO	2642 SANTA ROSA AVEN	LUST, ENF, HIST CORTESE	Lower	147, 0.028, WSW
C24	GERRICK STEVE EXXON	2642 SANTA ROSA AVE	EDR Hist Auto	Lower	147, 0.028, WSW
25	DAVES AUTO RADIO REP	2450 SANTA ROSA AVE	EDR Hist Auto	Lower	275, 0.052, NW
F26	PACIFIC BELL	459 YOLANDA	RCRA NonGen / NLR, FINDS, ECHO	Higher	282, 0.053, ESE
F27	FLYERS ENERGY 3017	459 YOLANDA AVENUE	LUST, HAZNET, HIST CORTESE, NPDES, Notify 65	Higher	282, 0.053, ESE
F28	FLYERS #479	459 YOLANDA AVE	UST	Higher	282, 0.053, ESE
F29	PRIVATE RESIDENCE	PRIVATE RESIDENCE	LUST	Higher	282, 0.053, ESE
G30	7-ELEVEN #33277	2648 SANTA ROSA AVEN	UST	Lower	297, 0.056, SW
G31	SANTA ROSA PLUME AT	YOLANDA AT SANTA ROS	SLIC	Lower	312, 0.059, WSW
C32	NOLAN C R AUTO REPAI	2626 SANTA ROSA AVE	EDR Hist Auto	Lower	314, 0.059, WSW
G33	MALM METAL PRODS INC	2640 SANTA ROSA AVE	RCRA-SQG, LUST, FINDS, ECHO, ENF, HIST CORTESE	Lower	314, 0.059, WSW
G34	AUTO LIFE CENTER	2698 SANTA ROSA AVEN	LUST, SLIC, HIST CORTESE	Lower	351, 0.066, SW
G35	AUTO LIFE CENTER AUT	2698 SANTA ROSA AVE	EDR Hist Auto	Lower	351, 0.066, SW
G36	LYLES TACKLE SHOP	2690 SANTA ROSA AVEN	SLIC	Lower	404, 0.077, SW
F37	FOREIGN AUTO WERKSTA	468 YOLANDA AVE	EDR Hist Auto	Higher	492, 0.093, ESE
38	PACIFIC BELL	463 YOLANDA AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	701, 0.133, East
39	GROG SHOP	2296 SANTA ROSA	LUST, HIST CORTESE	Lower	724, 0.137, NNW

MAPPED SITES SUMMARY

Target Property Address:
 325 YOLANDA AVENUE AND 2532 SANTA ROSA AVENUE
 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
H40	RITZ C GUGGIANA ENTE	651 YOLANDA AVE	RCRA-SQG, FINDS, ECHO, HAZNET	Higher	791, 0.150, East
H41	RITZ FOOD & EQUIP DI	651 YOLANDA AVE	HIST UST	Higher	791, 0.150, East
H42	RITZ FOOD & EQUIP DI	651 YOLANDA AVE	SWEEPS UST, HIST UST, CA FID UST	Higher	791, 0.150, East
I43	BURT STREET DEVELOPM	YOLANDA & PETALUMA R	ENVIROSTOR, VCP	Higher	895, 0.170, ESE
J44	SIETZ EUROPEAN MOTOR	112 COMMERCIAL COURT	RCRA-SQG, FINDS, ECHO, EMI, HAZNET	Lower	898, 0.170, NW
J45	BAVARIAN TUNING	112 COMMERCIAL CT	AST	Lower	898, 0.170, NW
J46	GOLDEN GATE NORTH	112 COMMERCIAL CT.	RCRA-SQG, FINDS, ECHO	Lower	898, 0.170, NW
47	KAWANA SPRINGS PIPEL	KAWANA SPRINGS	SLIC	Higher	1094, 0.207, ENE
I48	DAVIDSON, WILLIAM	800 YOLANDA AVENUE	SLIC	Higher	1097, 0.208, ESE
K49	HEPPER, TOM	SANTA ROSA AVENUE 27	LUST	Lower	1130, 0.214, SSW
K50	HEPPER, TOM	2775 SANTA ROSA AVEN	LUST, ENF, HAZNET, HIST CORTESE, Notify 65	Lower	1130, 0.214, SSW
L51	MANLY AUTOCENTER	2701 CORBY AVENUE	RCRA-SQG, SWEEPS UST, FINDS, ECHO, HAZNET	Lower	1142, 0.216, WSW
L52	MANLY AUTOCENTER	2701 CORBY	AST, EMI	Lower	1142, 0.216, WSW
L53	MANLY OLDSMOBILE - G	2701 CORBY AVENUE	UST	Lower	1142, 0.216, WSW
L54	MANLY OLDS GMC TRUCK	2755 CORBY AVE	HIST UST, CA FID UST, RCRA NonGen / NLR, FINDS,...	Lower	1163, 0.220, WSW
L55	MANLY MITSUBISHI	2755 CORBY AVENUE	LUST, SWEEPS UST, HIST CORTESE	Lower	1163, 0.220, WSW
M56	S & W INVESTMENTS	2159 SANTA ROSA	LUST, HIST CORTESE	Lower	1165, 0.221, NNW
M57	SMOTHERS AUTO CTR. I	2157 SANTA ROSA AVE	SWEEPS UST, CA FID UST	Lower	1172, 0.222, NNW
M58	SMOTHERS AUTO CTR IN	2157 SANTA ROSA AVE	HIST UST	Lower	1172, 0.222, NNW
N59	SHELL	2575 CORBY AVENUE	LUST, SWEEPS UST, CUPA Listings, HAZNET, HIST...	Lower	1192, 0.226, West
N60	SHELL SERVICE STATIO	2575 CORBY DR	RCRA-SQG, LUST, FINDS, ECHO, HAZNET	Lower	1192, 0.226, West
N61	CORBY SHELL	2575 CORBY AVENUE	UST	Lower	1192, 0.226, West
N62	COLBY AVENUE SHELL	2575 CORBY AVE	SWEEPS UST, CA FID UST	Lower	1192, 0.226, West
N63	PAUL M KALTENBACH	2575 CORBY	HIST UST	Lower	1192, 0.226, West
M64	OE'S PERFORMANCE	SANTA ROSA AVENUE 21	LUST	Lower	1211, 0.229, NNW
M65	JOE'S PERFORMANCE TO	2151 SANTA ROSA	SWEEPS UST, HIST UST, CA FID UST	Lower	1211, 0.229, NNW
M66	JOE'S PERFORMANCE TO	2151 SANTA ROSA	LUST, HIST UST, HIST CORTESE	Lower	1211, 0.229, NNW
N67	AM AND PM MINI MARKE	440 HEARN AVE	SLIC, SWEEPS UST, CHMIRS	Lower	1315, 0.249, West
N68	A&M MINI MARKET - ST	440 HEARN AVE	UST	Lower	1315, 0.249, West
N69	AM MINI MARKET DBA S	440 HEARN AVE	SWEEPS UST, CA FID UST, ENF, HAZNET	Lower	1315, 0.249, West
N70	A AND M MINI MARKET	440 HEAN AVE	HIST UST	Lower	1315, 0.249, West
N71	AM/PM MINI MART	440 HEARN AVENUE	LUST, HIST CORTESE, Notify 65	Lower	1315, 0.249, West
N72	BP WEST COAST PRODUC	440 HEARN AVE	RCRA NonGen / NLR, FINDS, HAZNET	Lower	1315, 0.249, West
73	CHEVRON #9-6449	2200 SANTA ROSA AVEN	LUST, HIST CORTESE	Higher	1391, 0.263, North
74	BIDDULPH CHEVROLET	2770 CORBY AVE	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Lower	1408, 0.267, SW
O75	MANLY HONDA	2750 CORBY	LUST, AST, HIST CORTESE	Lower	1420, 0.269, WSW
O76	MANLY HONDA	CORBY AVENUE 2750	LUST	Lower	1420, 0.269, WSW
77	STANDARD BRANDS PAIN	1993 SANTA ROSA AVEN	LUST, HIST CORTESE	Lower	1704, 0.323, NNW
78	SUMMERHILL / KAUFMAN	PETALUMA HILL & BURT	SLIC	Lower	1738, 0.329, SE

MAPPED SITES SUMMARY

Target Property Address:
 325 YOLANDA AVENUE AND 2532 SANTA ROSA AVENUE
 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
79	MEAD CLARK LUMBER SU	RAILROAD AVENUE 175	LUST	Lower	1791, 0.339, West
P80	PRESTIG IMPORTS	2800 CORBY AVE	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Lower	1819, 0.345, SW
P81	PRESTIGE ACURA	CORBY AVENUE 2840	LUST	Lower	1851, 0.351, SW
82	MEAD CLARK LUMBER SU	3RD ST	HIST CORTESE	Lower	1938, 0.367, WSW
P83	ZUMWALT MAGRINI USED	2820 CORBY	LUST, HIST CORTESE	Lower	1984, 0.376, SW
P84	SANTA ROSA AMC-JEEP	2820 CORBY AVE	LUST, SWEEPS UST, HIST UST, CA FID UST	Lower	1984, 0.376, SW
85	GREG'S AUTOMOTIVE	DUTTON	Notify 65	Lower	2042, 0.387, West
86	PRESTIGE ACURA	2840 CORBY AVENUE	LUST, SWEEPS UST, HIST CORTESE	Lower	2054, 0.389, SW
Q87	MOUNTAIN VIEW MOBILE	2860 SANTA ROSA AVEN	SLIC	Lower	2140, 0.405, SSW
Q88	YAEGER & KIRK LUMBER	2875 SANTA ROSA	LUST, HIST CORTESE	Lower	2204, 0.417, SSW
Q89	YAEGER & KIRK LUMBER	SANTA ROSA AVENUE 28	LUST	Lower	2222, 0.421, SSW
R90	EMPIRE DIAGNOSTIC	COLGAN AVENUE 125	LUST	Lower	2308, 0.437, North
S91	ARCO #1318	1745 SANTA ROSA AVEN	LUST, ENF, HIST CORTESE	Lower	2321, 0.440, NNW
S92	FORMER ARCO STATION	1745 SANAT ROSA AVE	Notify 65	Lower	2321, 0.440, NNW
S93	SALIM SARMAST	1745 SANTA ROSA AVE	SWEEPS UST, CA FID UST, Cortese	Lower	2321, 0.440, NNW
T94	EMPIRE SWIFT PLUMBIN	244 COLGAN AVENUE	LUST, HIST CORTESE	Higher	2416, 0.458, North
R95	SHELL (STEEL BEAR DE	1750 SANTA ROSA AVEN	LUST	Lower	2443, 0.463, North
U96	FREEMAN TOYOTA	2875 CORBY AVE	RCRA-SQG, LUST, AST, FINDS, ECHO, EMI, HAZNET,...	Lower	2448, 0.464, SSW
U97	FREEMAN TOYOTA	2875 CORBY	LUST, HIST CORTESE, Notify 65	Lower	2448, 0.464, SSW
U98	SMOTHERS EUROPEAN	2881 CORBY AVE	RCRA-SQG, LUST, SWEEPS UST, CA FID UST, FINDS,...	Lower	2499, 0.473, SSW
U99	SMOTHERS VOLVO	2881 CORBY AVE	LUST, HIST UST, HIST CORTESE	Lower	2499, 0.473, SSW
T100	EMPIRE DIAGNOSTIC	125 COLGAN AVENUE	LUST, HIST CORTESE	Higher	2507, 0.475, North
V101	MANCINI ESTATE/RUNDE	3373 PETALUMA HILL R	Notify 65	Lower	2522, 0.478, SE
V102		3375 PETALUMA HILL R	Notify 65	Lower	2541, 0.481, SE
S103	CHEVRON #9-1168	1715 SANTA ROSA AVEN	LUST, HIST CORTESE	Lower	2545, 0.482, NNW
104	FOUCHE BROS	2290 DUTTON AVENUE	ENVIROSTOR, SLIC	Lower	2640, 0.500, WNW
105	METAL ENGINEERING	532 ASTON AVE	LUST, SWEEPS UST, HIST UST, CA FID UST, Notify 65	Higher	3062, 0.580, North
106	PRESTIGE LINCOLN MER	2979 CORBY AVENUE	LUST, HIST CORTESE, Notify 65	Lower	3089, 0.585, SSW
W107	BROMLEY PROPERTY	1500 SANTA ROSA	LUST, SLIC, HIST CORTESE, Notify 65	Higher	3126, 0.592, North
W108	TRANSCO TRANSMISSION	1470 SANTA ROSA AVEN	ENVIROSTOR, LUST, HIST CORTESE, Notify 65	Higher	3306, 0.626, North
109	GOLDEN TECHNOLOGY SI	3017 AND 3019 SANTA	RESPONSE, ENVIROSTOR, HIST Cal-Sites, DEED	Lower	3393, 0.643, SSW
X110	RINO GAS	1410 SANTA ROSA AVEN	Notify 65	Higher	3407, 0.645, North
X111	RINO GAS	1410 SANTA ROSA AVEN	Notify 65	Higher	3407, 0.645, North
Y112	RESIDENCE	1267 CORBY AVE	Notify 65	Higher	4075, 0.772, NNW
Y113	RESIDENCE	1267 CORBY AVE	Notify 65	Higher	4075, 0.772, NNW
Y114	RESIDENCE	1267 CORBY AVE	Notify 65	Higher	4075, 0.772, NNW
115	SANTA ROSA PLATING W	80 BARHAM AVE	ENVIROSTOR	Lower	4626, 0.876, NNW
116	MEADOWVIEW ELEMENTAR	2641 DUTTON MEADOW	ENVIROSTOR, SCH	Lower	4656, 0.882, West
117	ROSELAND UNIVERSITY	1777 WEST AVENUE	ENVIROSTOR, SCH	Lower	4698, 0.890, WNW

MAPPED SITES SUMMARY

Target Property Address:
 325 YOLANDA AVENUE AND 2532 SANTA ROSA AVENUE
 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
118	SANTA ROSA CIRCUITS	35 AND 48 WEST BARHA	ENVIROSTOR	Lower	4873, 0.923, NW
119	MEADOW VIEW EXPANSIO	1550 & 1590 HEARN AV	ENVIROSTOR, SCH	Lower	5036, 0.954, West
120	TORVICK INC	1015 SANTA ROSA AVE	RCRA-SQG, LUST, FINDS, ECHO, HAZNET, HIST CORTESE,..	Higher	5067, 0.960, North
121	DIBBLES AUTO CENTER	965 SANTA ROSA AVE	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Higher	5217, 0.988, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
HULSMAN TRANSPORTATI 325 YOLANDA AVENUE SANTA ROSA, CA 95404	LUST 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: 1TSR050 Global Id: T0609700572	N/A
	ENF Status: Historical Facility Id: 230820	
	HIST CORTESE Reg Id: 1TSR050	
MATHESON FREIGHT INC 325 YOLANDA AVE SANTA ROSA, CA 95404	HAZNET GEPaid: CAL000321721	N/A
HULSMAN TRANS 325 YOLANDA AVE SANTA ROSA, CA 95402	SWEEPS UST Status: A Tank Status: A Comp Number: 12134	N/A
	CA FID UST Facility Id: 49000161 Status: A	
HULSMAN TRANSPORTATI 325 YOLANDA AVENUE SANTA ROSA, CA	RGA LUST	N/A
AUTOKRAFT 325 YOLANDA AVE SANTA ROSA, CA 95404	EDR Hist Auto	N/A
HULSMAN TRANSPORTATI 325 YOLANDA SANTA ROSA, CA 95407	FINDS Registry ID:: 110065417105	N/A
CHAIN ENTERPRISES 325 YOLANDA AVE SANTA ROSA, CA 95404	HAZNET GEPaid: CAL000277184	N/A
MAJOR DIESEL 325 YOLANDA AVE SANTA ROSA, CA 95404	HAZNET	N/A

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GEPaid: CAL000050356

MATHESON FASTFRIEGHT
3250 YOLANDA AVE
SANTA ROSA, CA 95407

HAZNET
GEPaid: CAC002572081

N/A

HULSMAN TRANS
325 YOLANDA AVE
SANTA ROSA, CA 95402

HIST UST
Facility Id: 00000012134

N/A

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

EXECUTIVE SUMMARY

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

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

EXECUTIVE SUMMARY

SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
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
UXO..... Unexploded Ordnance Sites
ECHO..... Enforcement & Compliance History Information

EXECUTIVE SUMMARY

DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
Financial Assurance.....	Financial Assurance Information Listing
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

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
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SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting

EXECUTIVE SUMMARY

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 7 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>
RITZ C GUGGIANA ENTE	651 YOLANDA AVE	E 1/8 - 1/4 (0.150 mi.)	H40	122

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FIREFORM PORCELAIN I	368 YOLANDA AVE	S 0 - 1/8 (0.016 mi.)	B16	44
MALM METAL PRODS INC	2640 SANTA ROSA AVE	WSW 0 - 1/8 (0.059 mi.)	G33	102
SIETZ EUROPEAN MOTOR	112 COMMERCIAL COURT	NW 1/8 - 1/4 (0.170 mi.)	J44	128
GOLDEN GATE NORTH	112 COMMERCIAL CT.	NW 1/8 - 1/4 (0.170 mi.)	J46	137
MANLY AUTOCENTER	2701 CORBY AVENUE	WSW 1/8 - 1/4 (0.216 mi.)	L51	147
SHELL SERVICE STATIO	2575 CORBY DR	W 1/8 - 1/4 (0.226 mi.)	N60	173

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>
GOLDEN TECHNOLOGY SI	3017 AND 3019 SANTA	SSW 1/2 - 1 (0.643 mi.)	109	332
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 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	YOLANDA & PETALUMA R	ESE 1/8 - 1/4 (0.170 mi.)	I43	125

EXECUTIVE SUMMARY

Facility Id: 49010001
Status: No Further Action

TRANSCO TRANSMISSION	1470 SANTA ROSA AVEN	N 1/2 - 1 (0.626 mi.)	W108	325
Facility Id: 49340002 Status: Refer: RWQCB				

<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 1/4 - 1/2 (0.500 mi.)	104	300
GOLDEN TECHNOLOGY SI Facility Id: 49390001 Status: Active	3017 AND 3019 SANTA	SSW 1/2 - 1 (0.643 mi.)	109	332
SANTA ROSA PLATING W Facility Id: 49340003 Status: No Further Action	80 BARHAM AVE	NNW 1/2 - 1 (0.876 mi.)	115	373
MEADOWVIEW ELEMENTAR Facility Id: 60001076 Status: Certified	2641 DUTTON MEADOW	W 1/2 - 1 (0.882 mi.)	116	374
ROSELAND UNIVERSITY Facility Id: 60001798 Status: No Further Action	1777 WEST AVENUE	WNW 1/2 - 1 (0.890 mi.)	117	380
SANTA ROSA CIRCUITS Facility Id: 49360001 Status: Refer: RWQCB	35 AND 48 WEST BARHA	NW 1/2 - 1 (0.923 mi.)	118	384
MEADOW VIEW EXPANSIO Facility Id: 60001963 Status: Inactive - Withdrawn	1550 & 1590 HEARN AV	W 1/2 - 1 (0.954 mi.)	119	385

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 40 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>
REDWOOD OIL #141 (BU) Database: LUST REG 1, Date of Government Version: 02/01/2001 Facility Id: 1TSR261	YOLANDA AVENUE 455	E 0 - 1/8 (0.019 mi.)	E19	54
REDWOOD OIL COMPANY Database: LUST, Date of Government Version: 03/12/2018 Status: Open - Remediation Global Id: T0609700708	455 YOLANDA AVENUE	E 0 - 1/8 (0.019 mi.)	E20	55
FLYERS ENERGY 3017 Database: LUST REG 1, Date of Government Version: 02/01/2001	459 YOLANDA AVENUE	ESE 0 - 1/8 (0.053 mi.)	F27	95

EXECUTIVE SUMMARY

Facility Id: 1TSR052				
PRIVATE RESIDENCE	PRIVATE RESIDENCE	ESE 0 - 1/8 (0.053 mi.)	F29	99
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700574				
CHEVRON #9-6449	2200 SANTA ROSA AVEN	N 1/4 - 1/2 (0.263 mi.)	73	211
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				
EMPIRE SWIFT PLUMBIN	244 COLGAN AVENUE	N 1/4 - 1/2 (0.458 mi.)	T94	272
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: 1TSR172				
Global Id: T0609700662				
EMPIRE DIAGNOSTIC	125 COLGAN AVENUE	N 1/4 - 1/2 (0.475 mi.)	T100	295
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700664				
Lower Elevation	Address	Direction / Distance	Map ID	Page
MICHAEL'S AUTO	2642 SANTA ROSA AVEN	WSW 0 - 1/8 (0.028 mi.)	C23	87
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: 1TSR044				
Global Id: T0609700567				
MALM METAL PRODS INC	2640 SANTA ROSA AVE	WSW 0 - 1/8 (0.059 mi.)	G33	102
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: 1TSR256				
Global Id: T0609700703				
AUTO LIFE CENTER	2698 SANTA ROSA AVEN	SW 0 - 1/8 (0.066 mi.)	G34	114
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: 1TSR329				
Global Id: T0609700753				
GROG SHOP	2296 SANTA ROSA	NNW 1/8 - 1/4 (0.137 mi.)	39	120
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				
HEPPER, TOM	SANTA ROSA AVENUE 27	SSW 1/8 - 1/4 (0.214 mi.)	K49	140
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR099				
HEPPER, TOM	2775 SANTA ROSA AVEN	SSW 1/8 - 1/4 (0.214 mi.)	K50	140
Database: LUST, Date of Government Version: 03/12/2018				

EXECUTIVE SUMMARY

Status: Completed - Case Closed
Global Id: T0609700610

MANLY MITSUBISHI	2755 CORBY AVENUE	WSW 1/8 - 1/4 (0.220 mi.)	L55	156
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: 1TSR271				
Global Id: T0609700718				
S & W INVESTMENTS	2159 SANTA ROSA	NNW 1/8 - 1/4 (0.221 mi.)	M56	159
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				
SHELL	2575 CORBY AVENUE	W 1/8 - 1/4 (0.226 mi.)	N59	162
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.)	N60	173
Database: SONOMA CO. LUST, Date of Government Version: 01/04/2018				
Global ID: T0609700103				
OE'S PERFORMANCE	SANTA ROSA AVENUE 21	NNW 1/8 - 1/4 (0.229 mi.)	M64	180
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR280				
JOE'S PERFORMANCE TO	2151 SANTA ROSA	NNW 1/8 - 1/4 (0.229 mi.)	M66	183
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700726				
AM/PM MINI MART	440 HEARN AVENUE	W 1/8 - 1/4 (0.249 mi.)	N71	197
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 (0.267 mi.)	74	213
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	WSW 1/4 - 1/2 (0.269 mi.)	O75	225
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700717				
MANLY HONDA	CORBY AVENUE 2750	WSW 1/4 - 1/2 (0.269 mi.)	O76	227
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR270				
STANDARD BRANDS PAIN	1993 SANTA ROSA AVEN	NNW 1/4 - 1/2 (0.323 mi.)	77	227
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: 1TSR314				
Global Id: T0609700745				
MEAD CLARK LUMBER SU	RAILROAD AVENUE 175	W 1/4 - 1/2 (0.339 mi.)	79	230
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR016				
PRESTIG IMPORTS	2800 CORBY AVE	SW 1/4 - 1/2 (0.345 mi.)	P80	230
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	SW 1/4 - 1/2 (0.351 mi.)	P81	250
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR332				
ZUMWALT MAGRINI USED	2820 CORBY	SW 1/4 - 1/2 (0.376 mi.)	P83	251
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700755				
SANTA ROSA AMC-JEEP	2820 CORBY AVE	SW 1/4 - 1/2 (0.376 mi.)	P84	253
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR333				
PRESTIGE ACURA	2840 CORBY AVENUE	SW 1/4 - 1/2 (0.389 mi.)	86	255
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700754				
YAEGER & KIRK LUMBER	2875 SANTA ROSA	SSW 1/4 - 1/2 (0.417 mi.)	Q88	257
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T0609700556				
YAEGER & KIRK LUMBER	SANTA ROSA AVENUE 28	SSW 1/4 - 1/2 (0.421 mi.)	Q89	258
Database: LUST REG 1, Date of Government Version: 02/01/2001				
Facility Id: 1TSR033				
EMPIRE DIAGNOSTIC	COLGAN AVENUE 125	N 1/4 - 1/2 (0.437 mi.)	R90	259
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 (0.440 mi.)	S91	259
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: 1TSR029				
Global Id: T0609700552				
SHELL (STEEL BEAR DE	1750 SANTA ROSA AVEN	N 1/4 - 1/2 (0.463 mi.)	R95	274
Database: LUST, Date of Government Version: 03/12/2018				
Status: Completed - Case Closed				
Global Id: T10000001233				
FREEMAN TOYOTA	2875 CORBY AVE	SSW 1/4 - 1/2 (0.464 mi.)	U96	279
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.)	U97	288
Database: LUST, Date of Government Version: 03/12/2018				

EXECUTIVE SUMMARY

Status: Completed - Case Closed
Global Id: T0609700631

SMOTHERS EUROPEAN **2881 CORBY AVE** **SSW 1/4 - 1/2 (0.473 mi.)** **U98** **290**

Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSR250

SMOTHERS VOLVO **2881 CORBY AVE** **SSW 1/4 - 1/2 (0.473 mi.)** **U99** **293**

Database: LUST, Date of Government Version: 03/12/2018
Status: Completed - Case Closed
Global Id: T0609700697

CHEVRON #9-1168 **1715 SANTA ROSA AVEN** **NNW 1/4 - 1/2 (0.482 mi.)** **S103** **297**

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: 1TSR102
Global Id: T0609700613

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 SLIC list, as provided by EDR, has revealed that there are 10 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>
KAWANA SPRINGS PIPEL Database: SLIC, Date of Government Version: 03/12/2018 Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Status: Completed - Case Closed Facility Id: 1NSR377 Global Id: T0609791104	KAWANA SPRINGS	ENE 1/8 - 1/4 (0.207 mi.)	47	139
DAVIDSON, WILLIAM Database: SLIC, Date of Government Version: 03/12/2018 Facility Status: Completed - Case Closed Global Id: SL0609752583	800 YOLANDA AVENUE	ESE 1/8 - 1/4 (0.208 mi.)	I48	140
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FIREFORM PORCELAIN I Database: SLIC, Date of Government Version: 03/12/2018 Facility Status: Open - Site Assessment Global Id: T0609793468	368 YOLANDA AVE	S 0 - 1/8 (0.016 mi.)	B16	44
SANTA ROSA PLUME AT Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NSR354	YOLANDA AT SANTA ROS	WSW 0 - 1/8 (0.059 mi.)	G31	101
AUTO LIFE CENTER Database: SLIC, Date of Government Version: 03/12/2018 Facility Status: Completed - Case Closed Global Id: SL0609725310	2698 SANTA ROSA AVEN	SW 0 - 1/8 (0.066 mi.)	G34	114
LYLES TACKLE SHOP Database: SLIC, Date of Government Version: 03/12/2018 Database: SLIC REG 1, Date of Government Version: 04/03/2003	2690 SANTA ROSA AVEN	SW 0 - 1/8 (0.077 mi.)	G36	116

EXECUTIVE SUMMARY

Facility Status: Completed - Case Closed

Facility Id: 1NSR346

Global Id: T0609793387

AM AND PM MINI MARKE	440 HEARN AVE	W 1/8 - 1/4 (0.249 mi.)	N67	186
Database: SLIC, Date of Government Version: 03/12/2018				
Facility Status: Completed - Case Closed				
Global Id: T0609765989				
SUMMERHILL / KAUFMAN	PETALUMA HILL & BURT	SE 1/4 - 1/2 (0.329 mi.)	78	229
Database: SLIC, Date of Government Version: 03/12/2018				
Database: SLIC REG 1, Date of Government Version: 04/03/2003				
Facility Status: Open - Inactive				
Facility Id: 1NSR308				
Global Id: T0609793364				
MOUNTAIN VIEW MOBILE	2860 SANTA ROSA AVEN	SSW 1/4 - 1/2 (0.405 mi.)	Q87	257
Database: SLIC REG 1, Date of Government Version: 04/03/2003				
Facility Id: 1NSR345				
FOUCHE BROS	2290 DUTTON AVENUE	WNW 1/4 - 1/2 (0.500 mi.)	104	300
Database: SLIC, Date of Government Version: 03/12/2018				
Facility Status: Open - Remediation				
Global Id: T0609793108				

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 0 - 1/8 (0.053 mi.)	F28	99
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	SW 0 - 1/8 (0.056 mi.)	G30	101
Database: UST, Date of Government Version: 03/12/2018				
MANLY OLDSMOBILE - G	2701 CORBY AVENUE	WSW 1/8 - 1/4 (0.216 mi.)	L53	153
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.)	N61	176
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.)	N68	189
Database: UST, Date of Government Version: 03/12/2018				
Facility Id: 49-060-000015				

EXECUTIVE SUMMARY

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 07/06/2016 has revealed that there 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	455 YOLANDA AVE.	E 0 - 1/8 (0.019 mi.)	E18	54
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BAVARIAN TUNING MANLY AUTOCENTER	112 COMMERCIAL CT 2701 CORBY	NW 1/8 - 1/4 (0.170 mi.) WSW 1/8 - 1/4 (0.216 mi.)	J45 L52	137 151

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 1/8 - 1/4 (0.170 mi.)	I43	125

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	SSW 1/2 - 1 (0.643 mi.)	109	332

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

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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>
SANTA ROSA PLANT Status: A Tank Status: A Comp Number: 2686	455 YOLANDA AVE	E 0 - 1/8 (0.019 mi.)	E21	81
RITZ FOOD & EQUIP DI Status: A Tank Status: A Comp Number: 10174	651 YOLANDA AVE	E 1/8 - 1/4 (0.150 mi.)	H42	124
<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.)	L51	147
MANLY MITSUBISHI Comp Number: 2684	2755 CORBY AVENUE	WSW 1/8 - 1/4 (0.220 mi.)	L55	156
SMOTHERS AUTO CTR. I Status: A Tank Status: A Comp Number: 2667	2157 SANTA ROSA AVE	NNW 1/8 - 1/4 (0.222 mi.)	M57	161
SHELL Status: A Tank Status: A Comp Number: 67170	2575 CORBY AVENUE	W 1/8 - 1/4 (0.226 mi.)	N59	162
COLBY AVENUE SHELL Status: A Tank Status: A Comp Number: 2097	2575 CORBY AVE	W 1/8 - 1/4 (0.226 mi.)	N62	177
JOE'S PERFORMANCE TO Status: A Tank Status: A Comp Number: 23826	2151 SANTA ROSA	NNW 1/8 - 1/4 (0.229 mi.)	M65	180
AM AND PM MINI MARKE Status: A Tank Status: A Comp Number: 53359	440 HEARN AVE	W 1/8 - 1/4 (0.249 mi.)	N67	186
AM MINI MARKET DBA S Status: A Tank Status: A Comp Number: 1529	440 HEARN AVE	W 1/8 - 1/4 (0.249 mi.)	N69	190

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 9 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SANTA ROSA PLANT	455 YOLANDA AVE	E 0 - 1/8 (0.019 mi.)	E17	48

EXECUTIVE SUMMARY

Facility Id: 00000002686				
RITZ FOOD & EQUIP DI Facility Id: 00000010174	651 YOLANDA AVE	E 1/8 - 1/4 (0.150 mi.)	H41	124
RITZ FOOD & EQUIP DI	651 YOLANDA AVE	E 1/8 - 1/4 (0.150 mi.)	H42	124
Lower Elevation	Address	Direction / Distance	Map ID	Page
MANLY OLDS GMC TRUCK Facility Id: 00000002684	2755 CORBY AVE	WSW 1/8 - 1/4 (0.220 mi.)	L54	153
SMOTHERS AUTO CTR IN Facility Id: 00000002667	2157 SANTA ROSA AVE	NNW 1/8 - 1/4 (0.222 mi.)	M58	161
PAUL M KALTENBACH Facility Id: 00000067170	2575 CORBY	W 1/8 - 1/4 (0.226 mi.)	N63	179
JOE'S PERFORMANCE TO	2151 SANTA ROSA	NNW 1/8 - 1/4 (0.229 mi.)	M65	180
JOE'S PERFORMANCE TO Facility Id: 00000023826	2151 SANTA ROSA	NNW 1/8 - 1/4 (0.229 mi.)	M66	183
A AND M MINI MARKET Facility Id: 00000053359	440 HEAN AVE	W 1/8 - 1/4 (0.249 mi.)	N70	197

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SANTA ROSA PLANT Facility Id: 49000103 Status: A	455 YOLANDA AVE	E 0 - 1/8 (0.019 mi.)	E21	81
RITZ FOOD & EQUIP DI Facility Id: 49002070 Status: A	651 YOLANDA AVE	E 1/8 - 1/4 (0.150 mi.)	H42	124
Lower Elevation	Address	Direction / Distance	Map ID	Page
MANLY OLDS GMC TRUCK Facility Id: 49001501 Status: A	2755 CORBY AVE	WSW 1/8 - 1/4 (0.220 mi.)	L54	153
SMOTHERS AUTO CTR. I Facility Id: 49003668 Status: A	2157 SANTA ROSA AVE	NNW 1/8 - 1/4 (0.222 mi.)	M57	161
COLBY AVENUE SHELL Facility Id: 49000126 Status: A	2575 CORBY AVE	W 1/8 - 1/4 (0.226 mi.)	N62	177
JOE'S PERFORMANCE TO Facility Id: 49002659 Status: A	2151 SANTA ROSA	NNW 1/8 - 1/4 (0.229 mi.)	M65	180
AM MINI MARKET DBA S Facility Id: 49000302	440 HEARN AVE	W 1/8 - 1/4 (0.249 mi.)	N69	190

EXECUTIVE SUMMARY

Status: A

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/11/2017 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PACIFIC BELL</i>	<i>459 YOLANDA</i>	<i>ESE 0 - 1/8 (0.053 mi.)</i>	<i>F26</i>	<i>93</i>
<i>PACIFIC BELL</i>	<i>463 YOLANDA AVE</i>	<i>E 1/8 - 1/4 (0.133 mi.)</i>	<i>38</i>	<i>119</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MANLY OLDS GMC TRUCK</i>	<i>2755 CORBY AVE</i>	<i>WSW 1/8 - 1/4 (0.220 mi.)</i>	<i>L54</i>	<i>153</i>
<i>BP WEST COAST PRODUC</i>	<i>440 HEARN AVE</i>	<i>W 1/8 - 1/4 (0.249 mi.)</i>	<i>N72</i>	<i>209</i>

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

A review of the Cortese list, as provided by EDR, and dated 02/08/2018 has revealed that there are 4 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>REDWOOD OIL COMPANY</i>	<i>455 YOLANDA AVENUE</i>	<i>E 0 - 1/8 (0.019 mi.)</i>	<i>E20</i>	<i>55</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MALM FIREPLACES</i>	<i>326 & 368 YOLANDA AV</i>	<i>SSW 0 - 1/8 (0.006 mi.)</i>	<i>B11</i>	<i>30</i>
<i>PRESTIG IMPORTS</i>	<i>2800 CORBY AVE</i>	<i>SW 1/4 - 1/2 (0.345 mi.)</i>	<i>P80</i>	<i>230</i>
<i>SALIM SARMAST</i>	<i>1745 SANTA ROSA AVE</i>	<i>NNW 1/4 - 1/2 (0.440 mi.)</i>	<i>S93</i>	<i>270</i>

CUPA Listings: 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.

A review of the CUPA Listings list, as provided by EDR, has revealed that there is 1 CUPA Listings 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>
<i>SHELL</i>	<i>2575 CORBY AVENUE</i>	<i>W 1/8 - 1/4 (0.226 mi.)</i>	<i>N59</i>	<i>162</i>

Database: CUPA SONOMA, Date of Government Version: 12/20/2017
internal Field: Inactive

EXECUTIVE SUMMARY

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 27 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>
REDWOOD OIL COMPANY Reg Id: 1B1SO164NUG Reg Id: 1TSR261	455 YOLANDA AVENUE	E 0 - 1/8 (0.019 mi.)	E20	55
FLYERS ENERGY 3017 Reg Id: 1TSR052	459 YOLANDA AVENUE	ESE 0 - 1/8 (0.053 mi.)	F27	95
CHEVRON #9-6449 Reg Id: 1TSR210	2200 SANTA ROSA AVEN	N 1/4 - 1/2 (0.263 mi.)	73	211
EMPIRE SWIFT PLUMBING Reg Id: 1TSR172	244 COLGAN AVENUE	N 1/4 - 1/2 (0.458 mi.)	T94	272
EMPIRE DIAGNOSTIC Reg Id: 1TSR175	125 COLGAN AVENUE	N 1/4 - 1/2 (0.475 mi.)	T100	295
<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	WSW 0 - 1/8 (0.028 mi.)	C23	87
MALM METAL PRODS INC Reg Id: 1TSR256	2640 SANTA ROSA AVE	WSW 0 - 1/8 (0.059 mi.)	G33	102
AUTO LIFE CENTER Reg Id: 1TSR329	2698 SANTA ROSA AVEN	SW 0 - 1/8 (0.066 mi.)	G34	114
GROG SHOP Reg Id: 1TSR298	2296 SANTA ROSA	NNW 1/8 - 1/4 (0.137 mi.)	39	120
HEPPER, TOM Reg Id: 1TSR099	2775 SANTA ROSA AVEN	SSW 1/8 - 1/4 (0.214 mi.)	K50	140
MANLY MITSUBISHI Reg Id: 1TSR271	2755 CORBY AVENUE	WSW 1/8 - 1/4 (0.220 mi.)	L55	156
S & W INVESTMENTS Reg Id: 1TSR012	2159 SANTA ROSA	NNW 1/8 - 1/4 (0.221 mi.)	M56	159
SHELL Reg Id: 1TSO135	2575 CORBY AVENUE	W 1/8 - 1/4 (0.226 mi.)	N59	162
JOE'S PERFORMANCE TO Reg Id: 1TSR280	2151 SANTA ROSA	NNW 1/8 - 1/4 (0.229 mi.)	M66	183
AM/PM MINI MART Reg Id: 1TSR150	440 HEARN AVENUE	W 1/8 - 1/4 (0.249 mi.)	N71	197
BIDDULPH CHEVROLET Reg Id: 1B1SR116NUG Reg Id: 1TSR116	2770 CORBY AVE	SW 1/4 - 1/2 (0.267 mi.)	74	213
MANLY HONDA Reg Id: 1TSR270	2750 CORBY	WSW 1/4 - 1/2 (0.269 mi.)	O75	225
STANDARD BRANDS PAIN	1993 SANTA ROSA AVEN	NNW 1/4 - 1/2 (0.323 mi.)	77	227

EXECUTIVE SUMMARY

Reg Id: 1TSR314				
PRESTIG IMPORTS	2800 CORBY AVE	SW 1/4 - 1/2 (0.345 mi.)	P80	230
Reg Id: 1TSR048				
Reg Id: 1B1SR048NUG				
MEAD CLARK LUMBER SU	3RD ST	WSW 1/4 - 1/2 (0.367 mi.)	82	251
Reg Id: 1TSR198				
Reg Id: 1TSR016				
ZUMWALT MAGRINI USED	2820 CORBY	SW 1/4 - 1/2 (0.376 mi.)	P83	251
Reg Id: 1TSR333				
PRESTIGE ACURA	2840 CORBY AVENUE	SW 1/4 - 1/2 (0.389 mi.)	86	255
Reg Id: 1TSR332				
YAEGER & KIRK LUMBER	2875 SANTA ROSA	SSW 1/4 - 1/2 (0.417 mi.)	Q88	257
Reg Id: 1TSR033				
ARCO #1318	1745 SANTA ROSA AVEN	NNW 1/4 - 1/2 (0.440 mi.)	S91	259
Reg Id: 1TSR029				
Reg Id: 1B91002NSON				
FREEMAN TOYOTA	2875 CORBY	SSW 1/4 - 1/2 (0.464 mi.)	U97	288
Reg Id: 1TSR124				
SMOTHERS VOLVO	2881 CORBY AVE	SSW 1/4 - 1/2 (0.473 mi.)	U99	293
Reg Id: 1TSR250				
CHEVRON #9-1168	1715 SANTA ROSA AVEN	NNW 1/4 - 1/2 (0.482 mi.)	S103	297
Reg Id: 1TSR102				

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 12/14/2017 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 0 - 1/8 (0.019 mi.)	E20	55
FLYERS ENERGY 3017	459 YOLANDA AVENUE	ESE 0 - 1/8 (0.053 mi.)	F27	95
METAL ENGINEERING	532 ASTON AVE	N 1/2 - 1 (0.580 mi.)	105	302
BROMLEY PROPERTY	1500 SANTA ROSA	N 1/2 - 1 (0.592 mi.)	W107	319
TRANSCO TRANSMISSION	1470 SANTA ROSA AVEN	N 1/2 - 1 (0.626 mi.)	W108	325
RINO GAS	1410 SANTA ROSA AVEN	N 1/2 - 1 (0.645 mi.)	X110	372
RINO GAS	1410 SANTA ROSA AVEN	N 1/2 - 1 (0.645 mi.)	X111	372
RESIDENCE	1267 CORBY AVE	NNW 1/2 - 1 (0.772 mi.)	Y112	372
RESIDENCE	1267 CORBY AVE	NNW 1/2 - 1 (0.772 mi.)	Y113	372
RESIDENCE	1267 CORBY AVE	NNW 1/2 - 1 (0.772 mi.)	Y114	373
TORVICK INC	1015 SANTA ROSA AVE	N 1/2 - 1 (0.960 mi.)	120	387
DIBBLES AUTO CENTER	965 SANTA ROSA AVE	N 1/2 - 1 (0.988 mi.)	121	392
<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.)	K50	140
AM/PM MINI MART	440 HEARN AVENUE	W 1/8 - 1/4 (0.249 mi.)	N71	197
GREG'S AUTOMOTIVE	DUTTON	W 1/4 - 1/2 (0.387 mi.)	85	254
FORMER ARCO STATION	1745 SANAT ROSA AVE	NNW 1/4 - 1/2 (0.440 mi.)	S92	270
FREEMAN TOYOTA	2875 CORBY	SSW 1/4 - 1/2 (0.464 mi.)	U97	288
MANCINI ESTATE/RUNDE	3373 PETALUMA HILL R	SE 1/4 - 1/2 (0.478 mi.)	V101	297

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported PRESTIGE LINCOLN MER	3375 PETALUMA HILL R 2979 CORBY AVENUE	SE 1/4 - 1/2 (0.481 mi.) SSW 1/2 - 1 (0.585 mi.)	V102 106	297 313

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 10 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>
H DONS DRIVESHAFT	400 YOLANDA AVE	SE 0 - 1/8 (0.014 mi.)	D13	43
BOBS V W MACHINERY R	412 YOLANDA AVE	SE 0 - 1/8 (0.014 mi.)	D14	43
REDWOOD OIL COMPANY	455 YOLANDA AVE	E 0 - 1/8 (0.021 mi.)	E22	87
FOREIGN AUTO WERKSTA	468 YOLANDA AVE	ESE 0 - 1/8 (0.093 mi.)	F37	117

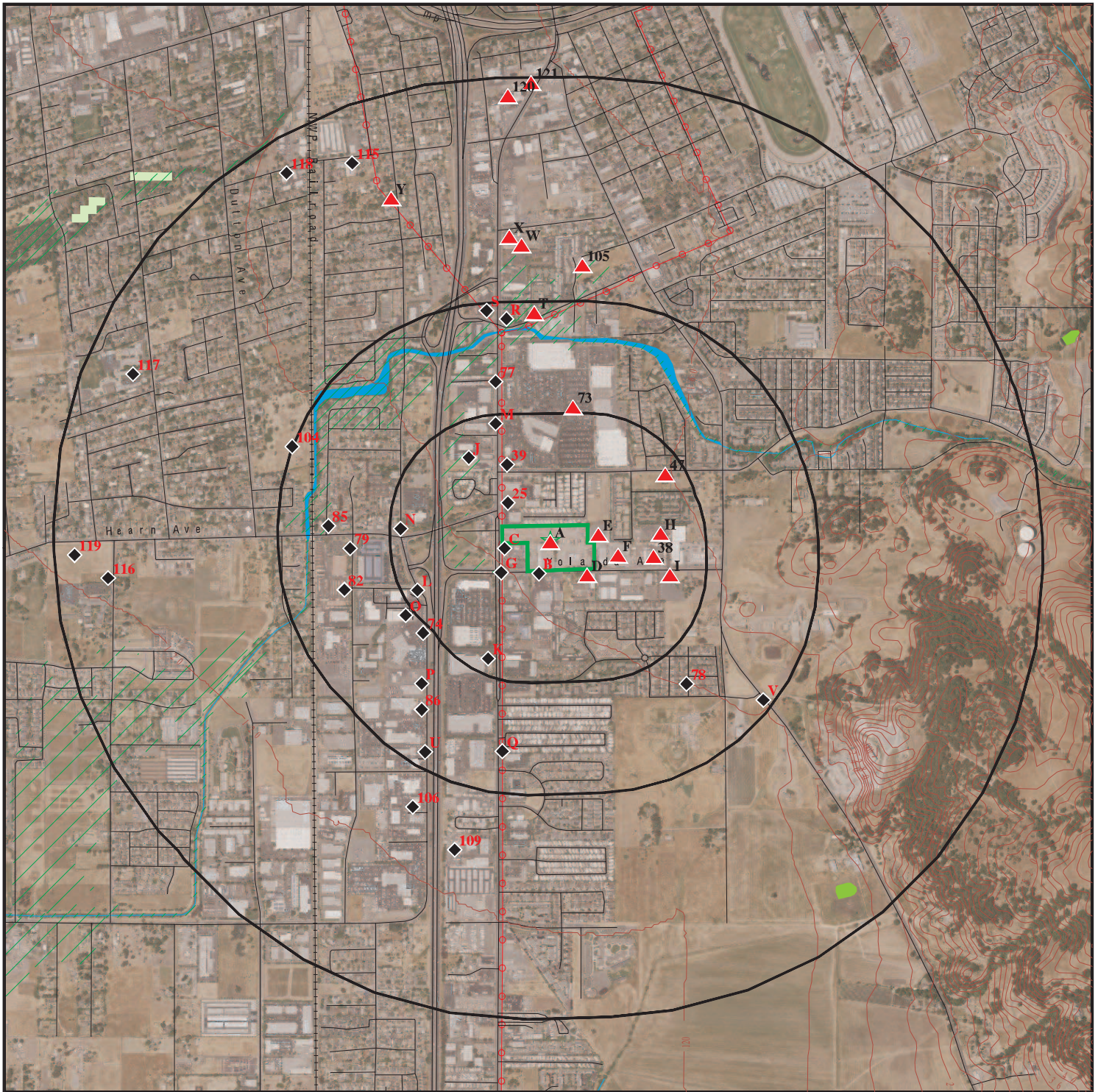
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTH BAY HONDA SLS	2612 SANTA ROSA AVE	W 0 - 1/8 (0.012 mi.)	C12	42
B BILLS AUTO PARTS	368 YOLANDA AVE	S 0 - 1/8 (0.016 mi.)	B15	44
GERRICK STEVE EXXON	2642 SANTA ROSA AVE	WSW 0 - 1/8 (0.028 mi.)	C24	92
DAVES AUTO RADIO REP	2450 SANTA ROSA AVE	NW 0 - 1/8 (0.052 mi.)	25	93
NOLAN C R AUTO REPAI	2626 SANTA ROSA AVE	WSW 0 - 1/8 (0.059 mi.)	C32	101
AUTO LIFE CENTER AUT	2698 SANTA ROSA AVE	SW 0 - 1/8 (0.066 mi.)	G35	116

EXECUTIVE SUMMARY


Due to poor or inadequate address information, the following sites were not mapped. Count: 6 records.


<u>Site Name</u>	<u>Database(s)</u>
FAST & EASY MART	LUST
STEVENSON EQUIPMENT	LUST
SCDOT/DPW SANTA ROSA AVE STMWTR DR	SLIC
SANTA ROSA DPW SEWER-SANTA ROSA AV	SLIC
SANTA ROSA CITY - SANTA ROSA AVENU	SLIC
SIEMER'S NURSERY (FORMER)	SLIC

OVERVIEW MAP - 5260394.2S



 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

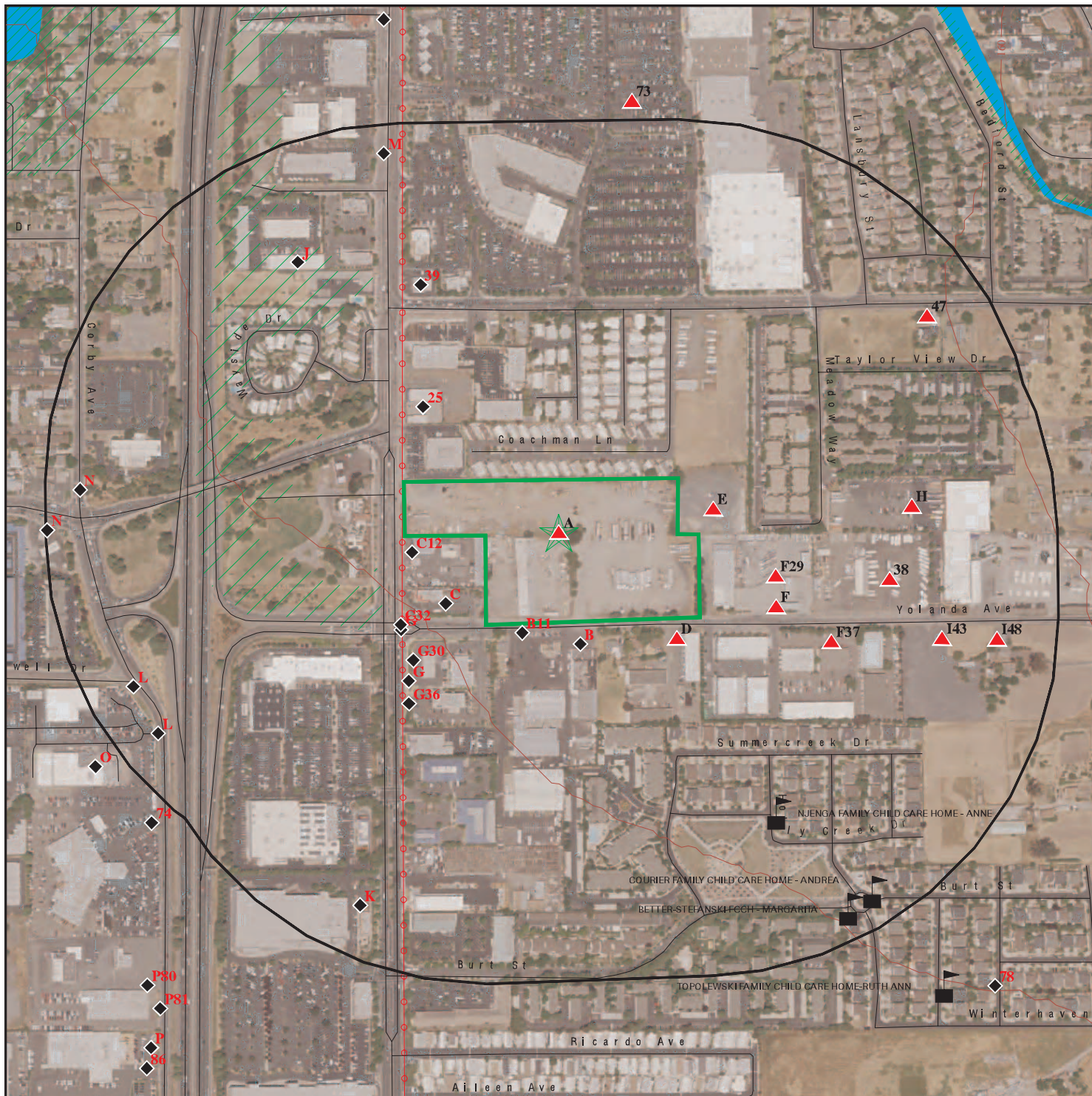









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.






SITE NAME: 387046
 ADDRESS: 325 Yolanda Avenue and 2532 Santa Rosa Avenue
 Santa Rosa CA 95404
 LAT/LONG: 38.414174 / 122.711349

CLIENT: AEI Consultants
 CONTACT: Tony Chilese
 INQUIRY #: 5260394.2s
 DATE: April 16, 2018 11:21 pm

DETAIL MAP - 5260394.2S



-  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: 387046
 ADDRESS: 325 Yolanda Avenue and 2532 Santa Rosa Avenue
 Santa Rosa CA 95404
 LAT/LONG: 38.414174 / 122.711349

CLIENT: AEI Consultants
 CONTACT: Tony Chilese
 INQUIRY #: 5260394.2s
 DATE: April 16, 2018 11:23 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	5	NR	NR	NR	7
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</i>								
RESPONSE	1.000		0	0	0	1	NR	1
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	1	1	7	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	1	7	10	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
SLIC	0.500		4	3	3	NR	NR	10
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	3	NR	NR	NR	5
AST	0.250		1	2	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	1	0	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	1	9	NR	NR	NR	11
HIST UST	0.250	1	1	8	NR	NR	NR	10
CA FID UST	0.250	1	1	6	NR	NR	NR	8
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		1	3	NR	NR	NR	4
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	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	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		2	0	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	1	NR	NR	NR	NR	NR	1
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	4	NR	NR	NR	NR	NR	4

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
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500	1	5	7	15	NR	NR	28
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		2	2	5	11	NR	20
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125	1	10	NR	NR	NR	NR	11
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	1	NR	NR	NR	NR	NR	1
- Totals --		13	39	61	49	20	0	182

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1 HULSMAN TRANSPORTATION COMPANY
Target 325 YOLANDA AVENUE
Property SANTA ROSA, CA 95404

LUST S104163198
ENF N/A
HIST CORTESE

Site 1 of 10 in cluster A

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=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

A2
Target
Property

MATHESON FREIGHT INC
325 YOLANDA AVE
SANTA ROSA, CA 95404

HAZNET **S113148347**
N/A

Site 2 of 10 in cluster A

Actual:
147 ft.

HAZNET:

envid: S113148347
Year: 2008
GEPaid: CAL000321721
Contact: PAUL BIONDI-OPS MGR
Telephone: 7075730622
Mailing Name: Not reported
Mailing Address: 9785 GOETHE RD
Mailing City,St,Zip: SACRAMENTO, CA 958273559
Gen County: Not reported
TSD EPA ID: CAD980884183
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.102
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 00

envid: S113148347
Year: 2008
GEPaid: CAL000321721
Contact: PAUL BIONDI-OPS MGR
Telephone: 7075730622
Mailing Name: Not reported
Mailing Address: 9785 GOETHE RD
Mailing City,St,Zip: SACRAMENTO, CA 958273559
Gen County: Not reported
TSD EPA ID: CAD980884183
TSD County: Not reported
Waste Category: Liquids with pH <= 2
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: 00

envid: S113148347
Year: 2007
GEPaid: CAL000321721
Contact: PAUL BIONDI-OPS MGR
Telephone: 7075730622
Mailing Name: Not reported
Mailing Address: 325 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954046320
Gen County: Not reported
TSD EPA ID: CAD980884183
TSD County: Not reported
Waste Category: Waste oil and mixed oil
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

MATHESON FREIGHT INC (Continued)

S113148347

Tons: 0.11
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: S113148347
Year: 2007
GEPaid: CAL000321721
Contact: PAUL BIONDI-OPS MGR
Telephone: 7075730622
Mailing Name: Not reported
Mailing Address: 325 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954046320
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.76
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: S113148347
Year: 2007
GEPaid: CAL000321721
Contact: PAUL BIONDI-OPS MGR
Telephone: 7075730622
Mailing Name: Not reported
Mailing Address: 325 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954046320
Gen County: Not reported
TSD EPA ID: CAD980884183
TSD County: Not reported
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: 0.45
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

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

A3 **HULSMAN TRANS**
Target **325 YOLANDA AVE**
Property **SANTA ROSA, CA 95402**

SWEEPS UST **S101627240**
CA FID UST **N/A**

Site 3 of 10 in cluster A

Actual: SWEEPS UST:
147 ft. Status: Active
Comp Number: 12134
Number: 9
Board Of Equalization: Not reported
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

HULSMAN TRANS (Continued)

S101627240

Created Date: 02-29-88
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HULSMAN TRANS (Continued)

S101627240

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

**A4
 Target
 Property**

**HULSMAN TRANSPORTATION COMPANY
 325 YOLANDA AVENUE
 SANTA ROSA, CA**

RGA LUST

**S114633939
 N/A**

Site 4 of 10 in cluster A

**Actual:
 147 ft.**

RGA LUST:

2012	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
2011	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
2010	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
2009	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
2008	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
2007	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
2006	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
2005	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
2003	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
2002	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
2001	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
2000	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
1998	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
1997	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
1996	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
1995	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
1994	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
1993	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE
1992	HULSMAN TRANSPORTATION COMPANY	325 YOLANDA AVENUE

**A5
 Target
 Property**

**AUTOKRAFT
 325 YOLANDA AVE
 SANTA ROSA, CA 95404**

EDR Hist Auto

**1014183999
 N/A**

Site 5 of 10 in cluster A

**Actual:
 147 ft.**

EDR Hist Auto

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AUTOKRAFT (Continued)

1014183999

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

**A6
 Target
 Property**

**HULSMAN TRANSPORTATION
 325 YOLANDA
 SANTA ROSA, CA 95407**

**FINDS 1023252918
 N/A**

Site 6 of 10 in cluster A

**Actual:
 147 ft.**

FINDS:

Registry ID: 110065417105

Environmental Interest/Information System
 STATE MASTER

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

**A7
 Target
 Property**

**CHAIN ENTERPRISES
 325 YOLANDA AVE
 SANTA ROSA, CA 95404**

**HAZNET S113129567
 N/A**

Site 7 of 10 in cluster A

**Actual:
 147 ft.**

HAZNET:

envid: S113129567
 Year: 2004
 GEPAID: CAL000277184
 Contact: STEVEN CHAIN
 Telephone: 7075441376
 Mailing Name: Not reported
 Mailing Address: PO BOX 1901
 Mailing City,St,Zip: WINDSOR, CA 95492
 Gen County: Not reported
 TSD EPA ID: CAL000161748
 TSD County: Not reported
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Tons: 1.81
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Sonoma

envid: S113129567
 Year: 2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIN ENTERPRISES (Continued)

S113129567

GEPaid: CAL000277184
Contact: STEVEN CHAIN
Telephone: 7075441376
Mailing Name: Not reported
Mailing Address: PO BOX 1901
Mailing City,St,Zip: WINDSOR, CA 95492
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 37.35
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

A8
Target
Property

MAJOR DIESEL
325 YOLANDA AVE
SANTA ROSA, CA 95404

HAZNET **S113042373**
N/A

Site 8 of 10 in cluster A

Actual:
147 ft.

HAZNET:
envid: S113042373
Year: 2000
GEPaid: CAL000050356
Contact: GARY W HOPPE-OWNER
Telephone: 7078299518
Mailing Name: Not reported
Mailing Address: PO BOX 1403
Mailing City,St,Zip: SEBASTOPOL, CA 954731403
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.43
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

A9
Target
Property

MATHESON FASTFRIEIGHT INC
3250 YOLANDA AVE
SANTA ROSA, CA 95407

HAZNET **S112934037**
N/A

Site 9 of 10 in cluster A

Actual:
147 ft.

HAZNET:
envid: S112934037
Year: 2006
GEPaid: CAC002572081
Contact: DON FERNANDEZ
Telephone: 7075730622
Mailing Name: Not reported
Mailing Address: 3250 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 95407

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MATHESON FASTFRIEGHT INC (Continued)

S112934037

Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 0.09
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: S112934037
Year: 2006
GEPaid: CAC002572081
Contact: DON FERNANDEZ
Telephone: 7075730622
Mailing Name: Not reported
Mailing Address: 3250 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 95407
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.08
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: S112934037
Year: 2006
GEPaid: CAC002572081
Contact: DON FERNANDEZ
Telephone: 7075730622
Mailing Name: Not reported
Mailing Address: 3250 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 95407
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Unspecified alkaline solution
Disposal Method: Neutralization Only
Tons: 0.08
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

envid: S112934037
Year: 2006
GEPaid: CAC002572081
Contact: DON FERNANDEZ
Telephone: 7075730622
Mailing Name: Not reported
Mailing Address: 3250 YOLANDA AVE
Mailing City,St,Zip: SANTA ROSA, CA 95407
Gen County: Not reported
TSD EPA ID: CAD059494310

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MATHESON FASTFRIEGHT INC (Continued)

S112934037

TSD County: Not reported
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Transfer Station
 Tons: 0.04
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Sonoma

envid: S112934037
 Year: 2006
 GEPAID: CAC002572081
 Contact: DON FERNANDEZ
 Telephone: 7075730622
 Mailing Name: Not reported
 Mailing Address: 3250 YOLANDA AVE
 Mailing City,St,Zip: SANTA ROSA, CA 95407
 Gen County: Not reported
 TSD EPA ID: CAD059494310
 TSD County: Not reported
 Waste Category: Alkaline solution without metals pH >= 12.5
 Disposal Method: Treatment, Tank
 Tons: 0.07
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Sonoma

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

**A10
 Target
 Property**

**HULSMAN TRANS
 325 YOLANDA AVE
 SANTA ROSA, CA 95402**

**HIST UST U001609358
 N/A**

Site 10 of 10 in cluster A

**Actual:
 147 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HULSMAN TRANS (Continued)

U001609358

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:](#)

B11
SSW
< 1/8
0.006 mi.
34 ft.

MALM FIREPLACES
326 & 368 YOLANDA AVENUE
SANTA ROSA, CA 95407

Cortese **S110985146**
EMI **N/A**
ENF

Site 1 of 3 in cluster B

Relative:
Lower
Actual:
143 ft.

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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

Region: 1
Facility Id: 239274
Agency Name: Crownover, Glen & Joyce
Place Type: Manufacturing
Place Subtype: Manufacturing NEC
Facility Type: Industrial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	1
Facility Id:	239274
Agency Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM FIREPLACES (Continued)

S110985146

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
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

MALM FIREPLACES (Continued)

S110985146

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
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

MALM FIREPLACES (Continued)

S110985146

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
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:	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
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: 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

C12
West
< 1/8
0.012 mi.
61 ft.

NORTH BAY HONDA SLS & SERV
2612 SANTA ROSA AVE
SANTA ROSA, CA 95401

EDR Hist Auto **1014181166**
N/A

Site 1 of 4 in cluster C

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D13
SE
 < 1/8
 0.014 mi.
 72 ft.

H DONS DRIVESHAFT
400 YOLANDA AVE
SANTA ROSA, CA 95404

Site 1 of 2 in cluster D

EDR Hist Auto **1014166007**
 N/A

Relative: EDR Hist Auto
Higher

Actual: 147 ft.	Year:	Name:	Type:
	1987	DONS DRIVESHAFT	Industrial Machinery, NEC
	1988	DONS DRIVESHAFT	Industrial Machinery, NEC
	1989	R&S RADIATOR & AUTOMOTIVE	Powertrain Components Repair Services
	1990	D R & S RADIATOR & AIR CONDT SE	RADIATOR REPAIRERS-AUTOMOBILE
	1990	D R & S RADIATOR & AIR CONDT SE	AUTOMOBILE REPAIRING
	1990	H DONS DRIVESHAFT	AUTOMOBILE REPAIRING
	1990	DONS DRIVESHAFT	Automotive Supplies And Parts
	1990	R&S RADIATOR & AUTOMOTIVE	Powertrain Components Repair Services
	1991	R&S RADIATOR & AUTOMOTIVE	Powertrain Components Repair Services
	1991	DONS DRIVESHAFT	Automotive Supplies And Parts
	1992	R&S RADIATOR & AUTOMOTIVE	Powertrain Components Repair Services
	1992	DONS DRIVESHAFT	Automotive Supplies And Parts
	1993	DONS DRIVESHAFT	Automotive Supplies And Parts
	1994	AUTOKRAFT	General Automotive Repair Shops
	1994	DONS DRIVESHAFT	Automotive Supplies And Parts
	1995	AUTOKRAFT	General Automotive Repair Shops
	1996	AUTOKRAFT	General Automotive Repair Shops
	1997	AUTOKRAFT	General Automotive Repair Shops
	1998	AUTOKRAFT	General Automotive Repair Shops
	1999	AUTOKRAFT	General Automotive Repair Shops
	2000	AUTOKRAFT	General Automotive Repair Shops
	2001	AUTOKRAFT	General Automotive Repair Shops
	2002	AUTOKRAFT	General Automotive Repair Shops
	2003	AUTOKRAFT	General Automotive Repair Shops
	2004	AUTOKRAFT	General Automotive Repair Shops
	2005	AUTOKRAFT	General Automotive Repair Shops
	2006	AUTOKRAFT	General Automotive Repair Shops
	2007	AUTOKRAFT	General Automotive Repair Shops
	2008	AUTOKRAFT	General Automotive Repair Shops
	2009	AUTOKRAFT	General Automotive Repair Shops
	2010	AUTOKRAFT	General Automotive Repair Shops
	2011	KELLY WINKLEBAUER AUTO RE	General Automotive Repair Shops
	2011	AUTOKRAFT	General Automotive Repair Shops
	2012	AUTOKRAFT	General Automotive Repair Shops
	2012	KELLY WINKLEBAUER AUTO RE	General Automotive Repair Shops
	2013	AUTOKRAFT	General Automotive Repair Shops
	2013	KELLY WINKLEBAUER AUTO RE	General Automotive Repair Shops

D14
SE
 < 1/8
 0.014 mi.
 73 ft.

BOBS V W MACHINERY REPR
412 YOLANDA AVE
SANTA ROSA, CA 95404

Site 2 of 2 in cluster D

EDR Hist Auto **1014175101**
 N/A

Relative: EDR Hist Auto
Higher

Actual: 147 ft.	Year:	Name:	Type:
	1988	BOBS V W MACHINERY	General Automotive Repair Shops
	1989	BOBS	General Automotive Repair Shops
	1989	BOBS V W MACHINERY	General Automotive Repair Shops
	1990	BOBS V W MACHINERY REPR	AUTOMOBILE REPAIRING

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOBS V W MACHINERY REPR (Continued)

1014175101

1990	BOBS V W MACHINERY	General Automotive Repair Shops
1991	BOBS	General Automotive Repair Shops
1991	BOBS V W MACHINERY	General Automotive Repair Shops
1992	BOBS V W MACHINERY	Automotive Repair Shops, NEC
1993	BOBS V W MACHINERY	Automotive Repair Shops, NEC
1994	BOBS V W MACHINERY	Automotive Repair Shops, NEC
1995	VANS V W MACHINERY	Automotive Repair Shops, NEC
1996	VANS V W MACHINERY	Automotive Repair Shops, NEC
1997	VANS V W MACHINERY	Automotive Repair Shops, NEC
1998	VANS V W MACHINERY	Automotive Repair Shops, NEC
1999	VANS V W MACHINERY	Automotive Repair Shops, NEC

B15
 South
 < 1/8
 0.016 mi.
 83 ft.

B BILLS AUTO PARTS
 368 YOLANDA AVE
 SANTA ROSA, CA 95404

EDR Hist Auto

1014193440
 N/A

Site 2 of 3 in cluster B

Relative: EDR Hist Auto
Lower

Actual:	Year:	Name:	Type:
145 ft.	1987	B BILLS AUTO PARTS	AUTOMOBILE REPAIRING
	1994	BILL AUTO PART STEPHEN AUTO	Auto And Home Supply Stores
	1995	BILL AUTO PART STEPHEN AUTO	Auto And Home Supply Stores

B16
 South
 < 1/8
 0.016 mi.
 83 ft.

FIREFORM PORCELAIN INC
 368 YOLANDA AVE
 SANTA ROSA, CA 95404

RCRA-SQG

1000473021
SLIC CAD982438376

Site 3 of 3 in cluster B

Relative: RCRA-SQG:
Lower

Actual:	Date form received by agency:	04/26/1993
145 ft.	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIREFORM PORCELAIN INC (Continued)

1000473021

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
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

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),

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIREFORM PORCELAIN INC (Continued)

1000473021

Site History: Trichloroethylene (TCE), Vinyl chloride
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.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIREFORM PORCELAIN INC (Continued)

1000473021

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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIREFORM PORCELAIN INC (Continued)

1000473021

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.

E17
East
< 1/8
0.019 mi.
101 ft.

SANTA ROSA PLANT
455 YOLANDA AVE
SANTA ROSA, CA 95401

HIST UST **U001609293**
CHMIRS **N/A**
WDS

Site 1 of 6 in cluster E

Relative:
Higher
Actual:
151 ft.

HIST UST:
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

U001609293

Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

U001609293

Tank Num: 010
Container Num: 72
Year Installed: 1981
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

U001609293

Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

U001609293

onto asphalt in parking lot

OES Incident Number:	7-4776
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:	12/1/1997 12:00:00 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

U001609293

#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: 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SANTA ROSA PLANT (Continued)

U001609293

management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

E18
East
< 1/8
0.019 mi.
101 ft.

REDWOOD OIL COMPANY
455 YOLANDA AVE.
SANTA ROSA, CA
Site 2 of 6 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

E19
East
< 1/8
0.019 mi.
101 ft.

REDWOOD OIL #141 (BULK PLANT)
YOLANDA AVENUE 455
SANTA ROSA, CA
Site 3 of 6 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

E20
East
< 1/8
0.019 mi.
101 ft.

REDWOOD OIL COMPANY
455 YOLANDA AVENUE
SANTA ROSA, CA 95404

Site 4 of 6 in cluster E

Relative:
Higher

Actual:
151 ft.

LUST **S100236344**
Cortese **N/A**
EMI
ENF
HIST CORTESE
NPDES
Notify 65

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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
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

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:	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
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

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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
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

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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

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

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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

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

Map ID
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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: 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
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 Smllr 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 Smllr 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

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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 Smllr 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
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 Smllr 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 Smllr 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 Smllr Tons/Yr:0

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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
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

Map ID
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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: 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
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 Smlr 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 Smlr 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

Map ID
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Elevation

MAP FINDINGS

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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

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
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 Smlr 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 Smlr 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 Smlr Tons/Yr:0

Year: 2006

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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 Smlr Tons/Yr:0

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

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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
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

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REDWOOD OIL COMPANY (Continued)

S100236344

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr 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
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

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

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MAP FINDINGS

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EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

# 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):	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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):	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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
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

REDWOOD OIL COMPANY (Continued)

S100236344

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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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):	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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
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: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 1
Regulatory Measure Id: 272509
Order No: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	1 491020005
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 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

REDWOOD OIL COMPANY (Continued)

S100236344

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
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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REDWOOD OIL COMPANY (Continued)

S100236344

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

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

E21
East
< 1/8
0.019 mi.
101 ft.

SANTA ROSA PLANT
455 YOLANDA AVE
SANTA ROSA, CA 95401
Site 5 of 6 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

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

S101627207

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

S101627207

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

S101627207

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLANT (Continued)

S101627207

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
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 Smlr 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 Smlr Tons/Yr:0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E22 **REDWOOD OIL COMPANY**
East **455 YOLANDA AVE**
< 1/8 **SANTA ROSA, CA 95404**
0.021 mi.
110 ft. **Site 6 of 6 in cluster E**

EDR Hist Auto **1021292847**
N/A

Relative: EDR Hist Auto
Higher

Actual: 151 ft.	Year:	Name:	Type:
	1973	GANTNER H R INC	Petroleum Products, NEC
	1974	GANTNER H R INC	Petroleum Products, NEC
	1975	GANTNER H R INC	Petroleum Products, NEC
	1976	GANTNER H R INC	Gasoline Service Stations
	1977	GANTNER H R INC	Gasoline Service Stations
	1978	GANTNER H R INC	Gasoline Service Stations
	1979	GANTNER H R INC	Gasoline Service Stations
	1980	REDWOOD OIL COMPANY*	Gasoline Service Stations
	1988	REDWOOD OIL COMPANY	Petroleum Products, NEC
	1989	REDWOOD OIL COMPANY	Petroleum Products, NEC
	1990	REDWOOD OIL COMPANY	Petroleum Products, NEC
	1991	REDWOOD OIL COMPANY	Petroleum Products, NEC
	1992	REDWOOD OIL COMPANY	Petroleum Products, NEC
	1993	REDWOOD OIL COMPANY	Petroleum Products, NEC
	1994	REDWOOD OIL COMPANY	Petroleum Products, NEC
	1995	REDWOOD OIL COMPANY	Petroleum Products, NEC
	1996	REDWOOD OIL COMPANY	Petroleum Products, NEC
	1997	REDWOOD OIL COMPANY	Petroleum Products, NEC
	1998	REDWOOD OIL COMPANY	Petroleum Products, NEC
	1999	REDWOOD OIL COMPANY	Petroleum Products, NEC
	2000	REDWOOD OIL COMPANY	Petroleum Products, NEC
	2001	REDWOOD OIL COMPANY	Petroleum Products, NEC
	2002	REDWOOD OIL COMPANY	Petroleum Products, NEC
	2003	REDWOOD OIL COMPANY	Petroleum Products, NEC
	2004	REDWOOD OIL COMPANY	Petroleum Products, NEC
	2005	REDWOOD COAST PETROLEUM INC	Petroleum Products, NEC
	2006	REDWOOD COAST PETROLEUM INC	Petroleum Products, NEC

C23 **MICHAEL'S AUTO**
WSW **2642 SANTA ROSA AVENUE**
< 1/8 **SANTA ROSA, CA 95401**
0.028 mi.
147 ft. **Site 2 of 4 in cluster C**

LUST **S100467832**
ENF **N/A**
HIST CORTESE

Relative: LUST:
Lower Lead Agency: NORTH COAST RWQCB (REGION 1)
Actual: Case Type: LUST Cleanup Site
141 ft. 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL'S AUTO (Continued)

S100467832

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL'S AUTO (Continued)

S100467832

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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MICHAEL'S AUTO (Continued)

S100467832

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL'S AUTO (Continued)

S100467832

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):	224329
Region:	1
Order / Resolution Number:	92-071
Enforcement Action Type:	Clean-up and Abatement Order

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MICHAEL'S AUTO (Continued)

S100467832

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
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSR044

C24
WSW
 < 1/8
 0.028 mi.
 147 ft.

GERRICK STEVE EXXON SERVICE
2642 SANTA ROSA AVE
SANTA ROSA, CA 95401

EDR Hist Auto 1014170275
N/A

Site 3 of 4 in cluster C

Relative:
Lower

EDR Hist Auto

Actual:
141 ft.

Year:	Name:	Type:
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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GERRICK STEVE EXXON SERVICE (Continued)

1014170275

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

25
NW
 < 1/8
 0.052 mi.
 275 ft.

DAVES AUTO RADIO REPAIR
2450 SANTA ROSA AVE
SANTA ROSA, CA 95407

EDR Hist Auto 1014177706
N/A

Relative:
Lower

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

F26
ESE
 < 1/8
 0.053 mi.
 282 ft.

PACIFIC BELL
459 YOLANDA
SANTA ROSA, CA 95404

RCRA NonGen / NLR 1000251625
FINDS CAT080025992
ECHO

Relative:
Higher

RCRA NonGen / NLR:

Actual:
149 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000251625

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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>

**F27
ESE
< 1/8
0.053 mi.
282 ft.**

**FLYERS ENERGY 3017
459 YOLANDA AVENUE
SANTA ROSA, CA 95404**

Site 2 of 5 in cluster F

**LUST
HAZNET
HIST CORTESE
NPDES
Notify 65**

**S100236345
N/A**

**Relative:
Higher
Actual:
149 ft.**

LUST REG 1:
Region: 1
Facility ID: 1TSR052
Staff Initials: JEF

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
Cat Decode: Unspecified organic liquid mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLYERS ENERGY 3017 (Continued)

S100236345

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
FACILITY CONTACT NAME: 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 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
Regulatory Measure Type:	Industrial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLYERS ENERGY 3017 (Continued)

S100236345

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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLYERS ENERGY 3017 (Continued)

S100236345

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

F28
ESE
< 1/8
0.053 mi.
282 ft.

FLYERS #479
459 YOLANDA AVE
SANTA ROSA, CA 95404
Site 3 of 5 in cluster F

UST U004262720
N/A

Relative:
Higher
Actual:
149 ft.

UST:
Facility ID: 49-060-000577
Permitting Agency: Santa Rosa City Fire Department
Latitude: 38.453733
Longitude: -122.672345

F29
ESE
< 1/8
0.053 mi.
282 ft.

PRIVATE RESIDENCE
PRIVATE RESIDENCE
SANTA ROSA, CA 95404
Site 4 of 5 in cluster F

LUST S110655644
N/A

Relative:
Higher
Actual:
150 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=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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIVATE RESIDENCE (Continued)

S110655644

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

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PRIVATE RESIDENCE (Continued)

S110655644

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

G30
SW
 < 1/8
 0.056 mi.
 297 ft.

7-ELEVEN #33277
2648 SANTA ROSA AVENUE
SANTA ROSA, CA 95407

UST U004262773
N/A

Site 1 of 6 in cluster G

Relative:
Lower
Actual:
138 ft.

UST:	
Facility ID:	Not reported
Permitting Agency:	Santa Rosa City Fire Department
Latitude:	37.271881
Longitude:	-119.270233

G31
WSW
 < 1/8
 0.059 mi.
 312 ft.

SANTA ROSA PLUME AT YOLANDA
YOLANDA AT SANTA ROSA AVENUE
SANTA ROSA, CA 95404

SLIC S103866825
N/A

Site 2 of 6 in cluster G

Relative:
Lower
Actual:
139 ft.

SLIC REG 1:	
Region:	1
Facility ID:	1NSR354
Staff Initials:	SKB

C32
WSW
 < 1/8
 0.059 mi.
 314 ft.

NOLAN C R AUTO REPAIR
2626 SANTA ROSA AVE
SANTA ROSA, CA 95401

EDR Hist Auto 1014180585
N/A

Site 4 of 4 in cluster C

Relative:
Lower
Actual:
139 ft.

EDR Hist Auto		
Year:	Name:	Type:
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NOLAN C R AUTO REPAIR (Continued)

1014180585

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

G33
WSW
 < 1/8
 0.059 mi.
 314 ft.

MALM METAL PRODS INC
2640 SANTA ROSA AVE
SANTA ROSA, CA 95401

Site 3 of 6 in cluster G

RCRA-SQG 1000294255
LUST CAD059594663
FINDS
ECHO
ENF
HIST CORTESE

Relative:
Lower

Actual:
139 ft.

RCRA-SQG:

Date form received by agency: 09/01/1996
 Facility name: MALM METAL PRODS INC
 Facility address: 2640 SANTA ROSA AVE
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

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
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

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:	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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

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
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

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: 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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

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
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

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
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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MALM METAL PRODS INC (Continued)

1000294255

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

G34
SW
< 1/8
0.066 mi.
351 ft.

AUTO LIFE CENTER
2698 SANTA ROSA AVENUE
SANTA ROSA, CA 95404

LUST **S102949348**
SLIC **N/A**
HIST CORTESE

Site 4 of 6 in cluster G

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO LIFE CENTER (Continued)

S102949348

Action: Leak Stopped

Global Id: T0609700753
Action Type: Other
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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO LIFE CENTER (Continued)

S102949348

File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Well used for drinking water supply
Potential Contaminants of Concern: * Solvents
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

G35
SW
< 1/8
0.066 mi.
351 ft.

AUTO LIFE CENTER AUTO REPR
2698 SANTA ROSA AVE
SANTA ROSA, CA 95401
Site 5 of 6 in cluster G

EDR Hist Auto 1014184229
N/A

Relative:
Lower

EDR Hist Auto

Actual:
137 ft.

Year:	Name:	Type:
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
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

G36
SW
< 1/8
0.077 mi.
404 ft.

LYLES TACKLE SHOP
2690 SANTA ROSA AVENUE
SANTA ROSA, CA 95404
Site 6 of 6 in cluster G

SLIC S105051040
N/A

Relative:
Lower

SLIC:

Actual:
137 ft.

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LYLES TACKLE SHOP (Continued)

S105051040

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

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

SLIC REG 1:

Region: 1
 Facility ID: 1NSR346
 Staff Initials: SKB

F37
ESE
 < 1/8
 0.093 mi.
 492 ft.

FOREIGN AUTO WERKSTATT AUTO REPR
468 YOLANDA AVE
SANTA ROSA, CA 95404

EDR Hist Auto 1014190013
N/A

Site 5 of 5 in cluster F

Relative:
Higher

EDR Hist Auto

Actual:
149 ft.

Year:	Name:	Type:
1983	DIESEL FUEL INJECTION	Automotive Repair Shops, NEC
1985	DIESEL FUEL INJECTION SYSTEMS*	Automotive Repair Shops, NEC
1986	DIESEL FUEL INJECTION SYSTEMS*	Automotive Repair Shops, NEC
1987	FOREIGN AUTO WERKSTATT AUTO REP	AUTOMOBILE REPAIRING
1987	DIESEL FUEL INJECTION SYSTEMS	Automotive Repair Shops, NEC
1988	DIESEL FUEL INJECTION SYSTEMS	Automotive Repair Shops, NEC
1989	DIESEL FUEL INJECTION SYSTEMS	Automotive Repair Shops, NEC, NEC
1989	MILLARS UPHOLSTERY	General Automotive Repair Shops
1990	FOREIGN AUTO WERKSTATT AUTO REP	AUTOMOBILE REPAIRING
1990	DIESEL FUEL INJECTION SYSTEMS	Automotive Repair Shops, NEC, NEC
1991	DIESEL FUEL INJECTION SYSTEMS	Automotive Repair Shops, NEC, NEC
1991	MILLARS UPHOLSTERY	General Automotive Repair Shops
1992	MILLARS UPHOLSTERY	General Automotive Repair Shops
1992	DIESEL FUEL INJECTION SYSTEMS	Automotive Repair Shops, NEC, NEC
1993	MILLARS UPHOLSTERY	General Automotive Repair Shops
1993	HARRINGTON JOHN	Automotive Repair Shops, NEC, NEC
1994	HARRINGTON JOHN	Automotive Repair Shops, NEC, NEC
1995	HARRINGTON JOHN	Automotive Repair Shops, NEC, NEC
1996	HARRINGTON JOHN	Automotive Repair Shops, NEC, NEC
1996	GERMAN CAR GARAGE	General Automotive Repair Shops
1996	ANDERSEN SOREN	General Automotive Repair Shops
1997	HARRINGTON JOHN	Automotive Repair Shops, NEC, NEC
1997	GERMAN CAR GARAGE	General Automotive Repair Shops
1997	ANDERSEN SOREN	General Automotive Repair Shops
1998	GERMAN CAR GARAGE	General Automotive Repair Shops
1998	ANDERSEN SOREN	General Automotive Repair Shops
1999	ANDERSEN SOREN	General Automotive Repair Shops
1999	GERMAN CAR GARAGE	General Automotive Repair Shops
2000	ANDERSEN SOREN	General Automotive Repair Shops
2000	HARRINGTON JOHN	Automotive Repair Shops, NEC, NEC
2000	VANS V W MACHINERY	Automotive Repair Shops, NEC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREIGN AUTO WERKSTATT AUTO REPR (Continued)

1014190013

2001	HARRINGTON JOHN	Automotive Repair Shops, NEC, NEC
2001	ANDERSEN SOREN	General Automotive Repair Shops
2001	VANS V W MACHINERY	Automotive Repair Shops, NEC
2002	VANS V W MACHINERY	Automotive Repair Shops, NEC
2002	HARRINGTON JOHN	Automotive Repair Shops, NEC, NEC
2002	ANDERSEN SOREN	General Automotive Repair Shops
2003	VANS V W MACHINERY	Automotive Repair Shops, NEC
2003	ANDERSEN SOREN	General Automotive Repair Shops
2004	VANS V W MACHINERY	Automotive Repair Shops, NEC
2004	HENSLEYS AUTO	General Automotive Repair Shops
2004	ANDERSEN SOREN	General Automotive Repair Shops
2005	ANDERSEN SOREN	General Automotive Repair Shops
2005	VANS V W MACHINERY	Automotive Repair Shops, NEC
2005	SYNDICATE AUTO PERFORMANCE	General Automotive Repair Shops
2005	HENSLEYS AUTO	General Automotive Repair Shops
2006	ANDERSEN SOREN	General Automotive Repair Shops
2006	VANS V W MACHINERY	Automotive Repair Shops, NEC
2006	HENSLEYS AUTO	General Automotive Repair Shops
2006	SYNDICATE AUTO PERFORMANCE	General Automotive Repair Shops
2007	VANS V W MACHINERY	Automotive Repair Shops, NEC
2007	HENSLEYS AUTO	General Automotive Repair Shops
2007	ANDERSEN SOREN	General Automotive Repair Shops
2007	SYNDICATE AUTO PERFORMANCE	General Automotive Repair Shops
2008	HENSLEYS AUTO	General Automotive Repair Shops
2008	ANDERSEN SOREN	General Automotive Repair Shops
2008	VANS V W MACHINERY	Automotive Repair Shops, NEC
2008	SYNDICATE AUTO PERFORMANCE	General Automotive Repair Shops
2009	VANS V W MACHINERY	Automotive Repair Shops, NEC
2009	R & L AUTOMOTIVE	Automotive Repair Shops, NEC
2009	ANDERSEN SOREN	General Automotive Repair Shops
2009	HENSLEYS AUTO	General Automotive Repair Shops
2009	BIG ROBS AUTO	General Automotive Repair Shops
2010	ANDERSEN SOREN	General Automotive Repair Shops
2010	VANS V W MACHINERY	Automotive Repair Shops, NEC
2010	FOREIGN AUTO WERKSTATT	General Automotive Repair Shops
2010	HENSLEYS AUTO	General Automotive Repair Shops
2010	BIG ROBS AUTO	General Automotive Repair Shops
2011	HENSLEYS AUTO	General Automotive Repair Shops
2011	ANDERSEN SOREN	General Automotive Repair Shops
2012	T&K AUTOMOTIVE	General Automotive Repair Shops
2012	ANDERSEN SOREN	General Automotive Repair Shops
2012	HENSLEYS AUTO	General Automotive Repair Shops
2013	T&K AUTOMOTIVE	General Automotive Repair Shops
2013	HENSLEYS AUTO	General Automotive Repair Shops
2013	ANDERSEN SOREN	General Automotive Repair Shops
2014	HENSLEYS AUTO	General Automotive Repair Shops
2014	T&K AUTOMOTIVE	General Automotive Repair Shops
2014	ANDERSEN SOREN	General Automotive Repair Shops

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

38
East
1/8-1/4
0.133 mi.
701 ft.

PACIFIC BELL
463 YOLANDA AVE
SANTA ROSA, CA 95404

RCRA NonGen / NLR 1000250604
FINDS CAD093080018
ECHO

Relative:
Higher

RCRA NonGen / NLR:

Actual:
151 ft.

Date form received by agency: 09/02/1997
Facility name: PACIFIC BELL
Facility address: 463 YOLANDA AVE
SANTA ROSA, CA 95404
EPA ID: CAD093080018
Mailing address: 3707 KINGS WAY SEC A-6
SACRAMENTO, CA 95821
Contact: ENVIRONMENTAL MANAGER
Contact address: 463 YOLANDA AVE
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

Owner/Operator Summary:

Owner/operator name: RAPP PROPERTIES
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996
Site name: PACIFIC BELL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250604

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: 110002663948

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: 1000250604

Registry ID: 110002663948

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002663948>

**39
NNW
1/8-1/4
0.137 mi.
724 ft.**

**GROG SHOP
2296 SANTA ROSA
SANTA ROSA, CA 95404**

**LUST S102430994
HIST CORTESE N/A**

**Relative:
Lower
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=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
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

GROG SHOP (Continued)

S102430994

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

LUST REG 1:

Region: 1
Facility ID: 1TSR298
Staff Initials: JEF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GROG SHOP (Continued)

S102430994

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR298

H40
East
1/8-1/4
0.150 mi.
791 ft.

RITZ C GUGGIANA ENTERPRISES
651 YOLANDA AVE
SANTA ROSA, CA 95404
Site 1 of 3 in cluster H

RCRA-SQG 1000819718
FINDS CAD983657164
ECHO
HAZNET

Relative:
Higher

RCRA-SQG:
Date form received by agency: 01/13/1993
Facility name: RITZ C GUGGIANA ENTERPRISES
Facility address: 651 YOLANDA AVE
SANTA ROSA, CA 95404
EPA ID: CAD983657164
Mailing address: P O BOX 69
SANTA ROSA, CA 95402
Contact: DAN LINCOLN
Contact address: 651 YOLANDA AVE
SANTA ROSA, CA 95404
Contact country: US
Contact telephone: 707-545-4540
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
153 ft.

Owner/Operator Summary:
Owner/operator name: NOELLE DANGREMOND
Owner/operator address: 424 OAK BROOK LN
SANTA ROSA, CA 95409
Owner/operator country: Not reported
Owner/operator telephone: 707-538-7289
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITZ C GUGGIANA ENTERPRISES (Continued)

1000819718

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: 110002890916

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: 1000819718
Registry ID: 110002890916
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002890916>

HAZNET:

envid: 1000819718
Year: 1996
GEPaid: CAD983657164
Contact: NOELLE DANGREMOND
Telephone: 7075387289
Mailing Name: Not reported
Mailing Address: 3000 DUTTON AVE
Mailing City,St,Zip: SANTA ROSA, CA 954020069
Gen County: Not reported
TSD EPA ID: CAT080031628
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .1459
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Sonoma

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

H41
East
1/8-1/4
0.150 mi.
791 ft.

RITZ FOOD & EQUIP DIST.
651 YOLANDA AVE
SANTA ROSA, CA 95404

Site 2 of 3 in cluster H

HIST UST **U001609436**
N/A

Relative:
Higher
Actual:
153 ft.

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000010174
Facility Type: Other
Other Type: FOOD & EQUIP DIST.
Contact Name: STEVE BRADY
Telephone: 7075454540
Owner Name: RITZ C GUGGIANA ENTERPRIZES
Owner Address: 651 YOLANDA AVE
Owner City,St,Zip: SANTA ROSA, CA 95404
Total Tanks: 0001

Tank Num: 001
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: Visual

H42
East
1/8-1/4
0.150 mi.
791 ft.

RITZ FOOD & EQUIP DIST.
651 YOLANDA AVE
SANTA ROSA, CA 95404

Site 3 of 3 in cluster H

SWEEPS UST **S101627297**
HIST UST **N/A**
CA FID UST

Relative:
Higher
Actual:
153 ft.

SWEEPS UST:
Status: Active
Comp Number: 10174
Number: 9
Board Of Equalization: 44-028178
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-010174-000001
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

HIST UST:
File Number: 0002162D
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002162D.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITZ FOOD & EQUIP DIST. (Continued)

S101627297

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: 49002070
Regulated By: UTNKA
Regulated ID: 00010174
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075454540
Mail To: Not reported
Mailing Address: 651 YOLANDA 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

**I43
ESE
1/8-1/4
0.170 mi.
895 ft.**

**BURT STREET DEVELOPMENT
YOLANDA & PETALUMA ROADS
SANTA ROSA, CA 95404**

**ENVIROSTOR S102860966
VCP N/A**

Site 1 of 2 in cluster I

**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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURT STREET DEVELOPMENT (Continued)

S102860966

Division Branch: Cleanup Berkeley
Assembly: 04
Senate: 02
Special Program: Voluntary Cleanup Program
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURT STREET DEVELOPMENT (Continued)

S102860966

National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
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 ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

J44
NW
1/8-1/4
0.170 mi.
898 ft.

SIETZ EUROPEAN MOTORS
112 COMMERCIAL COURT 22
SANTA ROSA, CA 95407

Site 1 of 3 in cluster J

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

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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 FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

J45
NW
1/8-1/4
0.170 mi.
898 ft.

BAVARIAN TUNING
112 COMMERCIAL CT
SANTA ROSA, CA

Site 2 of 3 in cluster J

AST **A100323126**
N/A

Relative:
Lower

Actual:
143 ft.

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

J46
NW
1/8-1/4
0.170 mi.
898 ft.

GOLDEN GATE NORTH
112 COMMERCIAL CT.
SANTA ROSA, CA 95407

Site 3 of 3 in cluster J

RCRA-SQG **1000175246**
FINDS **CAD144157435**
ECHO

Relative:
Lower

Actual:
143 ft.

RCRA-SQG:
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN GATE NORTH (Continued)

1000175246

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
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: 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GOLDEN GATE NORTH (Continued)

1000175246

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>

47
ENE
1/8-1/4
0.207 mi.
1094 ft.

KAWANA SPRINGS PIPELINE
KAWANA SPRINGS
SANTA ROSA, CA 95404

SLIC S105051100
N/A

Relative:
Higher
Actual:
159 ft.

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

MAP FINDINGS

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

I48 ESE 1/8-1/4 0.208 mi. 1097 ft.	DAVIDSON, WILLIAM 800 YOLANDA AVENUE SANTA ROSA, CA 95404 Site 2 of 2 in cluster I	SLIC	S106487415 N/A
---	---	-------------	---------------------------------

Relative: Higher Actual: 155 ft.	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:

K49 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 K	LUST	S101304972 N/A
---	---	-------------	---------------------------------

Relative: Lower Actual: 132 ft.	LUST REG 1: Region: 1 Facility ID: 1TSR099 Staff Initials: Closed
--	---

K50 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 K	LUST ENF HAZNET HIST CORTESE Notify 65	S100179298 N/A
---	---	---	---------------------------------

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
--	---

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

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):	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

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)
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEPPER, TOM (Continued)

S100179298

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
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

**L51
WSW
1/8-1/4
0.216 mi.
1142 ft.**

**MANLY AUTOCENTER
2701 CORBY AVENUE
SANTA ROSA, CA 95407**

Site 1 of 5 in cluster L

**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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY AUTOCENTER (Continued)

1000594904

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY AUTOCENTER (Continued)

1000594904

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

[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
GEPID: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY AUTOCENTER (Continued)

1000594904

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY AUTOCENTER (Continued)

1000594904

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.

L52
WSW
1/8-1/4
0.216 mi.
1142 ft.

MANLY AUTOCENTER
2701 CORBY
SANTA ROSA, CA
Site 2 of 5 in cluster L

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY AUTOCENTER (Continued)

1006823329

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
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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

L53
WSW
1/8-1/4
0.216 mi.
1142 ft.
MANLY OLDSMOBILE - GMC, INC.
2701 CORBY AVENUE
SANTA ROSA, CA 95407
Site 3 of 5 in cluster L

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

L54
WSW
1/8-1/4
0.220 mi.
1163 ft.
MANLY OLDS GMC TRUCK
2755 CORBY AVE
SANTA ROSA, CA 95401
Site 4 of 5 in cluster L

HIST UST **1000293466**
CA FID UST **CAD981441405**
RCRA NonGen / NLR
FINDS
ECHO

Relative: HIST UST:
Lower File Number: 00021B71
Actual: URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021B71.pdf>
133 ft. 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY OLDS GMC TRUCK (Continued)

1000293466

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:](#)

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY OLDS GMC TRUCK (Continued)

1000293466

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

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY OLDS GMC TRUCK (Continued)

1000293466

ECHO:

Envid: 1000293466
Registry ID: 110002706563
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002706563>

L55
WSW
1/8-1/4
0.220 mi.
1163 ft.

MANLY MITSUBISHI
2755 CORBY AVENUE
SANTA ROSA, CA 95407

Site 5 of 5 in cluster L

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY MITSUBISHI (Continued)

S100939492

Action: Leak Reported

Global Id: T0609700718

Action Type: Other

Date: 09/20/1993

Action: Leak Discovery

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANLY MITSUBISHI (Continued)

S100939492

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: 49-060-002684-000002
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

M56 **S & W INVESTMENTS**
NNW **2159 SANTA ROSA**
1/8-1/4 **SANTA ROSA, CA 95407**
0.221 mi.
1165 ft. **Site 1 of 6 in cluster M**

LUST **S101304970**
HIST CORTESE **N/A**

Relative:
Lower
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 FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

M57 **SMOTHERS AUTO CTR. INC.**
NNW **2157 SANTA ROSA AVE**
1/8-1/4 **SANTA ROSA, CA 95407**
0.222 mi.
1172 ft. **Site 2 of 6 in cluster M**

SWEEPS UST **S101627379**
CA FID UST **N/A**

Relative:
Lower

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

M58 **SMOTHERS AUTO CTR INC**
NNW **2157 SANTA ROSA AVE**
1/8-1/4 **SANTA ROSA, CA 95407**
0.222 mi.
1172 ft. **Site 3 of 6 in cluster M**

HIST UST **U001609578**
N/A

Relative:
Lower

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:

N59
West
1/8-1/4
0.226 mi.
1192 ft.

SHELL
2575 CORBY AVENUE
SANTA ROSA, CA 95407

Site 1 of 11 in cluster N

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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288604

Global Id: T0609700103
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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288604

Date: 08/13/2002
Action: Staff Letter

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288604

Global Id:	T0609700103
Action Type:	RESPONSE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288604

Date: 05/31/2002
Action: CAP/RAP - Feasibility Study Report

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288604

Global Id:	T0609700103
Action Type:	ENFORCEMENT
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288604

Date: 10/31/2005
Action: Monitoring Report - Quarterly

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288604

LUST:

Global Id: T0609700103
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288604

Referral Date: 07-01-85
Action Date: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288604

Capacity: 550
Active Date: 07-01-85
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

1000288604

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: 0.229
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		Database(s)	EDR ID Number EPA ID Number
--	--	-------------	--------------------------------

N60 West 1/8-1/4 0.226 mi. 1192 ft.	SHELL SERVICE STATION 2575 CORBY DR SANTA ROSA, CA 95407 Site 2 of 11 in cluster N	RCRA-SQG LUST FINDS ECHO HAZNET	1004678492 CAR000109736
--	---	--	--

Relative: RCRA-SQG:
Lower Date form received by agency: 11/29/2001

Actual: Facility name: SHELL SERVICE STATION
137 ft. 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

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
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR 300G03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004678492

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
Mailing Address: 12700 NORTHBOROUGH DRIVE
Mailing City,St,Zip: Houston, TX 770672508

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004678492

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.

N61 **CORBY SHELL**
West **2575 CORBY AVENUE**
1/8-1/4 **SANTA ROSA, CA 95407**
0.226 mi.
1192 ft. **Site 3 of 11 in cluster N**

UST **U004050059**
 N/A

Relative: **UST:**
Lower Facility ID: 49-000-000217
 Permitting Agency: Santa Rosa City Fire Department
Actual: Latitude: 38.414641
137 ft. Longitude: -122.717678

 Facility ID: 49-000-000217
 Permitting Agency: SONOMA COUNTY
 Latitude: 38.4160592
 Longitude: -122.7164732

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

N62 COLBY AVENUE SHELL
West 2575 CORBY AVE
1/8-1/4 SANTA ROSA, CA 95407
0.226 mi.
1192 ft. Site 4 of 11 in cluster N

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
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLBY AVENUE SHELL (Continued)

S101627368

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N63
West
1/8-1/4
0.226 mi.
1192 ft.
PAUL M KALTENBACH
2575 CORBY
SANTA ROSA, CA 95407
Site 5 of 11 in cluster N

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 ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M64
NNW
1/8-1/4
0.229 mi.
1211 ft.

OE'S PERFORMANCE
SANTA ROSA AVENUE 2151
SANTA ROSA, CA

Site 4 of 6 in cluster M

LUST S104163217
N/A

Relative:
Lower
Actual:
145 ft.

LUST REG 1:
Region: 1
Facility ID: 1TSR280
Staff Initials: Closed

M65
NNW
1/8-1/4
0.229 mi.
1211 ft.

JOE'S PERFORMANCE TOWING INC.
2151 SANTA ROSA
SANTA ROSA, CA 95407

Site 5 of 6 in cluster M

SWEEPS UST S101627363
HIST UST N/A
CA FID UST

Relative:
Lower
Actual:
145 ft.

SWEEPS UST:
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOE'S PERFORMANCE TOWING INC. (Continued)

S101627363

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOE'S PERFORMANCE TOWING INC. (Continued)

S101627363

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M66
NNW
1/8-1/4
0.229 mi.
1211 ft.

JOE'S PERFORMANCE TOWING INC.
2151 SANTA ROSA
SANTA ROSA, CA 95407
Site 6 of 6 in cluster M

LUST U001609550
HIST UST N/A
HIST CORTESE

Relative:
Lower

LUST:

Actual:
145 ft.

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOE'S PERFORMANCE TOWING INC. (Continued)

U001609550

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
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

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: 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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N67 **AM AND PM MINI MARKET**
West **440 HEARN AVE**
1/8-1/4 **SANTA ROSA, CA 95407**
0.249 mi.
1315 ft. **Site 6 of 11 in cluster N**

SLIC **S103659692**
SWEEPS UST **N/A**
CHMIRS

Relative:
Lower
Actual:
136 ft.

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 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

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:	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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM AND PM MINI MARKET (Continued)

S103659692

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM AND PM MINI MARKET (Continued)

S103659692

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
#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.

N68 A&M MINI MARKET - STOP N GO LIQUOR, LLC
West 440 HEARN AVE
1/8-1/4 SANTA ROSA, CA 95407
0.249 mi.
1315 ft. Site 7 of 11 in cluster N

UST U003783075
N/A

Relative: UST:
Lower Facility ID: 49-060-000015
Actual: Permitting Agency: SANTA ROSA, CITY OF
136 ft. 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

N69
West
1/8-1/4
0.249 mi.
1315 ft.

AM MINI MARKET DBA STOP N GO LIQUOR LLC
440 HEARN AVE
SANTA ROSA, CA 95407
Site 8 of 11 in cluster N

SWEEPS UST
CA FID UST
ENF
HAZNET

S101595269
N/A

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

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

Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
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

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:	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

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:	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

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

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):	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

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 Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	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

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

Effective Date: 02/14/2013
Adoption/Issuance Date: 02/14/2013
Achieve Date: Not reported
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
GEPaid: 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
GEPaid: 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 FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

N70
West
1/8-1/4
0.249 mi.
1315 ft.

A AND M MINI MARKET
440 HEAN AVE
SANTA ROSA, CA 95902

Site 9 of 11 in cluster N

HIST UST **U001616230**
N/A

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

[Click here for Geo Tracker PDF:](#)

N71
West
1/8-1/4
0.249 mi.
1315 ft.

AM/PM MINI MART
440 HEARN AVENUE
SANTA ROSA, CA 95407

Site 10 of 11 in cluster N

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

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
Action: Monitoring Report - Quarterly

Global Id: T0609700647
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Annually

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: 04/30/2008
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

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

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:	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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

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

Global Id: T0609700647
Action Type: RESPONSE
Date: 02/28/2011
Action: Correspondence

Global Id: T0609700647
Action Type: RESPONSE
Date: 12/02/2013
Action: Correspondence

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:	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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

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

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

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:	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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

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

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

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:	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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM/PM MINI MART (Continued)

S100236216

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

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

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: 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

LUST REG 1:

Region: 1
Facility ID: 1TSR150
Staff Initials: JAT

HIST CORTESE:

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

AM/PM MINI MART (Continued)

S100236216

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

N72
West
1/8-1/4
0.249 mi.
1315 ft.

BP WEST COAST PRODUCTS LLC
440 HEARN AVE
SANTA ROSA, CA 95407
Site 11 of 11 in cluster N

RCRA NonGen / NLR 1011488068
FINDS CAP000192062
HAZNET

Relative:
Lower
Actual:
136 ft.

RCRA NonGen / NLR:
Date form received by agency: 08/05/2008
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC (Continued)

1011488068

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/27/1990
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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS LLC (Continued)

1011488068

GEPaid: CAP000192062
Contact: LARRY MOOTHART
Telephone: 9494605200
Mailing Name: Not reported
Mailing Address: PO BOX 6038
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

73
North
1/4-1/2
0.263 mi.
1391 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-6449 (Continued)

S101309836

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-6449 (Continued)

S101309836

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

74
SW
1/4-1/2
0.267 mi.
1408 ft.

**BIDDULPH CHEVROLET
2770 CORBY AVE
SANTA ROSA, CA 95407**

**RCRA-SQG 1000193110
LUST CAD981571615
SWEEPS UST
HIST UST
CA FID UST
FINDS
ECHO
ENF
HIST CORTESE**

**Relative:
Lower**

**Actual:
132 ft.**

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

O75 **MANLY HONDA**
WSW **2750 CORBY**
1/4-1/2 **SANTA ROSA, CA 95407**
0.269 mi.
1420 ft. **Site 1 of 2 in cluster O**

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

O76
WSW
1/4-1/2
0.269 mi.
1420 ft.

MANLY HONDA
CORBY AVENUE 2750
SANTA ROSA, CA

LUST 1000293374
N/A

Site 2 of 2 in cluster O

Relative:
Lower
Actual:
133 ft.

LUST REG 1:
Region: 1
Facility ID: 1TSR270
Staff Initials: Closed

77
NNW
1/4-1/2
0.323 mi.
1704 ft.

STANDARD BRANDS PAINT #75
1993 SANTA ROSA AVENUE
SANTA ROSA, CA 95404

LUST S102438037
HIST CORTESE N/A

Relative:
Lower
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANDARD BRANDS PAINT #75 (Continued)

S102438037

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANDARD BRANDS PAINT #75 (Continued)

S102438037

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
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

78
SE
1/4-1/2
0.329 mi.
1738 ft.

**SUMMERHILL / KAUFMAN & BROAD
PETALUMA HILL & BURT
SANTA ROSA, CA 95404**

**SLIC S105051069
N/A**

Relative:
Lower
Actual:
140 ft.

SLIC:

Region: STATE
Facility Status: **Open - Inactive**
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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

79
West
1/4-1/2
0.339 mi.
1791 ft.

MEAD CLARK LUMBER SUPPLY
RAILROAD AVENUE 175
SANTA ROSA, CA

LUST S101305011
N/A

Relative: LUST REG 1:
Lower Region: 1
Actual: Facility ID: 1TSR016
133 ft. Staff Initials: JEF

P80
SW
1/4-1/2
0.345 mi.
1819 ft.

PRESTIG IMPORTS
2800 CORBY AVE
SANTA ROSA, CA 95407

Site 1 of 4 in cluster P

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

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:	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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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.

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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: UTNKA
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
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

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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: 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

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

Part. Matter 10 Micrometers and Smlr 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 Smlr 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 Smlr Tons/Yr:0

Year: 2009
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: 2010
County Code: 49
Air Basin: SF
Facility ID: 6470

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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 Smllr 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 Smllr 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
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
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MAP FINDINGS

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Database(s)

EDR ID Number
 EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIG IMPORTS (Continued)

1000279540

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
Reg Id: 1B1SR048NUG

P81
SW
1/4-1/2
0.351 mi.
1851 ft.

PRESTIGE ACURA
CORBY AVENUE 2840
SANTA ROSA, CA
Site 2 of 4 in cluster P

LUST **S102949318**
N/A

Relative:
Lower
Actual:
128 ft.

LUST REG 1:
Region: 1
Facility ID: 1TSR332
Staff Initials: Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

82
WSW
1/4-1/2
0.367 mi.
1938 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
Reg Id: 1TSR016

P83
SW
1/4-1/2
0.376 mi.
1984 ft.

ZUMWALT MAGRINI USED CARS
2820 CORBY
SANTA ROSA, CA 95407
Site 3 of 4 in cluster P

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZUMWALT MAGRINI USED CARS (Continued)

S103649315

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P84 **SANTA ROSA AMC-JEEP MAZDA**
SW **2820 CORBY AVE**
1/4-1/2 **SANTA ROSA, CA 95407**
0.376 mi.
1984 ft. **Site 4 of 4 in cluster P**

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
Owner Name: RI-JOYCE, INC.
Owner Address: 2820 CORBY AVE
Owner City,St,Zip: SANTA ROSA, CA 95407

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA AMC-JEEP MAZDA (Continued)

1000395383

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

85
West
1/4-1/2
0.387 mi.
2042 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

86
SW
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE ACURA (Continued)

S104574663

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

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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

Q87 **MOUNTAIN VIEW MOBILE HOME PARK**
SSW **2860 SANTA ROSA AVENUE**
1/4-1/2 **SANTA ROSA, CA 95404**
0.405 mi.
2140 ft. **Site 1 of 3 in cluster Q**

SLIC **S103393017**
N/A

Relative: SLIC REG 1:
Lower Region: 1
Actual: Facility ID: 1NSR345
128 ft. Staff Initials: JAT

Q88 **YAEGER & KIRK LUMBER HARD**
SSW **2875 SANTA ROSA**
1/4-1/2 **SANTA ROSA, CA 95407**
0.417 mi.
2204 ft. **Site 2 of 3 in cluster Q**

LUST **S100948682**
HIST CORTESE **N/A**

Relative: LUST:
Lower Lead Agency: NORTH COAST RWQCB (REGION 1)
Actual: Case Type: LUST Cleanup Site
127 ft. 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

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

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 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

Q89
SSW
1/4-1/2
0.421 mi.
2222 ft.

YAEGER & KIRK LUMBER HARDWARE
SANTA ROSA AVENUE 2875
SANTA ROSA, CA
Site 3 of 3 in cluster Q

LUST S104163226
N/A

Relative:
Lower
Actual:
127 ft.

LUST REG 1:
Region: 1
Facility ID: 1TSR033
Staff Initials: Closed

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

R90
North
1/4-1/2
0.437 mi.
2308 ft.

EMPIRE DIAGNOSTIC
COLGAN AVENUE 125
SANTA ROSA, CA
Site 1 of 2 in cluster R

LUST **S104163205**
N/A

Relative: LUST REG 1:
Lower Region: 1
Actual: Facility ID: 1TSR175
144 ft. Staff Initials: Closed

S91
NNW
1/4-1/2
0.440 mi.
2321 ft.

ARCO #1318
1745 SANTA ROSA AVENUE
SANTA ROSA, CA 95401
Site 1 of 4 in cluster S

LUST **S100467827**
ENF **N/A**
HIST CORTESE

Relative: LUST:
Lower Lead Agency: NORTH COAST RWQCB (REGION 1)
Actual: Case Type: LUST Cleanup Site
144 ft. 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-spargage 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Date: 03/15/2006
Action: Well Installation Report

Global Id: T0609700552
Action Type: RESPONSE
Date: 01/01/2013
Action: Correspondence

Global Id: T0609700552
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

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: RESPONSE
Date: 08/12/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700552
Action Type: RESPONSE
Date: 04/30/2008
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Date: 11/14/2005
Action: Other Workplan

Global Id: T0609700552
Action Type: RESPONSE
Date: 11/30/2004
Action: Soil and Water Investigation Report

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

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: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700552
Action Type: RESPONSE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700552
Action Type: RESPONSE
Date: 04/30/2011
Action: Monitoring Report - Semi-Annually

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

LUST:

Global Id:	T0609700552
Status:	Open - Case Begin Date
Status Date:	04/03/1987
Global Id:	T0609700552
Status:	Open - Site Assessment
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

Facility ID: 1TSR029
Staff Initials: JAT

ENF:

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

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):	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

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):	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO #1318 (Continued)

S100467827

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: 1TSR029

Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B91002NSON

**S92
NNW
1/4-1/2
0.440 mi.
2321 ft.**

**FORMER ARCO STATION
1745 SANAT ROSA AVE
SANTA ROSA, CA 93582**

**Notify 65 S100179509
N/A**

Site 2 of 4 in cluster S

**Relative:
Lower
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

**S93
NNW
1/4-1/2
0.440 mi.
2321 ft.**

**SALIM SARMAST
1745 SANTA ROSA AVE
SANTA ROSA, CA 95401**

**SWEEPS UST S101627204
CA FID UST N/A
Cortese**

Site 3 of 4 in cluster S

**Relative:
Lower
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
Content: REG UNLEADED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SALIM SARMAST (Continued)

S101627204

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
Regulated ID: 00026967

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SALIM SARMAST (Continued)

S101627204

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

T94
North
1/4-1/2
0.458 mi.
2416 ft.

EMPIRE SWIFT PLUMBING & HEAT
244 COLGAN AVENUE
SANTA ROSA, CA 95407
Site 1 of 2 in cluster T

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMPIRE SWIFT PLUMBING & HEAT (Continued)

S101304908

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

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

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
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

R95
North
1/4-1/2
0.463 mi.
2443 ft.

**SHELL (STEEL BEAR DELI)
1750 SANTA ROSA AVENUE
SANTA ROSA, CA 95404**

**LUST S105085041
N/A**

Site 2 of 2 in cluster R

**Relative:
Lower
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
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)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (STEEL BEAR DELI) (Continued)

S105085041

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (STEEL BEAR DELI) (Continued)

S105085041

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (STEEL BEAR DELI) (Continued)

S105085041

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
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

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: 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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (STEEL BEAR DELI) (Continued)

S105085041

Status: Completed - Case Closed
Status Date: 05/06/2014

U96
SSW
1/4-1/2
0.464 mi.
2448 ft.

FREEMAN TOYOTA
2875 CORBY AVE
SANTA ROSA, CA 95407
Site 1 of 4 in cluster U

RCRA-SQG 1000205913
LUST CAD981674831
AST
FINDS
ECHO
EMI
HAZNET
NPDES

Relative:
Lower

Actual:
125 ft.

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

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

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

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: 0.4667999999999999
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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

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 Smllr 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FREEMAN TOYOTA (Continued)

1000205913

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

U97 **FREEMAN TOYOTA**
SSW **2875 CORBY**
1/4-1/2 **SANTA ROSA, CA 93582**
0.464 mi.
2448 ft.

LUST **S100236179**
HIST CORTESE **N/A**
Notify 65

Site 2 of 4 in cluster U

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

S100236179

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FREEMAN TOYOTA (Continued)

S100236179

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
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

U98
SSW
1/4-1/2
0.473 mi.
2499 ft.

SMOTHERS EUROPEAN
2881 CORBY AVE
SANTA ROSA, CA 95407

Site 3 of 4 in cluster U

RCRA-SQG 1000820590
LUST CAD983666546
SWEEPS UST
CA FID UST
FINDS
ECHO

Relative:
Lower

Actual:
124 ft.

RCRA-SQG:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMOTHERS EUROPEAN (Continued)

1000820590

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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMOTHERS EUROPEAN (Continued)

1000820590

Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
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>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U99 SMOTHERS VOLVO
SSW 2881 CORBY AVE
1/4-1/2 SANTA ROSA, CA 95407
0.473 mi.
2499 ft. Site 4 of 4 in cluster U

LUST U001609579
HIST UST N/A
HIST CORTESE

Relative:
Lower

LUST:

Actual:
124 ft.

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

Global Id: T0609700697
Action Type: Other
Date: 09/20/1993
Action: Leak Stopped

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMOTHERS VOLVO (Continued)

U001609579

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: 0000066507
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
Year Installed: 1984
Tank Capacity: 00000400
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

SMOTHERS VOLVO (Continued)

U001609579

Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR250

T100
North
1/4-1/2
0.475 mi.
2507 ft.

EMPIRE DIAGNOSTIC
125 COLGAN AVENUE
SANTA ROSA, CA 95404

LUST **S100861397**
HIST CORTESE **N/A**

Site 2 of 2 in cluster T

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMPIRE DIAGNOSTIC (Continued)

S100861397

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

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

MAP FINDINGS

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

V101 SE 1/4-1/2 0.478 mi. 2522 ft.	MANCINI ESTATE/RUNDELL/HATTON 3373 PETALUMA HILL ROAD SANTA ROSA, CA 93582 Site 1 of 2 in cluster V	Notify 65	S100179521 N/A
Relative: Lower	NOTIFY 65: Date Reported: Not reported Staff Initials: Not reported Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Issue Date: Not reported Incident Description: Not reported		

V102 SE 1/4-1/2 0.481 mi. 2541 ft.	3375 PETALUMA HILL ROAD SANTA ROSA, CA 93582 Site 2 of 2 in cluster V	Notify 65	S100179436 N/A
Relative: Lower	NOTIFY 65: Date Reported: Not reported Staff Initials: Not reported Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Issue Date: Not reported Incident Description: Not reported		

S103 NNW 1/4-1/2 0.482 mi. 2545 ft.	CHEVRON #9-1168 1715 SANTA ROSA AVENUE SANTA ROSA, CA 95404 Site 4 of 4 in cluster S	LUST HIST CORTESE	S100236269 N/A
Relative: Lower	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 Site History: Not reported		
Actual: 145 ft.	LUST: Global Id: T0609700613 Contact Type: Regional Board Caseworker Contact Name: REGIONAL WATER BOARD SITE CLOSED Organization Name: NORTH COAST RWQCB (REGION 1)		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-1168 (Continued)

S100236269

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

Global Id: T0609700613
Action Type: ENFORCEMENT
Date: 06/06/2007
Action: Closure/No Further Action Letter

Global Id: T0609700613

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-1168 (Continued)

S100236269

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

Global Id: T0609700613
Status: Open - Site Assessment
Status Date: 09/18/1989

Global Id: T0609700613

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHEVRON #9-1168 (Continued)

S100236269

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

**104
 WNW
 1/4-1/2
 0.500 mi.
 2640 ft.**

**FOUCHE BROS
 2290 DUTTON AVENUE
 SANTA ROSA, CA 95401**

**ENVIROSTOR S108213818
 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
 Funding: Not reported
 Latitude: 38.41731
 Longitude: -122.7219
 APN: 043-041-001
 Past Use: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOUCHE BROS (Continued)

S108213818

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

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
Longitude: -122.722892388885
Case Type: Cleanup Program Site
Case Worker: BML
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO366

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FOUCHE BROS (Continued)

S108213818

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:

105
North
1/2-1
0.580 mi.
3062 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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

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
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

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

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

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

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: 04/30/2005
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

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

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

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

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

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

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METAL ENGINEERING (Continued)

S101627289

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

106
SSW
1/2-1
0.585 mi.
3089 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE LINCOLN MERCURY (Continued)

1000388923

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
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

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: 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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE LINCOLN MERCURY (Continued)

1000388923

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
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

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: 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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE LINCOLN MERCURY (Continued)

1000388923

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRESTIGE LINCOLN MERCURY (Continued)

1000388923

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
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

W107
North
1/2-1
0.592 mi.
3126 ft.

BROMLEY PROPERTY
1500 SANTA ROSA
SANTA ROSA, CA 95402
Site 1 of 2 in cluster W

LUST S102949347
SLIC N/A
HIST CORTESE
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=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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROMLEY PROPERTY (Continued)

S102949347

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROMLEY PROPERTY (Continued)

S102949347

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
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

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: 08/27/2002
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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROMLEY PROPERTY (Continued)

S102949347

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
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

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: 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

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROMLEY PROPERTY (Continued)

S102949347

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
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

W108
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 W

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSCO TRANSMISSION (Continued)

U000067576

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSCO TRANSMISSION (Continued)

U000067576

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
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

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:	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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSCO TRANSMISSION (Continued)

U000067576

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
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

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: 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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRANSCO TRANSMISSION (Continued)

U000067576

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

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TRANSCO TRANSMISSION (Continued)

U000067576

Discharge Date: Not reported
 Issue Date: Not reported
 Incident Description: Not reported

109
SSW
1/2-1
0.643 mi.
3393 ft.

GOLDEN TECHNOLOGY SITE
3017 AND 3019 SANTA ROSA AVENUE
SANTA ROSA, CA 95407

RESPONSE
ENVIROSTOR
HIST Cal-Sites
DEED

S102008403
N/A

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
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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.

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: 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
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

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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.

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: 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.

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

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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

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: 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
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

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: 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

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

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: 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
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

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: 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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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 subsurface, 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

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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.

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

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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

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: 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
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

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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

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: 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
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

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: *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
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

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: 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

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

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: 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
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

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: 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 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

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: 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
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.

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

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GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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: 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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: 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

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: PPP
Activity Name: PUBLIC PARTICIPATION PLAN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN TECHNOLOGY SITE (Continued)

S102008403

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
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

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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X110 North 1/2-1 0.645 mi. 3407 ft.	RINO GAS 1410 SANTA ROSA AVENUE SANTA ROSA, CA 93582 Site 1 of 2 in cluster X	Notify 65	S100179621 N/A
Relative: Higher	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		

X111 North 1/2-1 0.645 mi. 3407 ft.	RINO GAS 1410 SANTA ROSA AVENUE SANTA ROSA, CA 93582 Site 2 of 2 in cluster X	Notify 65	S100179623 N/A
Relative: Higher	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		

Y112 NNW 1/2-1 0.772 mi. 4075 ft.	RESIDENCE 1267 CORBY AVE SANTA ROSA, CA 95407 Site 1 of 3 in cluster Y	Notify 65	S100453829 N/A
Relative: Higher	NOTIFY 65: Date Reported: 19920729 Staff Initials: crj 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.		

Y113 NNW 1/2-1 0.772 mi. 4075 ft.	RESIDENCE 1267 CORBY AVE SANTA ROSA, CA 95407 Site 2 of 3 in cluster Y	Notify 65	S100453866 N/A
Relative: Higher	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

RESIDENCE (Continued)

S100453866

Discharge Date: Not reported
 Issue Date: Not reported
 Incident Description: Not reported

**Y114
 NNW
 1/2-1
 0.772 mi.
 4075 ft.**

**RESIDENCE
 1267 CORBY AVE
 SANTA ROSA, CA 95407
 Site 3 of 3 in cluster Y**

**Notify 65 S100562408
 N/A**

**Relative:
 Higher
 Actual:
 148 ft.**

NOTIFY 65:
 Date Reported: 19920729
 Staff Initials: crj
 Board File Number: OTZ920002
 Facility Type: misc
 Discharge Date: Not reported
 Issue Date: Not reported
 Incident Description: Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.

**115
 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:
 Lower
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA PLATING WORKS (Continued)

S105754203

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
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

116
West
1/2-1
0.882 mi.
4656 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

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
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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MEADOWVIEW ELEMENTARY SCHOOL EXPANSION (Continued)

S109548372

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
 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

117
 WNW
 1/2-1
 0.890 mi.
 4698 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued)

S105086096

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
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).

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued)

S105086096

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued)

S105086096

Potential Description: Contaminants found, 30023-NO
Alias Name: NMA, SOIL
Alias Type: 125-431-023
Alias Name: APN
Alias Type: 204253
Alias Name: Project Code (Site Code)
Alias Type: 60001798
Alias Name: 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

118
NW
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:
Lower
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SANTA ROSA CIRCUITS (Continued)

1000395378

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
 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

119
West
1/2-1
0.954 mi.
5036 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOW VIEW EXPANSION, HEARN AVE. PARCELS (Continued)

S115779967

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:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEADOW VIEW EXPANSION, HEARN AVE. PARCELS (Continued)

S115779967

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:

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

120
North
1/2-1
0.960 mi.
5067 ft.

TORVICK INC
1015 SANTA ROSA AVE
SANTA ROSA, CA 95407

RCRA-SQG 1000432904
LUST CAD982012114
FINDS
ECHO
HAZNET
HIST CORTESE
Notify 65

Relative:
Higher

Actual:
156 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORVICK INC (Continued)

1000432904

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORVICK INC (Continued)

1000432904

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORVICK INC (Continued)

1000432904

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

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORVICK INC (Continued)

1000432904

[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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORVICK INC (Continued)

1000432904

Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

121
North
1/2-1
0.988 mi.
5217 ft.
Relative:
Higher
Actual:
158 ft.

DIBBLES AUTO CENTER LLC DBA DIBBLES COLLISION WORK
965 SANTA ROSA AVE
SANTA ROSA, CA 95404

RCRA-SQG 1000220394
LUST CAD981659527
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

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

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

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, TRICHTHLORETHYLENE, METHYLENE CHLORIDE,
1,1,1-TRICHTHLORETHANE, 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

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

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

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

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: 07/07/1989

Global Id: T0609700582
Status: Open - Site Assessment
Status Date: 07/27/1989

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

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

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

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

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, 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
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

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

Status: Active

FINDS:

Registry ID: 110055668219

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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: 6 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	S104857588	SCDOT/DPW SANTA ROSA AVE STMWTR DR	SANTA ROSA AVENUE	95404	SLIC
SANTA ROSA	S101316147	SANTA ROSA DPW SEWER-SANTA ROSA AV	SANTA ROSA AVENUE	95404	SLIC
SANTA ROSA	S101433003	SANTA ROSA CITY - SANTA ROSA AVENU	SANTA ROSA AVENUE	95404	SLIC
SANTA ROSA	S105181110	SIEMER'S NURSERY (FORMER)	TRACY AVE/WIDGEON COURT	0	SLIC

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: 04/06/2018
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: 04/06/2018
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: 04/06/2018
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: 02/06/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/30/2018
	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: 02/06/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/30/2018
	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: 05/22/2017	Source: Department of the Navy
Date Data Arrived at EDR: 06/13/2017	Telephone: 843-820-7326
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 02/09/2018
Number of Days to Update: 94	Next Scheduled EDR Contact: 05/28/2018
	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: 11/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/27/2017	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 74	Next Scheduled EDR Contact: 06/11/2018
	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: 11/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/27/2017	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 74	Next Scheduled EDR Contact: 06/11/2018
	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: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018

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: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018

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: 02/14/2018

Next Scheduled EDR Contact: 05/28/2018

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

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
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
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
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.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Quarterly

LUST REG 8: Leaking Underground Storage Tanks

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

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

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

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
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 10
Telephone: 206-553-2857
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA Region 8
Date Data Arrived at EDR: 01/23/2018	Telephone: 303-312-6271
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	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: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	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: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	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: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	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: 01/19/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	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: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

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: 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 03/21/2018
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 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: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	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: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	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	Source: EPA Region 8
Date Data Arrived at EDR: 01/23/2018	Telephone: 303-312-6137
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	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	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: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 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: 01/23/2018
Number of Days to Update: 134	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

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	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: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	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: 01/19/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	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

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: 01/31/2018
Number of Days to Update: 47	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/22/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/27/2018
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
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/21/2018
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.

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: 01/31/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 36

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/09/2018
Next Scheduled EDR Contact: 02/26/2018
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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
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: 02/02/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/19/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 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: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
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
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/05/2018
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
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

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

US CDL: Clandestine Drug Labs

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

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 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: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
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

CA FID UST: Facility Inventory Database

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

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

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

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 11/30/2017
Date Data Arrived at EDR: 12/01/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
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: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 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: 02/20/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Semi-Annually

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: 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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 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: 02/21/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/04/2018
	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.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/13/2018
Number of Days to Update: 62	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/11/2018
Number of Days to Update: 339	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/16/2018
Next Scheduled EDR Contact: 05/28/2018
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: 01/31/2018
Next Scheduled EDR Contact: 05/21/2018
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.

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: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
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: 05/07/2018
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: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/09/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/06/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/21/2018
	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

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: 01/19/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/21/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 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: 01/26/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/07/2018
	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.

Date of Government Version: 01/03/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/04/2018	Telephone: 202-343-9775
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 04/05/2018
Number of Days to Update: 99	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/14/2018
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: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2018
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
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/21/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
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
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/06/2018
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
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 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: 10/29/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 45

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/11/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/02/2018
Next Scheduled EDR Contact: 06/11/2018
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: 03/02/2018
Next Scheduled EDR Contact: 06/11/2018
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

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
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 28

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 02/23/2018
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
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 03/02/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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: 02/21/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/04/2018
	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

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: 02/08/2018	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 02/08/2018	Telephone: 916-323-3400
Date Made Active in Reports: 02/08/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 0	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 12/01/2017	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 02/02/2018	Telephone: 916-327-4498
Date Made Active in Reports: 03/16/2018	Last EDR Contact: 02/28/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015	Source: California Air Resources Board
Date Data Arrived at EDR: 03/21/2017	Telephone: 916-322-2990
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 03/23/2018
Number of Days to Update: 147	Next Scheduled EDR Contact: 07/02/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/24/2018	Telephone: 916-445-9379
Date Made Active in Reports: 03/19/2018	Last EDR Contact: 01/22/2018
Number of Days to Update: 54	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/22/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/24/2018	Telephone: 916-255-3628
Date Made Active in Reports: 03/20/2018	Last EDR Contact: 01/22/2018
Number of Days to Update: 55	Next Scheduled EDR Contact: 05/07/2018
	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	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 02/16/2018	Telephone: 916-341-6066
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 02/08/2018
Number of Days to Update: 46	Next Scheduled EDR Contact: 05/28/2018
	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	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2017	Telephone: 916-255-1136
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 04/12/2018
Number of Days to Update: 97	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 Envirositor.

Date of Government Version: 02/20/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/21/2018	Telephone: 877-786-9427
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 02/21/2018
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/04/2018
	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 [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/21/2018	Telephone: 916-323-3400
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 02/21/2018
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/04/2018
	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	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/09/2018	Telephone: 916-440-7145
Date Made Active in Reports: 02/06/2018	Last EDR Contact: 04/11/2018
Number of Days to Update: 28	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: 12/11/2017	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2017	Telephone: 916-322-1080
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 03/14/2018
Number of Days to Update: 31	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: 11/29/2017	Source: Department of Public Health
Date Data Arrived at EDR: 12/05/2017	Telephone: 916-558-1784
Date Made Active in Reports: 01/16/2018	Last EDR Contact: 03/06/2018
Number of Days to Update: 42	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: 02/14/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/14/2018	Telephone: 916-445-9379
Date Made Active in Reports: 03/15/2018	Last EDR Contact: 03/14/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/28/2018
	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.

Date of Government Version: 12/04/2017	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 12/05/2017	Telephone: 916-445-4038
Date Made Active in Reports: 01/16/2018	Last EDR Contact: 03/05/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 35

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: 12/14/2017
Date Data Arrived at EDR: 12/15/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 32

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: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 36

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: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
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

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
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive 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
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive 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.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 63

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:

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: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/14/2018
Next Scheduled EDR Contact: 05/21/2018
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: 11/20/2017
Date Data Arrived at EDR: 11/29/2017
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 51

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

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: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/04/2017
Date Data Arrived at EDR: 12/06/2017
Date Made Active in Reports: 12/27/2017
Number of Days to Update: 21

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/03/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/05/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/28/2018
Next Scheduled EDR Contact: 06/04/2018
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: 02/01/2018
Next Scheduled EDR Contact: 05/21/2018
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: 03/14/2018
Next Scheduled EDR Contact: 06/04/2018
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: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

LASSEN 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: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 10/09/2017
Number of Days to Update: 171

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: 01/17/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/14/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/02/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 12

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: 02/14/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

MONO COUNTY:

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: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 01/11/2018
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 20

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/20/2018
Next Scheduled EDR Contact: 06/04/2018
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: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
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: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
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: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

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: 02/05/2018
Next Scheduled EDR Contact: 05/21/2018
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: 02/05/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/07/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/08/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 50

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/15/2018
Next Scheduled EDR Contact: 06/18/2018
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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/18/2018
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 Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/19/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/18/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 64

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/15/2018
Next Scheduled EDR Contact: 05/21/2018
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: 05/21/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 12/04/2017
Date Data Arrived at EDR: 12/05/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 37

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/01/2018
Next Scheduled EDR Contact: 05/07/2018
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: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
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: 02/01/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

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: 04/02/2018
Next Scheduled EDR Contact: 05/21/2018
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: 12/20/2017
Date Data Arrived at EDR: 12/21/2017
Date Made Active in Reports: 02/01/2018
Number of Days to Update: 42

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: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 12/12/2017
Date Data Arrived at EDR: 12/14/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 28

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: 01/22/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/11/2018
Number of Days to Update: 78

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: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

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: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
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: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 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: 02/01/2018
Next Scheduled EDR Contact: 05/21/2018
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: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
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: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/14/2017
Date Data Arrived at EDR: 12/15/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 28

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
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: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/20/2017
Date Data Arrived at EDR: 12/21/2017
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 41

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: 01/04/2018
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 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: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
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: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

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: 02/01/2018
Next Scheduled EDR Contact: 05/21/2018
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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa program facilities

Date of Government Version: 09/27/2017
Date Data Arrived at EDR: 09/28/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 18

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 03/06/2018
Next Scheduled EDR Contact: 05/21/2018
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: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 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: 02/08/2018
Next Scheduled EDR Contact: 05/28/2018
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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Health Division
Date Data Arrived at EDR: 03/14/2018	Telephone: 805-654-2813
Date Made Active in Reports: 03/30/2018	Last EDR Contact: 03/14/2018
Number of Days to Update: 16	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: 01/02/2018	Source: Yolo County Department of Health
Date Data Arrived at EDR: 01/09/2018	Telephone: 530-666-8646
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 03/29/2018
Number of Days to Update: 10	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	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 02/02/2018	Telephone: 530-749-7523
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 01/29/2018
Number of Days to Update: 47	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

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: 02/14/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/28/2018
	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: 04/10/2018
Number of Days to Update: 107	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/09/2018
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/12/2018
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
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/08/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX D

HISTORICAL SOURCES



Legend

Approximate Property Boundary 

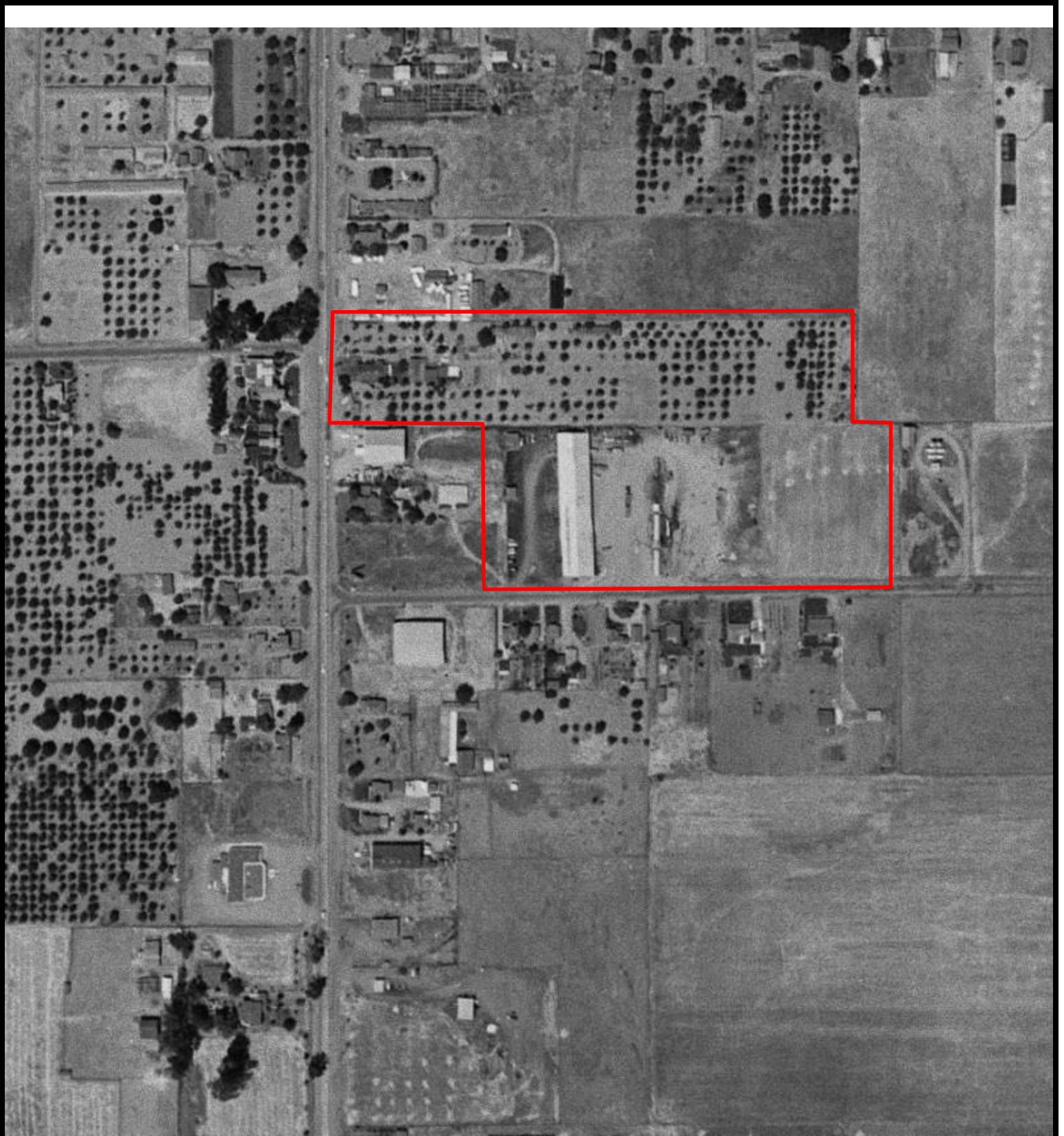


AERIAL PHOTOGRAPH - 1942

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1952

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1968

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1973

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1982

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1985

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1993

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 2005

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 2006

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 2009

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 2010

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 2012

325 Yolanda Avenue and 2532 Santa Rosa Avenue, Santa Rosa, CA 95407

Project Number: 387046

AEI
Consultants

387046

325 Yolanda Avenue and 2532 Santa Rosa Avenue
Santa Rosa, CA 95404

Inquiry Number: 5260394.5
April 17, 2018

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1930 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2014	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2006	AT & T Yellow Pages	X	X	X	-
1994	Pacific Bell	X	X	X	-
1990	R. L. Polk Co. Publishers	X	X	X	-
1987	R. L. Polk Co. Publishers	X	X	X	-
1981	The Pacific Telephone and Telegraph Company	X	X	X	-
1976	R. L. Polk Co. Publishers	X	X	X	-
1970	R. L. Polk Co. Publishers	-	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1965	R. L. Polk Co. Publishers	-	X	X	-
1961	R. L. Polk Co., Publishers	-	X	X	-
1958	R. L. Polk Co., Publishers	-	X	X	-
1953	R. L. Polk Co., Publishers	-	-	-	-
1947	R. L. Polk Co., Publishers	-	-	-	-
1935	R. L. Polk Co., Publishers	-	-	-	-
1930	R. L. Polk Co., of California Publishers	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

325 Yolanda Avenue and 2532 Santa Rosa Avenue
Santa Rosa, CA 95404

FINDINGS DETAIL

Target Property research detail.

Yolanda Ave

325 Yolanda Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	HULSMAN TRANSPORTATION CO INC	EDR Digital Archive
2010	HULSMAN TRANSPORTATION CO INC	EDR Digital Archive
	SR CHAIN ENVIRONMENTAL SERV	EDR Digital Archive

YOLANDA AVE

325 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Hulsman Transportation Co	AT & T Yellow Pages
	Matheson Fast Freight	AT & T Yellow Pages
1994	FREIGHT	Pacific Bell
	HULSMAN	Pacific Bell
	MAJOR DIESEL	Pacific Bell
	MATHESON FAST	Pacific Bell
	RBC CONSTRUCTION CO	Pacific Bell
	TRANSPORTATION CO	Pacific Bell
1990	Autokraft	R. L. Polk Co. Publishers
	Hulsman Transportation Co trucking	R. L. Polk Co. Publishers
	Major Diesel	R. L. Polk Co. Publishers
	P I E Nationwide trucking	R. L. Polk Co. Publishers
1987	Hulsman Transportation Co trucking	R. L. Polk Co. Publishers
	Major Diesel	R. L. Polk Co. Publishers
	P I E Nationwide trucking	R. L. Polk Co. Publishers
1981	Clapham Construction	The Pacific Telephone and Telegraph Company
	From Petaluma Telephones Call.....	The Pacific Telephone and Telegraph Company
	HULSMAN TRANSPORTATION CO	The Pacific Telephone and Telegraph Company
	If No Answer Call.....	The Pacific Telephone and Telegraph Company

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	OPERATED EQUIPMENT	The Pacific Telephone and Telegraph Company
	P I E Pacific Intermountain Express	The Pacific Telephone and Telegraph Company
	Res	The Pacific Telephone and Telegraph Company
1976	Hulsman Transportation Co trucking	R. L. Polk Co. Publishers
	Martin Charles	R. L. Polk Co. Publishers

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

COACHMAN LN

2303 COACHMAN LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	Sherman Gerald H	Pacific Bell
1990	Sherman Gerald H	R. L. Polk Co. Publishers
1987	Sherman Gerald H	R. L. Polk Co. Publishers
1981	Sherman Gerald H	The Pacific Telephone and Telegraph Company
1976	Sherman Gerald H	R. L. Polk Co. Publishers
1970	Sherman Gerald H	R. L. Polk Co. Publishers

2305 COACHMAN LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	Carroll John M	Pacific Bell
1990	Carroll John	R. L. Polk Co. Publishers
1987	Carrol John	R. L. Polk Co. Publishers
1981	Carroll John M	The Pacific Telephone and Telegraph Company
	Carroll John T	The Pacific Telephone and Telegraph Company
1976	Carroll John	R. L. Polk Co. Publishers
1970	Bridge C Jack	R. L. Polk Co. Publishers

2307 COACHMAN LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Anderson Rose	R. L. Polk Co. Publishers
1987	Anderson Rose	R. L. Polk Co. Publishers
1976	Sira Toby	R. L. Polk Co. Publishers
1970	Collins V	R. L. Polk Co. Publishers

2309 COACHMAN LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Butterfield Sophia Mrs	R. L. Polk Co. Publishers
1987	Butterfield Sophia Mrs	R. L. Polk Co. Publishers
1981	Butterfield Chas E	The Pacific Telephone and Telegraph Company

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Butterfield Sophia Mrs	R. L. Polk Co. Publishers
1970	Foster Clarence	R. L. Polk Co. Publishers

2311 COACHMAN LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	Hopkins S W	Pacific Bell
1990	Hopkins Robt	R. L. Polk Co. Publishers
1987	Hopkins Robt	R. L. Polk Co. Publishers
1976	Swingler Florence E Mrs	R. L. Polk Co. Publishers
1970	Carpenter J	R. L. Polk Co. Publishers

2313 COACHMAN LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Young Charles	R. L. Polk Co. Publishers
1987	Grauer Joan	R. L. Polk Co. Publishers
1981	Jones Clarence D	The Pacific Telephone and Telegraph Company
1976	Jones Clarence D	R. L. Polk Co. Publishers
1970	Jones Clarence D	R. L. Polk Co. Publishers

2315 COACHMAN LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Casebolt Phillip	R. L. Polk Co. Publishers
1987	Commings Robert J	R. L. Polk Co. Publishers
1976	Gabriel Gus	R. L. Polk Co. Publishers
1970	Harbert Everett W	R. L. Polk Co. Publishers

2317 COACHMAN LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Edward W	AT & T Yellow Pages
	POWELLArlene	AT & T Yellow Pages
1990	Powell Edw Jr	R. L. Polk Co. Publishers
1987	Powell Edw Jr	R. L. Polk Co. Publishers
1981	Powell Edward S	The Pacific Telephone and Telegraph Company
1976	Powell Edw	R. L. Polk Co. Publishers
1970	Jones Hannah Mrs	R. L. Polk Co. Publishers

FINDINGS

Santa Rosa Ave

2612 Santa Rosa Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	HINKOS AUTO PERFORMANCE	EDR Digital Archive
	SOUNDWAVE AUDIO INC	EDR Digital Archive
	CARTRONICS OF MARIN	EDR Digital Archive
2010	SOUNDWAVE AUDIO INC	EDR Digital Archive
	HINKOS AUTO PERFORMANCE	EDR Digital Archive

SANTA ROSA AVE

2612 SANTA ROSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	NORTH BAY HONDA	Pacific Bell
1981	Manly W K Sr	The Pacific Telephone and Telegraph Company
	HONDA OF SANTA ROSA	The Pacific Telephone and Telegraph Company
	Automobile Service Sales & Parts.....	The Pacific Telephone and Telegraph Company
	Motorcycle Service Sales & Parts	The Pacific Telephone and Telegraph Company
	Manly Honda Of Santa Rosa	The Pacific Telephone and Telegraph Company
1965	Carson Duane signs	R. L. Polk Co. Publishers
1961	Pisenti Bros used cars	R. L. Polk Co., Publishers
1958	Pisenti Bros used cars	R. L. Polk Co., Publishers

2616 SANTA ROSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	SUN TINT	Pacific Bell
1965	Santa Rosa Marine dirs & repr	R. L. Polk Co. Publishers
1961	Caribbean Gourmet restr	R. L. Polk Co., Publishers

Santa Rosa Ave

2620 Santa Rosa Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	QUALITY MOTORS LLC	EDR Digital Archive
2010	QUALITY MOTORS LLC	EDR Digital Archive

FINDINGS

SANTA ROSA AVE

2620 SANTA ROSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	Kempf Joseph	Pacific Bell
1965	White Albert L	R. L. Polk Co. Publishers
	Whites Tamale	R. L. Polk Co. Publishers
1961	Williams Constance Mrs	R. L. Polk Co., Publishers
1958	Whites Tamale Factory	R. L. Polk Co., Publishers
	White Albert L	R. L. Polk Co., Publishers

Santa Rosa Ave

2626 Santa Rosa Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	WEISINGER JOEY	EDR Digital Archive

SANTA ROSA AVE

2626 SANTA ROSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	REPAIR	Pacific Bell
	SANTA ROSA AUTO	Pacific Bell
	UPHOLSTERY	Pacific Bell
	NOLEN AUTOMOTIVE	Pacific Bell

2628 SANTA ROSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Vacant	R. L. Polk Co. Publishers
1961	Arneson Clarence	R. L. Polk Co., Publishers
1958	Arneson Clarence	R. L. Polk Co., Publishers

2636 SANTA ROSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Broderick Wm	R. L. Polk Co. Publishers
1961	Zumwalt Delbert W	R. L. Polk Co., Publishers
1958	Zumwalt Delbert W	R. L. Polk Co., Publishers

2640 SANTA ROSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	MALM METAL PRODUCTS	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	MAUM METAL PRODUCTS INC	The Pacific Telephone and Telegraph Company
	Maim Robt K	The Pacific Telephone and Telegraph Company
1965	Malm Mtl Products Inc	R. L. Polk Co. Publishers
	Malm & Wilson mech eng	R. L. Polk Co. Publishers
1961	Malm Mtl Products Inc	R. L. Polk Co., Publishers
1958	Malm Mtl Products Inc	R. L. Polk Co., Publishers

Santa Rosa Ave

2642 Santa Rosa Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	D C T INC	EDR Digital Archive
	DARDI FOOD SERVICE INC	EDR Digital Archive
2010	D C T INC	EDR Digital Archive

SANTA ROSA AVE

2642 SANTA ROSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	CAR CITY	Pacific Bell
1981	Downtown	The Pacific Telephone and Telegraph Company
	BUDGET RENT A CAR	The Pacific Telephone and Telegraph Company
	Airport Sonoma County Airport	The Pacific Telephone and Telegraph Company
	Budget Rent A Truck	The Pacific Telephone and Telegraph Company
1965	Davis Signal Serv gas sta	R. L. Polk Co. Publishers
	Signal Oil Co	R. L. Polk Co. Publishers
1961	Davis Signal Serv gas sta	R. L. Polk Co., Publishers
	Signal Oil Co	R. L. Polk Co., Publishers
1958	Signal Oil Co	R. L. Polk Co., Publishers

Santa Rosa Ave

2648 Santa Rosa Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	7-ELEVEN INC	EDR Digital Archive
	METROPCS WIRELESS INC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	METROPCS INC	EDR Digital Archive
	7-ELEVEN INC	EDR Digital Archive

SANTA ROSA AVE

2658 SANTA ROSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	Northern Redwood Transportation Co	The Pacific Telephone and Telegraph Company
1965	Hulsman Transportation Co	R. L. Polk Co. Publishers
1958	Hulsman Transportation Co	R. L. Polk Co., Publishers

SQUIRE

2307 SQUIRE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MOORE David	AT & T Yellow Pages

2314 SQUIRE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Paul A	AT & T Yellow Pages
	Paul A	AT & T Yellow Pages
	Paul A	AT & T Yellow Pages
	Paul A	AT & T Yellow Pages
	Paul A	AT & T Yellow Pages
	Paul A	AT & T Yellow Pages
	Paul A	AT & T Yellow Pages

SSQUIRE LN

2306 SSQUIRE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	Gama Louis	The Pacific Telephone and Telegraph Company

YOLANDA

326 YOLANDA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Complete Equipment Repair & Maintenance	AT & T Yellow Pages

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Complete Equipment Repair & Maintenance	AT & T Yellow Pages

368 YOLANDA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Malnekoff Diane Ph D CEAP	AT & T Yellow Pages

YOLANDA AVE

201 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Fire Safety Supply Co	R. L. Polk Co. Publishers

202 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Jackson Art Design Group graphics	R. L. Polk Co. Publishers

203 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Diesel Fuel Injection Systems	R. L. Polk Co. Publishers

204 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Suzans Accounting Serv	R. L. Polk Co. Publishers

205 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Master Touch Custom Upholstery	R. L. Polk Co. Publishers

301 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Vacant	R. L. Polk Co. Publishers

302 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	CROMER CLARKLIFT	Pacific Bell
1990	Golden State Welding	R. L. Polk Co. Publishers
1987	Golden State Welding	R. L. Polk Co. Publishers
1981	GOLDEN STATE WELDING AND MANUFACTURING	The Pacific Telephone and Telegraph Company
1976	Martignoli Joseph A	R. L. Polk Co. Publishers
1970	Martignoli Joeeph A	R. L. Polk Co. Publishers

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	Martignoli Jos A	R. L. Polk Co., Publishers
1958	Martignoli Jos A	R. L. Polk Co., Publishers

303 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Santa Rosa Crating Co	R. L. Polk Co. Publishers

305 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Westate Packaging	R. L. Polk Co. Publishers

316 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Calderon Phillip H	R. L. Polk Co. Publishers
1987	Calderon Phillip H	R. L. Polk Co. Publishers
1981	Calderon Phillip	The Pacific Telephone and Telegraph Company
1976	Calderon Phil Bip H	R. L. Polk Co. Publishers
1970	Caldemon Phil Up	R. L. Polk Co. Publishers
1965	C 4er T	R. L. Polk Co. Publishers
1961	Calderon Phillipi	R. L. Polk Co., Publishers
1958	Calderon Phillipi	R. L. Polk Co., Publishers

Yolanda Ave

324 Yolanda Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FIERCE CHEER ELITE	EDR Digital Archive
	MERZ ENTERPRISES	EDR Digital Archive
	COORDINATED PRJ INSTALLATIONS	EDR Digital Archive
2010	MERZ ENTERPRISES	EDR Digital Archive
	SHADOW TACTICAL	EDR Digital Archive

YOLANDA AVE

324 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Merz Enterprises	AT & T Yellow Pages
1994	THERMATEC R & D	Pacific Bell
	B BLUE OX MANUFACTURING Building	Pacific Bell
		Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Thermatec R & D blue ox mfg	R. L. Polk Co. Publishers
1987	Vari Cool air condit sys & sup	R. L. Polk Co. Publishers
1976	Vacant	R. L. Polk Co. Publishers
1970	Porras Felix P	R. L. Polk Co. Publishers
1965	a Brinegar Btaer M	R. L. Polk Co. Publishers
	Flem Ing Auth WMa r	R. L. Polk Co. Publishers
1961	Koenig Eleanor M	R. L. Polk Co., Publishers
1958	Hodges Gorman B geni contr	R. L. Polk Co., Publishers

Yolanda Ave

326 Yolanda Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SRT COLLISION WORKS	EDR Digital Archive
2010	COMPLETE COLLISION CENTER LLC	EDR Digital Archive

YOLANDA AVE

326 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Complete Collision Center	AT & T Yellow Pages
1994	NORTH BAY AUTO BODY	Pacific Bell
1990	North Bay Auto Body	R. L. Polk Co. Publishers
1987	North Bay Auto Body auto body repr	R. L. Polk Co. Publishers

Yolanda Ave

328 Yolanda Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	COORDINATED PRJ INSTALLATIONS	EDR Digital Archive

YOLANDA AVE

328 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Coordinated Project Installations Inc	AT & T Yellow Pages
	Coopersmith Ken	AT & T Yellow Pages
1994	GLASS WORKS THE	Pacific Bell

FINDINGS

Yolanda Ave

330 Yolanda Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	NORTH BAY PRESSURE WASHING	EDR Digital Archive

YOLANDA AVE

330 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	WHOLESALE	Pacific Bell
	PACIFIC AUTO	Pacific Bell
1976	Vacant	R. L. Polk Co. Publishers
1970	Zumault Dale	R. L. Polk Co. Publishers
1965	Kabalewal Herman	R. L. Polk Co. Publishers
1961	Thomas John H	R. L. Polk Co., Publishers
1958	Thomas John	R. L. Polk Co., Publishers

340 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	SONOMA COUNTY	Pacific Bell
	CATERING	Pacific Bell
	CATERING	Pacific Bell
	SONOMA COUNTY	Pacific Bell
1990	Karuza Plumbing	R. L. Polk Co. Publishers
1987	Karuza Plumbing	R. L. Polk Co. Publishers

Yolanda Ave

358 Yolanda Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	HOUSE CRTV ENDV GRND MAINTNCE	EDR Digital Archive
	MAGIC MOTORS	EDR Digital Archive
2010	BRIA RECREATION	EDR Digital Archive
	HOUSE CRTV ENDV GRND MAINTNCE	EDR Digital Archive

YOLANDA AVE

358 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	GOLDEN EAR SERVICE	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	CENTER	Pacific Bell
1990	Progressive Photography	R. L. Polk Co. Publishers
1987	Grounds Maintenance Supply Co Hals Creative Endeavors	R. L. Polk Co. Publishers R. L. Polk Co. Publishers
1976	Hansel Dennis	R. L. Polk Co. Publishers
1965	Cavallero John B	R. L. Polk Co. Publishers
1961	Cavallero John B	R. L. Polk Co., Publishers
1958	Cavallero John B	R. L. Polk Co., Publishers

366 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Vacant	R. L. Polk Co. Publishers
1961	Frohman Wm A	R. L. Polk Co., Publishers
1958	Frohman Wm A	R. L. Polk Co., Publishers

Yolanda Ave

368 Yolanda Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MALM FIREPLACE CENTER INC MALM FIREPLACES INC	EDR Digital Archive EDR Digital Archive
2010	MALM FIREPLACES INC MALM FIREPLACE CENTER INC	EDR Digital Archive EDR Digital Archive

YOLANDA AVE

368 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Malm Fireplaces Inc mfg	AT & T Yellow Pages
1994	MALM FIREPLACE CENTER FIREFORM PORCELAIN	Pacific Bell Pacific Bell
1990	Malm Fireplaces Inc Malm Fireplace Center sls b Bills Auto Parts Stephens Automotive car repair	R. L. Polk Co. Publishers R. L. Polk Co. Publishers R. L. Polk Co. Publishers R. L. Polk Co. Publishers
1987	b Bills Auto Parts Stephens Automotive car repair Malm Fireplaces Inc	R. L. Polk Co. Publishers R. L. Polk Co. Publishers R. L. Polk Co. Publishers
1976	Malm Fireplaces Inc metal fireplaces	R. L. Polk Co. Publishers
1970	Malm Fireplaces Inc	R. L. Polk Co. Publishers

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Malm Mtl Products Fireplace div	R. L. Polk Co. Publishers

371 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Modern Tree Experts	R. L. Polk Co. Publishers
1961	Modern Tree Experts	R. L. Polk Co., Publishers
1958	Modern Tree Experts	R. L. Polk Co., Publishers

372 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	Asti Sam	Pacific Bell
1990	Asti Sami A	R. L. Polk Co. Publishers
1987	Asti Sami A	R. L. Polk Co. Publishers
1981	Asti Sam	The Pacific Telephone and Telegraph Company
1976	Asti Sami A	R. L. Polk Co. Publishers
1970	Asti Sami A	R. L. Polk Co. Publishers
1965	Asti Sami A	R. L. Polk Co. Publishers
1961	Asti Saml A	R. L. Polk Co., Publishers
1958	Asti Sami A	R. L. Polk Co., Publishers

376 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1994	Berger George C	Pacific Bell
1990	Berger Geo C	R. L. Polk Co. Publishers
1987	Berger Geo C	R. L. Polk Co. Publishers
1981	Berger George C	The Pacific Telephone and Telegraph Company
1976	Berger Geo	R. L. Polk Co. Publishers
1970	Dantzier Lemuel	R. L. Polk Co. Publishers
1965	Richardson Sue Mrs	R. L. Polk Co. Publishers
1961	Carlson Fred	R. L. Polk Co., Publishers

380 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Danieli Ed	R. L. Polk Co. Publishers
1987	Danieli Ed	R. L. Polk Co. Publishers
1976	Porter Kenneth	R. L. Polk Co. Publishers
1970	Miller Emery F	R. L. Polk Co. Publishers
1965	Henderson Roberta Mrs	R. L. Polk Co. Publishers
1961	Rattaro Emilio	R. L. Polk Co., Publishers

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Rattaro Emilio	R. L. Polk Co., Publishers

385 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Hansel Denni S	R. L. Polk Co. Publishers
	Saraiba Mario	R. L. Polk Co. Publishers

386 YOLANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	Danieli Bros Mfg Inc	The Pacific Telephone and Telegraph Company

Yolanda Ave

400 Yolanda Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PLUMMER CLARK	EDR Digital Archive
	JIM STUART MOBILE WELDING	EDR Digital Archive
	AUTOKRAFT	EDR Digital Archive
	JOHANNESSEN CHRISTOPHER JOHN	EDR Digital Archive
	WALTS CUSTOM SERVICES	EDR Digital Archive
2010	WALTS CUSTOM SERVICES	EDR Digital Archive
	AUTOKRAFT	EDR Digital Archive
	PLUMMER CLARK	EDR Digital Archive

404 Yolanda Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	GALVIN PRECISION MACHINING INC	EDR Digital Archive
2010	GALVIN PRECISION MACHINING INC	EDR Digital Archive
	MGT CONSTRUCTION	EDR Digital Archive

455 Yolanda Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	REDWOOD TRANSPORTATION LLC	EDR Digital Archive
2010	REDWOOD COAST PETROLEUM INC	EDR Digital Archive

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

325 Yolanda Avenue and 2532
Santa Rosa Avenue

Address Not Identified in Research Source

1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

201 YOLANDA AVE

Address Not Identified in Research Source

2014, 2010, 2006, 1994, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947,
1935, 1930

202 YOLANDA AVE

2014, 2010, 2006, 1994, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947,
1935, 1930

203 YOLANDA AVE

2014, 2010, 2006, 1994, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947,
1935, 1930

204 YOLANDA AVE

2014, 2010, 2006, 1994, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947,
1935, 1930

205 YOLANDA AVE

2014, 2010, 2006, 1994, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947,
1935, 1930

2303 COACHMAN LN

2014, 2010, 2006, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2305 COACHMAN LN

2014, 2010, 2006, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2306 SSQUIRE LN

2014, 2010, 2006, 1994, 1990, 1987, 1976, 1970, 1965, 1961, 1958, 1953, 1947,
1935, 1930

2307 COACHMAN LN

2014, 2010, 2006, 1994, 1981, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2307 SQUIRE

2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947,
1935, 1930

2309 COACHMAN LN

2014, 2010, 2006, 1994, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2311 COACHMAN LN

2014, 2010, 2006, 1981, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2313 COACHMAN LN

2014, 2010, 2006, 1994, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2314 SQUIRE

2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947,
1935, 1930

2315 COACHMAN LN

2014, 2010, 2006, 1994, 1981, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2317 COACHMAN LN

2014, 2010, 1994, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2612 SANTA ROSA AVE

2014, 2010, 2006, 1990, 1987, 1976, 1970, 1953, 1947, 1935, 1930

2612 Santa Rosa Ave

2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935,
1930

2616 SANTA ROSA AVE

2014, 2010, 2006, 1990, 1987, 1981, 1976, 1970, 1958, 1953, 1947, 1935, 1930

FINDINGS

Address Researched

2620 SANTA ROSA AVE

2620 Santa Rosa Ave

2626 Santa Rosa Ave

2626 SANTA ROSA AVE

2628 SANTA ROSA AVE

2636 SANTA ROSA AVE

2640 SANTA ROSA AVE

2642 SANTA ROSA AVE

2642 Santa Rosa Ave

2648 Santa Rosa Ave

2658 SANTA ROSA AVE

301 YOLANDA AVE

302 YOLANDA AVE

303 YOLANDA AVE

305 YOLANDA AVE

316 YOLANDA AVE

324 YOLANDA AVE

324 Yolanda Ave

326 YOLANDA

326 Yolanda Ave

326 YOLANDA AVE

328 Yolanda Ave

328 YOLANDA AVE

330 YOLANDA AVE

330 Yolanda Ave

340 YOLANDA AVE

358 YOLANDA AVE

Address Not Identified in Research Source

2014, 2010, 2006, 1990, 1987, 1981, 1976, 1970, 1953, 1947, 1935, 1930

2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1953, 1947, 1935, 1930

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2014, 2010, 2006, 1990, 1987, 1976, 1970, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1990, 1987, 1976, 1970, 1953, 1947, 1935, 1930

2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1994, 1990, 1987, 1976, 1970, 1961, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1994, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1965, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1994, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

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2014, 2010, 2006, 1994, 1953, 1947, 1935, 1930

2014, 2010, 1981, 1953, 1947, 1935, 1930

2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1990, 1987, 1981, 1953, 1947, 1935, 1930

2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1981, 1970, 1953, 1947, 1935, 1930

FINDINGS

Address Researched

358 Yolanda Ave

366 YOLANDA AVE

368 YOLANDA

368 YOLANDA AVE

368 Yolanda Ave

371 YOLANDA AVE

372 YOLANDA AVE

376 YOLANDA AVE

380 YOLANDA AVE

385 YOLANDA AVE

386 YOLANDA AVE

400 Yolanda Ave

404 Yolanda Ave

455 Yolanda Ave

Address Not Identified in Research Source

2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1965, 1953, 1947, 1935, 1930

2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 1981, 1961, 1958, 1953, 1947, 1935, 1930

2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1958, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1994, 1981, 1953, 1947, 1935, 1930


2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2014, 2010, 2006, 1994, 1990, 1987, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930



387046

325 Yolanda Avenue and 2532 Santa Rosa Avenue

Santa Rosa, CA 95404

Inquiry Number: 5260394.3

April 16, 2018

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

04/16/18

Site Name:

387046
325 Yolanda Avenue and 2532
Santa Rosa, CA 95404
EDR Inquiry # 5260394.3

Client Name:

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94597
Contact: Tony Chilese



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Certification # C8C0-41AF-8A6B
PO # 158358
Project 387046

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: C8C0-41AF-8A6B

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- University Publications of America
- EDR Private Collection

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APPENDIX E

REGULATORY AGENCY RECORDS

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,



Digitally signed by
Claudia Villacorta
Date: 2017.06.26
12:33:18 -07'00'

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



Digitally signed by Craig S. Hunt
Reason: I concur with NFA with an SGMP
Date: 2017.01.10 09:59:45 -08'00'

From: Jo Bentz



Digitally signed
by Jo Bentz

Date:
2017.01.10
09:51:23 -08'00'

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.

North Coast Regional Water Quality Control Board

January 24, 2017

Mr. James Hulsman
1914 232nd Place, NE
Sammamish, WA 98074
jhulsman1@frontier.com

Dear Mr. Hulsman:

Subject: Proposal for Requiring No Further Action

Site: Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa, CA;
Case No. 1TSR050

Regional Water Board staff determined that the underground storage tank cleanup site identified above meets the closure criteria of the State Water Resources Control Board's "Low-Threat Underground Storage Tank Case Closure Policy" (Policy). Note that case closure does not necessarily mean all contamination has been remediated, but rather that this agency would not require further work regarding the contamination.

Please generate and provide to this office the mailing list for the requisite public noticing and 60-day public comment period. The Policy requires notification of:

- 1) Municipal and county water districts, water replenishment districts, special act districts with groundwater management authority,
- 2) Agencies with authority to issue building permits for land affected by the petroleum release, and
- 3) All owners and occupants of the property impacted by the petroleum release (site), and the occupants of all parcels adjacent to and across Yolanda Avenue from the site.

After you provide a complete mailing list, we will issue the public notice. A copy of the public notice will be sent to you when issued.

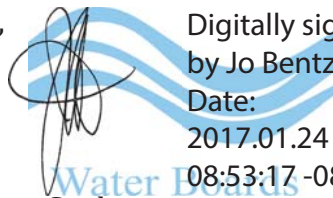
Before case closure can be completed, a soil and groundwater management plan to be used during future site re-development needs to be submitted for our review and concurrence. In addition, monitoring and remediation wells installed as part of the investigation of this site will need to be decommissioned in accordance with the California Department of Water Resources Well Standards (DWR Bulletins 74-81 and 74-90). Please submit to this office a brief workplan (e.g., letter plan) for the destruction of the wells. You will also need to obtain the proper permit from the Sonoma County Environmental Health Division. Do not proceed with the well decommissioning until the public notice period has ended and you receive concurrence with the workplan from Regional Water Board staff.

In summary, please submit the following to proceed with case closure:

- 1) A mailing list for public noticing, as requested above,
- 2) A soil and groundwater management plan, and
- 3) A monitoring and remediation well destruction workplan.

If you have any questions, please contact me at (707) 576-2838 or Jo.Bentz@waterboards.ca.gov.

Sincerely,



Digitally signed
by Jo Bentz
Date:
2017.01.24

Jo Bentz
Engineering Geologist

170124_JLB_er_Hulsman_Pre-closure

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, 4428 15th Place, Yuma, AZ 95364



STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

<u>REPORT DATE</u> 9/23/1982	<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u> N
---------------------------------	--

<u>I. REPORTED BY -</u> UNKNOWN	<u>CREATED BY</u> UNKNOWN
------------------------------------	------------------------------

III. SITE LOCATION

<u>FACILITY NAME</u> HULSMAN TRANSPORTATION COMPANY	<u>FACILITY ID</u>
<u>FACILITY ADDRESS</u> 325 YOLANDA AVENUE SANTA ROSA, CA 95404 SONOMA COUNTY	<u>ORIENTATION OF SITE TO STREET</u>
	<u>CROSS STREET</u>

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

GASOLINE

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGAN

<u>DATE DISCOVERED</u>	<u>HOW DISCOVERED</u>	<u>DESCRIPTION</u>
9/23/1982	Tank Closure	Tank Removal due to Impacted Water Supply Well
<u>DATE STOPPED</u>	<u>STOP METHOD</u>	<u>DESCRIPTION</u>
9/23/1982	Close and Remove Tank	Tank Removed.

VII. SOURCE/CAUSE

<u>SOURCE OF DISCHARGE</u> Tank	<u>CAUSE OF DISCHARGE</u> Corrosion
------------------------------------	--

DISCHARGE DESCRIPTION
Impact to soil and groundwater.

VIII. CASE TYPE

CASE TYPE
Aquifer used for drinking water supply
Soil
Well used for drinking water supply

IX. REMEDIAL ACTION

<u>REMEDIAL ACTION</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>DESCRIPTION</u>
Excavation	12/18/1991	12/18/1991	

X. GENERAL COMMENTS

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.

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLYLOCAL AGENCY CASE NUMBERREGIONAL BOARD CASE NUMBER

1TSR050

LOCAL AGENCYCONTACT NAMEINITIALSORGANIZATION NAMEEMAIL ADDRESS

LOCAL PERMIT WORKER SANTA ROSA

SANTA ROSA, CITY OF

ADDRESSCONTACT DESCRIPTION

625 5th Street

SANTA ROSA, CA 95404

PHONE TYPEPHONE NUMBEREXTENSION

FAX

(707)-524-5070

PHONE

(707)-543-3500

REGIONAL BOARDCONTACT NAMEINITIALSORGANIZATION NAMEEMAIL ADDRESS

REGIONAL WATER BOARD SITE CLOSED ZZZ

NORTH COAST RWQCB (REGION 1) craig.hunt@waterboards.ca.gov

ADDRESSCONTACT DESCRIPTION

5550 SKYLANE BOULEVARD, SUITE A

SANTA ROSA, CA 95403

PHONE TYPEPHONE NUMBEREXTENSION

MAIN PHONE

(707)-576-2220

MAIN FAX

(707)-523-0135

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STATE WATER RESOURCES CONTROL BOARD GEOTRACKER



HULSMAN TRANSPORTATION COMPANY (T0609700572) - [\(MAP\)](#)

[SIGN UP FOR EMAIL](#)

325 YOLANDA AVENUE
SANTA ROSA, CA 95404
SONOMA COUNTY
[LUST CLEANUP SITE \(INFO\)](#)
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
NORTH COAST RWQCB (REGION 1) ([LEAD](#)) - CASE #: 1TSR05
CASEWORKER: [REGIONAL WATER BOARD SITE CLOSE](#)
CUF Claim #:
CUF Priority Assigned:
CUF Amount Paid:

[Summary](#) [Case Reviews](#) [Cleanup Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#) [LUST CUF Data](#)

Regulatory Profile

[PRINTABLE CASE SUM](#)

CLEANUP STATUS - DEFINITIONS

COMPLETED - CASE CLOSED AS OF 6/26/2017 - [CLEANUP STATUS HISTORY](#)

POTENTIAL CONTAMINANTS OF CONCERN

GASOLINE

POTENTIAL MEDIA OF CONCERN

AQUIFER USED FOR DRINKING WATER SUPPLY, SOIL, WELL USED FOR DRINK WATER SUPPLY

FILE LOCATION

REGIONAL BOARD

USER DEFINED BENEFICIAL USE

GW - GROUNDWATER RECHARGE, SW - AGRICULTURAL MUN, AGR, IND, PROC, FRSH, CUL SUPPLY, SW - MUNICIPAL AND DOMESTIC SUPPLY

DESIGNATED BENEFICIAL USE(S) - DEFINITIONS

DWR GROUNDWATER SUB-BASIN NAME

Santa Rosa Valley - Santa Rosa Plain (1-055.01)

CALWATER WATERSHED NAME

Russian River - Middle Russian River - Laguna (114.21)

GROUNDWATER MONITORING FREQUENCY

OF WELLS MONITORED - SEMI-ANNUALLY : 5

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 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.

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From: Lowenthal, Paul
To: [Bentz, Jo@Waterboards](mailto:Bentz_Jo@Waterboards)
Cc: Cook, Andrew
Subject: RE: SGMP for Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa
Date: Monday, February 13, 2017 7:01:28 AM

Hi Jo,

What you've proposed sounds great and I'm good with it. We will be happy to ensure the SGMP is conditioned into their permit to build and we will hold them accountable for it.

Paul

Paul Lowenthal | Assistant Fire Marshal

Santa Rosa Fire Department | 2373 Circadian Way | Santa Rosa, CA 95407
Tel. (707) 543-3542 | Fax (707) 543-3520 | plowenthal@srcity.org



From: Bentz, Jo@Waterboards [mailto:Jo.Bentz@waterboards.ca.gov]
Sent: Thursday, February 09, 2017 4:14 PM
To: Lowenthal, Paul <PLowenthal@srcity.org>
Subject: SGMP for Hulsman Transportation, 325 Yolanda Avenue, Santa Rosa

Hi Paul-

I hope you are well, I haven't contacted you for a long time.

I am reviewing a SGMP for the Hulsman Transportation site in south Santa Rosa. The link to the SGMP on Geotracker is below-

http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7792692720/T0609700572.PDF

It is a typical UST site (2-diesel USTs and 1- gasoline UST removed). TPH-g and benzene in groundwater are the main COCs. My understanding is that the site is currently being sold and is likely to be re-developed into a big box commercial development in the future.

The RWB is in the process of closing this site because it meets criteria of the SWRCB's Low Threat Closure Policy for USTs. I requested submittal of a SGMP before closure because of the large size of the property, the former USTs, a long history of use of the site as truck repair and storage, and the likelihood of future re- development. Currently, the site is mostly vacant with one large warehouse and a few smaller structures.

I don't know if you want to review the SGMP or just have me review it and concur with it (after suggested revisions) and then make it part of the file record. During redevelopment, since it is in the city limits, the SRFD will likely be involved with the re-development.

The consultant who wrote the SGMP, EGS, is using SF Bay , RWCQB "Environmental Screening Levels" (ESLs) as soil "cleanup goals". Craig said he spoke to you about using ESLs, which for the purposes of soil screening during re-development, should be protective of human health and the environment. However, I know the SFRD may or could have additional requirements.

I am still reviewing the SGMP, and will be submitting email comments to EGS, the consultant, for revision. Please let me know if you would like to review it and submit comments also.

Thanks- Jo

Jo Bentz
North Coast Regional Water Quality Control Board
5550 Skylane Blvd., Suite A
Santa Rosa, CA 95403
Direct phone- (707) 576-2838
Jo.bentz@waterboards.ca.gov

From: [Bentz, Jo@Waterboards](mailto:Bentz_Jo@Waterboards)
To: [Lowenthal, Paul \(PLowenthal@srcity.org\)](mailto:Lowenthal_Paul@srcity.org); [Moon, Scott \(SMoon@srcity.org\)](mailto:SMoon@srcity.org)
Subject: SGMP for 325 Yolanda Avenue, Santa Rosa
Date: Tuesday, May 16, 2017 12:08:00 PM

Hello Paul and Scott-

Below is a link to a Soil and Groundwater Management Plan for the Hulsman Transportation site located at 325 Yolanda Avenue in Santa Rosa. The RWB is in the process of closing the UST case at this address. The property is currently being sold and commercial redevelopment is likely.

This is a large lot (5.5 acres) and has a long history of use for truck maintenance, repair and storage, in addition to the USTs. Therefore, as a condition of site closure, the RWB required submittal of a SGMP.

I just concurred with the SGMP and it has been uploaded to Geotracker at-

http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4525223016/T0609700572.PDF

I communicated with Paul before I started my reviews on the SGMP and he deferred to the Water Board for review and approval of the SGMP. The SGMP does indicate that the SRFD, and RWB, will require implementation of the plan during redevelopment. I informed the current property owners that SRFD may also require a soil/GW remediation permit before grading.

I wanted you to know about the completion of the SGMP if and when this project comes onto your radar.

Let me know if you have any questions or concerns-

Thanks- Jo

Jo Bentz
North Coast Regional Water Quality Control Board
5550 Skylane Blvd., Suite A
Santa Rosa, CA 95403
Direct phone- (707) 576-2838
Jo.bentz@waterboards.ca.gov



**ENVIRONMENTAL
GEOLOGY
SERVICES, INC.**
Consulting and Project Management
Santa Rosa, California

Est. 1989, A Veteran Owned Business
www.EGSconsultants.com

Office: 707-528-0810
Fax: 707-528-1956

REPORT:
**March 31 / April 1, 2015 Rebound Groundwater Monitoring
and Remediation System Status
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NC-RWQCB Case No. 1TSR050**

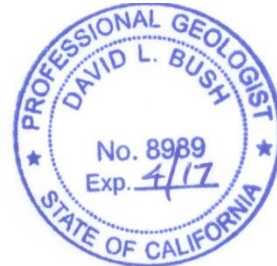
Prepared for:

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

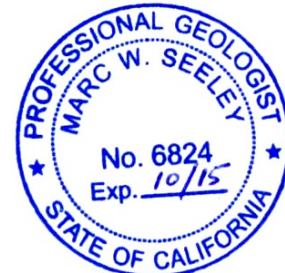
Prepared by:

**Environmental Geology Services, Inc.
1695 Willowside Road
Santa Rosa, CA 954010**

David L. Bush, PG 8989
Senior Project Geologist



Marc W. Seeley, PG 6824
Principal Geologist



May 6, 2015
Project #451.0711

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Findings. -7-

Conclusions. -8-

Remediation System Status. -9-

Recommendations. -9-

Limitations.. . . . -10-

- Attachments:
- Plate 1: Site Location Map
 - Plate 2: March 31 / April 1, 2015 Shallow Groundwater Gradient Map
 - Plate 3: TPH-G and BTEX Analytical Results
- Tables 1 through 3
 Historic Concentration Trend Charts 1 through 12
 Monitoring Well Sampling Data Sheet
 Analytical Laboratory and QA/QC Report dated April 14, 2015
 Analytical Laboratory and QA/QC Report dated April 14, 2015

Via State GeoTracker Database: Ms. Jan Goeble, NCRWQCB, 5550 Skylane Blvd., Ste. A,
 Santa Rosa, CA 95403

USTCF

Via E-mail: Mr. Jim Hulsman, jhulsman1@frontier.com
 Mr. Paul Hulsman, phulsman@yahoo.com

EXECUTIVE SUMMARY

This report has been prepared at the request of Mr. Jim Hulsman and Mr. Paul Hulsman, Hulsman Transportation (Client, RP), by Environmental Geology Services, Inc. (EGS), Santa Rosa, California, in continued accordance with our Professional Services Agreement (PSA) dated August 27, 2013.

EGS has prepared this report describing the sampling procedures and analytical results of the March 31 / April 1, 2015 Rebound Groundwater Monitoring event at the subject site located at 325 Yolanda Avenue, Santa Rosa, CA (North Coast Regional Water Quality Control Board, NC-RWQCB, Case No 1TSR050).

This monitoring event analyzed contaminants of concern including residual petroleum hydrocarbon related compounds after the air sparging remedial system at the site was turned off to determine if residual petroleum related contamination would rebound. The air sparging system was operated from May 2014 through mid-November 2014, and residual concentrations of petroleum hydrocarbon contaminants significantly reduced during groundwater monitoring while the system was in operation.

Based on the analytical results detected during this rebound event (after the system was off for approximately 4 months), elevated concentrations of residual gasoline (TPH-G), as well as lower concentrations of other associated compounds (BTEX), were present in shallow groundwater beneath the southern portion of the subject site (area of former UST) in wells MW-3s, B-15, B-16, B-17, and B-27. The concentrations were generally similar to those detected prior to operation of the air sparging system. There were no detections of TPH-G and BTEX monitoring wells MW-1s, MW-2s, and MW-4, and only a very minor detection of TPH-G in the deeper groundwater monitoring well MW-3d during this monitoring event, with no BTEX compounds detected in this well.

Based on the analytical results of groundwater samples collected from the related site monitoring wells, it appears that the residual gasoline contaminant plume had significantly diminished during to the operation of the air sparging system at the site, but have since rebounded after the system was turned off. It is our opinion that the system did not operate for a long enough time frame to more fully degrade the residual contaminant plume.

This monitoring event was *not* scheduled to coincide with the groundwater monitoring performed by Edd Clark & Associates (ECA) related to the UST Investigation at 2640 Santa Rosa Avenue (NC-RWQCB Case #1TSR256). We understand that the adjacent site has requested closure evaluation under the Low-Threat Closure Policy (LTCP), and “to conserve limited amount of money remaining in the site’s Cleanup Fund Claim, site work should be stopped until the site is evaluated for closure.”

Analytical results from the September 2014 coordinated monitoring effort continued to identify residual “hot spots” located in the area of B-27 for the subject site, and in the areas of DPE-1, EW-3, EW-6, and B-30 for the adjacent site. The highest detections of TPH-G during that monitoring event (as well as previous events) resulted in the adjacent site wells DPE-1 and B-30 at concentrations of 22,000 ppb and 10,000 ppb, respectively. Based on our review of analytical results related to the adjacent site, it appears that there remains elevated concentrations of gasoline related constituents in a number of monitoring wells associated with that site, but the impacted areas of that site *appear to be separate* from the impacted areas of the subject site indicating separate residual contaminant plumes that may be converging.

EGS concludes that the plumes are separate based on the concentrations over time in wells B-15 and B-16, and especially in B-16 where concentrations are significantly lower than the “hot spot” on the Hulsman site (B-27) *as well as* the “hot spots” on the adjacent site (DPE-1 and B-30). It appears that the residual contaminant plume associated with the Hulsman site diminishes near B-16 (approximately 100 feet *down gradient* from the area of the former UST at the subject site).

EGS has consulted with Ms. Jan Goeble, case worker with the NC-RWQCB, and has again reviewed the September 2014 USTCF 5-year review. At this time, EGS concludes that active remediation further addressing the secondary source (residual groundwater plume) may be further achieved by continued operation of the air sparging system. It is our opinion that the system was not operated for a long enough time frame to fully degrade the residual groundwater contamination at the site. However, based on the concentrations of residual contaminants remaining in groundwater, concentrations of benzene at this site are well below the 3,000 ppb criteria established in the State’s LTCP. It is our opinion that the residual contaminant plume at this site is no greater than 150 feet (distance from MW-3s to the adjacent site well DPE-1).

EGS recommends the North Coast Regional Water Quality Control Board again consider case closure for this site in accordance with the State’s Low-Threat Closure Policy (LTCP). If the NC-RWQCB does not concur with LTCP evaluation at this time, we ask that they provide the RP with a path to case closure so that we may better define the remaining site requirements, if any. Additional groundwater remediation, if determined necessary, should be limited to operation of the existing air sparge system, which was proving effective but did not operate for a long enough time frame.

The following sections of this report provide additional site background and describe the procedures and results of the March / April, 2015 rebound groundwater monitoring event and AOSS status.

BACKGROUND

The subject site is located in an area of Santa Rosa, CA that has mixed industrial, commercial, retail, and a few residences (Plate 1, Site Location Map). The property has historically been used as a truck terminal and repair facility since approximately 1940.

Investigation of soil and groundwater 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. There were also two (2) UST's, one 4,000-gallon and one 8,000-gallon containing diesel fuel removed from the site in October 1988.

However, subsequent investigation and monitoring addresses gasoline and related compounds including BTEX as the constituents of concern (CoCs) at this site.

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

Based on our review of the subject site, the following items document activities that been completed to characterize residual contamination at the site to date, and prior to the work completed by EGS:

- Herzog & Associates, *Report: Underground Tank Investigation*, February 27, 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.

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 portion of the subject site and beneath Yolanda Avenue.

The site had been infrequently monitored with regard to groundwater since the time of the

UST removal in 1982 through 2010. The NC-RWQCB directed active remediation at this site, and although a Corrective Action Plan (CAP) had been prepared by the previous consultant for Hulsman Transportation, the NC-RWQCB deemed that CAP incomplete and requested additional information prior to approval in their August 26, 2010 letter.

It appears that the shallow subsurface has been fairly well defined at this site to depths of 15 feet bgs. EGS did not locate a completed Sensitive Receptor Survey for this site, although a SRS has been completed at the adjacent to the southwest. The historical groundwater gradient appears to be in a southeast to southwest direction, although it varies significantly and can be to the north-northwest, with a hydraulic high point being located around monitoring well B-28 of the adjacent site (Plate 2, Shallow Groundwater Gradient Map).

EGS was retained by Hulsman Transportation in August 2011 to continue the UST Investigation in an effort to move this site toward case closure. Since that time we have completed four (4) groundwater monitoring events, located and repaired the buried monitoring well B-15, replaced the damaged Christy boxes for wells MW-4 and B-27, submitted UST Cleanup Fund reimbursement claims for the Client, and prepared and submitted the June 26, 2012 FSCAP for the site.

Additionally, EGS completed a Bench Scale Test to determine the approach best suited to remediate the residual contamination but to attempt to limit the production of adverse additional analytes by sparging. EGS concluded, based on the results of the Bench Scale Test (report dated April 23, 2013), that air sparging would be the best remedial approach at this site.

Hulsman Transportation authorized EGS to implement the FSCAP at the subject site, upon approval of our FSCAP and Bench Test report by the NC-RWQCB, in accordance with our August 27, 2013 PSA. Since that time, EGS installed ten (10) remedial sparge wells (December 2013), completed the Pilot Study (March 2013), completed the baseline groundwater monitoring event (March 2014), installed the AOSS and subsurface conduits and connected the wells to the system (April 2014), and started up and began operation of the AOSS in late April/early May 2014.

We completed the two Quarter monitoring events in June and September 2014 which resulted in significantly decreased concentrations of residual contamination at the site. Based on the initial, although short term results, of the AOSS operation, we requested rebound monitoring. The following sections of this report present the work conducted for the March 31 / April 1, 2015 Rebound Groundwater Monitoring Event, status of the remediation system, and our conclusions and recommendations for this site. This monitoring event included all associated monitoring wells at this site, and included additional compounds analyzed related to operation of a groundwater remediation system.

SCOPE OF WORK

The scope of work to implement the March 31 / April 1, 2015 Rebound Groundwater Monitoring Event consisted of the following:

- Project Management;
- March 31 / April 1, 2015 Rebound Groundwater Monitoring Event;
- Laboratory Analysis, including additional analytes;
- Waste Disposal;
- Geotracker Compliance;
- Preparation of report of findings including our conclusion and recommendations.

Details of these tasks are presented in the following sections of this report.

MARCH 31 / APRIL 1, 2015 REBOUND QUARTERLY GROUNDWATER MONITORING

Monitoring Well Sampling

Monitoring wells MW-1s, MW-2s, MW-3s, MW-3d, MW-4, B-15, B-16, B-17, and B-27 were monitored on March 31 / April 1, 2015. EGS' Geologist measured depth to static water level to determine the groundwater gradient, and the depth to the bottom of each well casing to calculate the minimum amount of water to be purged from each well (3 well volumes). Groundwater was purged from the wells using an electric purge pump at low flow (rate of approximately 1 gpm). Water quality parameters were measured including temperature, pH, DO, and TDS, and were recorded during low flow purging and documented on attached monitoring well sampling data sheets.

Groundwater samples were collected directly from the discharge point of the pump after water quality characteristics stabilized. Groundwater was decanted into laboratory supplied containers necessary for each EPA Test Method completed.

The groundwater samples were labeled, logged onto a chain of custody form, and placed in an ice chest containing frozen "blue ice" for transport to our State Certified analytical laboratory. Analytical testing methods for the groundwater samples are described in a following section of this report.

Groundwater Gradient

EGS determined a general southeast to southwest shallow groundwater gradient during this monitoring event (Plate 2).

Laboratory Analysis

Groundwater samples collected from the monitoring wells during this event were transported to our subcontracted State Certified analytical laboratory, Analytical Sciences, in Petaluma, California. The groundwater samples were analyzed for the following:

- TPH-G by EPA Test Method 8015B
- BTEX, oxygenates and other VOC's by EPA Test Method 8260B
- Selenium (Se) by EPA Test Method 200.9
- Chromium (Cr), Molybdenum (Mo), and Vanadium (V) by EPA Test Method 6010B
- Bromate (Br+) and Bromide (Br-) by EPA Test Method 300.1
- Hexavalent Chromium (Cr-6) by EPA Test Method 218.6

The Analytical Laboratory Report and QA/QC Reports dated April 14, 2015 are attached to this report.

The results of these analysis are summarized in the following sections of this report, on the attached TPH-G and total BTEX analytical results map for the shallow aquifer (Plate 3), in the attached Tables 1 through 4, and on the historic concentration trend Charts 1 through 12 attached to this report.

Purged Groundwater and Waste Disposal

Groundwater purged from the monitoring wells during the sampling activities were retained in 55-gallon covered steel drums. The drums were labeled as to the content and date, and stored onsite until disposal. EGS will submit documentation to the NC-RWQCB upon completion of proper hauling and disposal of these drums.

GEOTRACKER COMPLIANCE

Environmental Geology Services, Inc. has been designated as the Authorized Agent for this site, and has uploaded all data related to this UST Investigation to the State Geotracker database. EGS has reviewed site data related to this site on GeoTracker, and notes that historic data for this investigation has been uploaded to the system including X, Y, and Z files (Geo_X, Geo_Y, and Geo_Z), field point names for the monitoring wells, and Geo_Reports.

Data has been submitted to the State database associated with this Groundwater Monitoring including, well elevation data (Geo_Well), EDF File, and this report (Geo_Report). We will continue to include a section informing the NC-RWQCB of the Geotracker status in future reports related to this UST Investigation.

FINDINGS

The following presents a narrative of the results for the March/April 2015 Rebound Groundwater Monitoring, which is the monitoring event completed after November 2014 AOSS shut down and rebound period. Tables 1 through 4 attached to this report present the current and historical results of Groundwater Monitoring at this site.

▶ TPH-G

Total petroleum hydrocarbon as gasoline (TPH-G) was detected during this monitoring event in wells MW-3s, B-15, B-16, B-17 and B-27 at concentrations similar to those prior to AOSS operation as follows:

Monitoring well MW-3s had a detection of 6,600 ppb of TPH-G prior to system start-up in March 2014 and TPH-G was detected at a concentration of 6,300 ppb during this event. The concentration decreased to 230 ppb during the September 2014 event while the AOSS was in operation.

TPH-G decreased in monitoring well B-15 from 1,100 ppb in March 2014 to non detect in September 2014. The concentration rebounded to 4,300 ppb during this event (concentration lower than both "hot spots" located at the subject site and the adjacent site, indicative of separate plumes).

TPH-G increased slightly in well B-16 from 160 ppb in March 2014 (prior to AOSS operation) to 790 ppb in June 2014, then was not detected in September 2014. TPH-G was detected at a concentration of 1800 ppb in B-16 during this event (concentration lower than both "hot spots" located at the subject site and the adjacent site, indicative of separate plumes).

There was a decrease of TPH-G in B-17 from 2,300 ppb in March 2014 to 420 ppb toward the end of the AOSS operation in September 2014. The current concentration of TPH-G rebounded to 3,200 ppb in B-17.

Monitoring well B-27 also increased from 5,000 ppb in March 2014 to 6,000 ppb in June 2014 during AOSS operation. This well resulted in a concentration of TPH-G during this sampling event of 6,200 ppb.

The deeper groundwater monitoring well, MW-3d, resulted in a very low detection of TPH-G at a concentration of 200 ppb, and there were no detections of TPH-G in wells MW-1s, MW-2s, nor MW-4 during this monitoring event.

▶ BTEX

This monitoring event also resulted in detections of BTEX compounds that were generally similar to concentrations prior to the start up and short operation of the AOSS.

Concentrations of benzene were all significantly below the Low-Threat Closure Policy criteria of 3,000 ppb as follows, and as presented on the concentration trend charts attached to this report: MW-3s at a concentration of 220 ppb, B-15 at 540 ppb, B-16 at 130 ppb, B-17 at 66 ppb, and B-27 at 250 ppb. There were no detections of benzene in wells MW-1s, MW-2s, MW-4, or the deeper well MW-3d during this sampling event.

CONCLUSIONS

EGS has prepared this report describing the sampling procedures and analytical results of the March 31 / April 1, 2015 Rebound Groundwater Monitoring event at the subject site located at 325 Yolanda Avenue, Santa Rosa, CA (North Coast Regional Water Quality Control Board, NC-RWQCB, Case No 1TSR050). This event represented the first groundwater monitoring after the AOSS was turned off to determine if residual concentrations of petroleum hydrocarbon contaminants would rebound after the short, 6 month operation of the AOSS.

The results of groundwater samples collected from monitoring wells MW-3s, B-15, B-16, B-17, and B-27 indicated an overall similar result of residual contamination prior to AOSS start up. However, the concentrations remain lower when comparing the current groundwater concentrations to historic groundwater results since groundwater monitoring was initiated at this site.

Based on the criteria of the LTCP, the residual contaminant plume is less than 250 feet in length, and benzene concentrations are well below 3,000 ppb. Additionally, the residual contaminant plume has remained stable and decreasing at this site over time (refer to attached concentration trend charts). The USTCF issued their 5-year review in September 2014, and stated that their "assessment found that there is no significant risk of petroleum vapors adversely affecting human health."

Included in this report are Tables 1 through 4 that present historic groundwater analytical data. EGS also prepared the attached historic concentration trend charts (Charts 1 through 12) for TPH-G and benzene in selected wells. The charts include the LTCP goal for benzene, and demonstrate stable and downward trends over time for the residual contamination at this site in all wells sampled, which is one of the objectives of gaining site closure in a UST investigation, and according to the LTCP criteria.

Based on our review of the USTCF 5-year review dated September 2014, it appears that this site meets all criteria for case closure by LTCP except that there is a CDPG well listed as being within 1,000 feet of the subject site. Based on our conversations with the USTCF, they have this well listed as Lyle's Tackle Shop, State Well #4900814-001. Based on the location of this well on the State Geotracker Database (only able to be viewed by regulatory personnel), it appears that there may be either 1) incorrect well placement on the database, 2) this well has been removed, or 3) this well has been paved over since the current location places this well in an asphalt paved parking lot. There is no indication of the presence of this well at this time. During our conversation with Ms. Goeble, NC-RWQCB, there is also a concern of a possible well located at 316 Yolanda Avenue that may need to be addressed.

Remediation System Status

The AOSS system operated without issue since the time of the initial start-up, albeit over a short time frame. We did not need to make any repairs, nor did the system leak. We included O&M sheets in previous monitoring reports documenting the AOSS.

EGS will include a section, as needed, in future monitoring reports that will provide the NC-RWQCB a status of the AOSS at this site.

RECOMMENDATIONS

EGS makes the following recommendations for this site at this site:

- We request the NC-RWQCB again consider this case for closure by the Low-Threat Closure Policy based on the stable and decreasing plume over time, the residual plume is less than 250 feet in length, and the USTCF's assessment for potential vapor intrusion did not identify a risk;
- If the NC-RWQCB does not concur with closure by LTCP, we request a response that includes a path to closure for this site so that we may begin to address specific requirements.
- If the NC-RWQCB does not concur with closure by LTCP, we would recommend continued operation of the AOSS for a longer time frame to further degrade the residual contamination at this site.

CASE CLOSURE

Case closure, when issued, will entail removal of the AOSS system, removing the delivery lines from the trenches, abandoning the sparge wells and monitoring wells by over drilling and tremmie grouting (in accordance with Work Plan and drilling permit), and final site restoration. This would be followed by the preparation of a detailed Case Closure Report, documenting the site history, investigation, remediation, and well and AOSS system abandonment. Prior to actual closure we would need to prepare a Case Closure Work Plan, presenting the details of each task. A new Professional Services Agreement would be prepared outlining the costs and schedule, for approval by the RP.

LIMITATIONS

This work has been performed in accordance with generally accepted environmental investigation practices for similar investigations and groundwater 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.

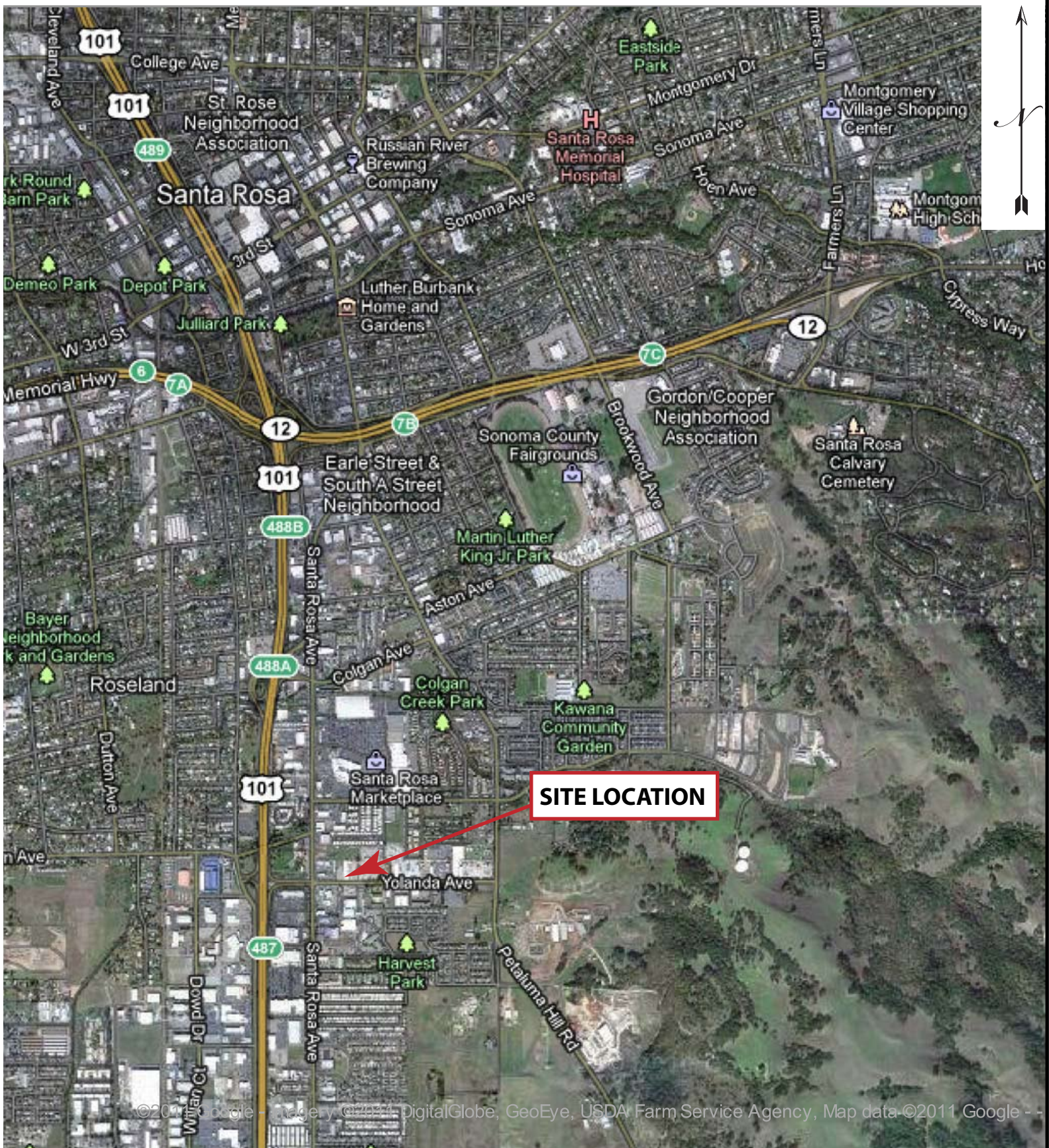
This scope did not include providing a risk assessment. Assumptions made about apparent public health risk are based on limited data and do not constitute a formal assessment of risk. If the Client desires a formal risk assessment, such assessment should be requested as a separate scope of work.

The groundwater sampling and testing program conducted was intended to provide an assessment of groundwater contamination for specific compounds, at specific locations, and depths, and at specific times. The investigation was not exhaustive, and may not have revealed contamination that may be present at locations (lateral or vertical) other than those explored, sampled and analyzed.

Also, this investigation was not intended to predict future on-site or off-site conditions from other potential discharges. It is understood by the parties hereto that the Client who has 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.

Lastly, this report is issued with the understanding that it is to be used only in its entirety.



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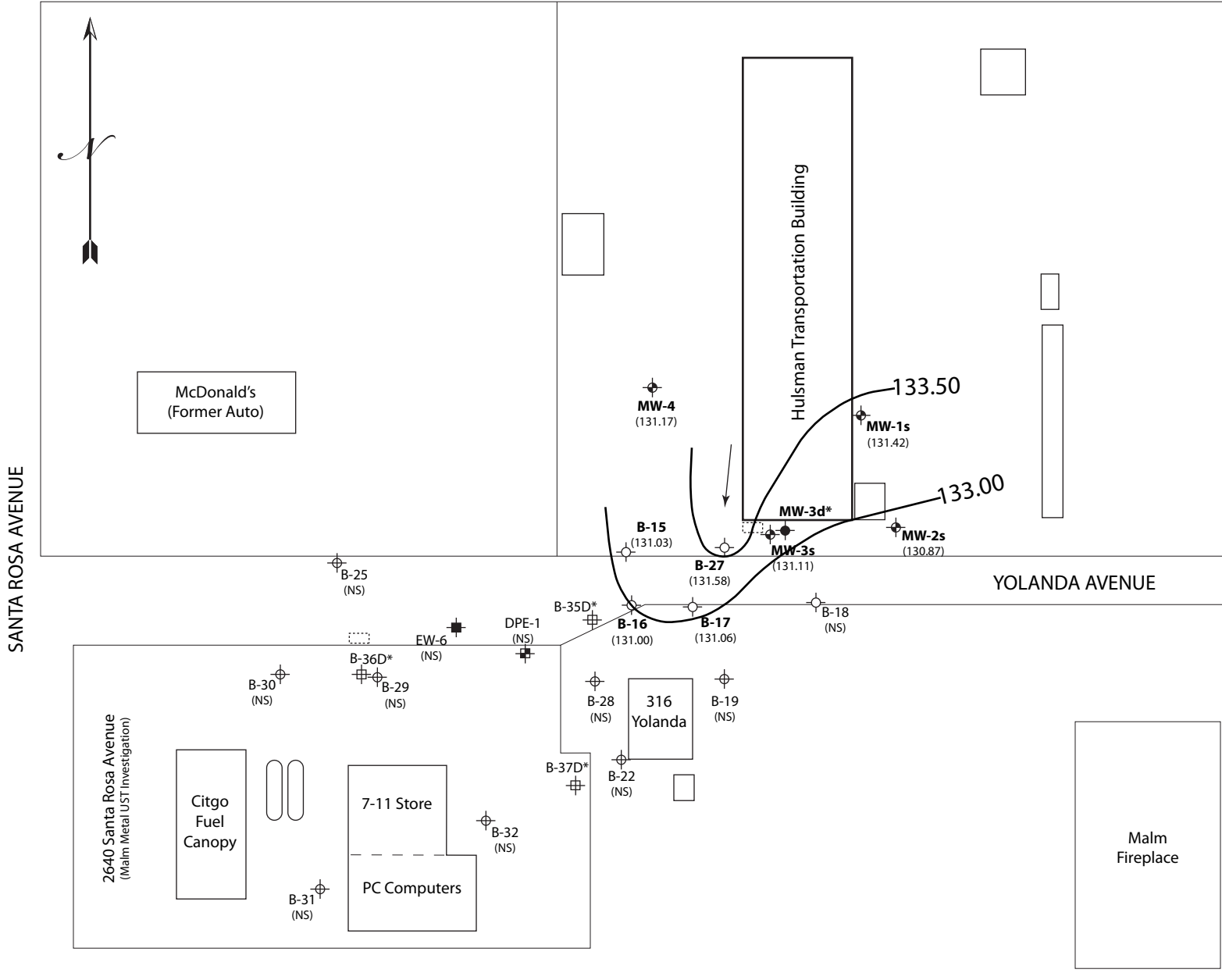


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DRAFTED BY:
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DATE:
APR 2015

SITE LOCATION MAP
UST INVESTIGATION
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

PLATE
1



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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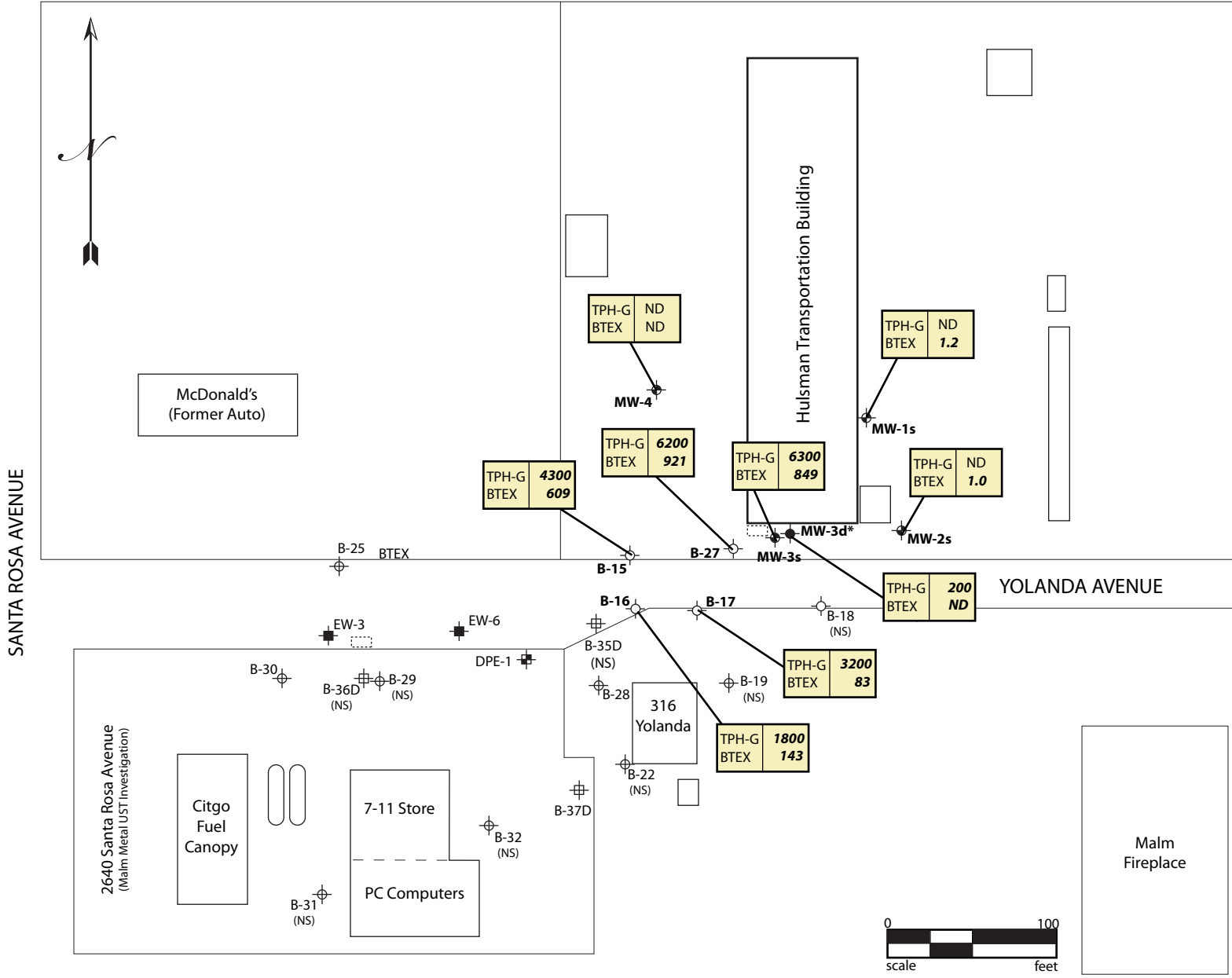
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**SHALLOW GROUNDWATER GRADIENT MAP
REPORT:
March / April 2015 Groundwater Monitoring**
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California

PLATE
2



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

NOTES: NS = Not Sampled;
 ND = Not Detected;
 NA = Not Analyzed
 TPH-G and BTEX Concentrations (ug/L) listed in table adjacent to Well

FORMER UST Location

CURRENT UST Location



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**TPH-G AND BTEX ANALYTICAL RESULTS
 REPORT:**
March / April 2015 Groundwater Monitoring
 Hulsman Transportation
 325 Yolanda Avenue, Santa Rosa, California

PLATE
 3

TABLE 1: Historical Summary of Analytical Results for On Site MW's MW-1s, MW-2s, MW-3s, MW-4, MW-3d								
Date	Sample ID	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	DTW
11/30/2004	MW-1s	ND	ND	ND	ND	ND	ND	13.67
2/9/2005	MW-1s	ND	ND	ND	ND	ND	ND	8.98
11/29/2007	MW-1s	ND	ND	ND	ND	ND	ND	12.14
3/1/2010	MW-1s	ND	ND	ND	ND	ND	ND	8.13
10/18/2011	MW-1s	ND	ND	ND	ND	ND	ND	11.62
3/27/2012	MW-1s	ND	ND	ND	ND	ND	ND	8.42
3/12/2014	MW-1s	ND	ND	ND	ND	1.2	ND	9.43
3/31/2015	MW-1s	ND	ND	ND	ND	ND	ND	10.92
11/30/2004	MW-2s	ND	ND	ND	ND	ND	ND	13.31
2/9/2005	MW-2s	ND	ND	ND	ND	ND	ND	8.95
11/29/2007	MW-2s	ND	ND	ND	ND	ND	ND	11.86
3/1/2010	MW-2s	ND	ND	ND	ND	ND	ND	7.81
10/18/2011	MW-2s	ND	ND	ND	ND	ND	ND	11.21
3/27/2012	MW-2s	ND	ND	ND	ND	ND	ND	7.91
3/12/2014	MW-2s	ND	ND	ND	ND	1.0	ND	8.71
3/31/2015	MW-2s	ND	ND	ND	ND	ND	ND	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	8.59
11/29/2007	MW-3s	23000	610	ND	1500	1400	ND	11.71
3/1/2010	MW-3s	16000	550	62	970	790	ND	7.73
10/18/2011	MW-3s	5700	180	ND	370	200	ND	11.17
3/28/2012	MW-3s	7100	260	ND	530	290	ND	7.91
10/5/2012	MW-3s	9200	340	7.3	870	590	ND	12.33
3/12/2014	MW-3s	6600	400	ND	380	110	ND	8.74
6/12/2014	MW-3s	750	11	2.6	4.8	34	ND	10.62
9/16/2014	MW-3s	230	3.9	ND	9.6	27	ND	13.35
3/31/2015	MW-3s	6300	220	16	280	333	ND	10.71
11/30/2004	MW-4	ND	ND	ND	ND	ND	ND	12.16
2/9/2005	MW-4	ND	ND	ND	ND	ND	ND	7.42
11/29/2007	MW-4	ND	ND	ND	ND	ND	ND	10.76
3/1/2010	MW-4	ND	ND	ND	ND	ND	ND	6.59
10/18/2011	MW-4	ND	ND	ND	ND	ND	ND	10.22
3/27/2012	MW-4	ND	ND	ND	ND	ND	ND	6.81
3/12/2014	MW-4	ND	ND	ND	ND	ND	ND	7.78
3/31/2015	MW-4	ND	ND	ND	ND	ND	ND	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	8.46
11/29/2007	MW-3d	850	14	1.8	ND	1.5	ND	11.62
3/1/2010	MW-3d	240	2.1	8.3	ND	ND	ND	7.52
10/18/2011	MW-3d	480	4.7	ND	ND	ND	8.7	11.00
3/28/2012	MW-3d	ND	ND	ND	ND	ND	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	ND	4.0	1.9	11	8.63
6/12/2014	MW-3d	75	ND	ND	ND	ND	7.0	10.93
9/16/2014	MW-3d	ND	ND	ND	ND	ND	5.3	13.72
4/1/2015	MW-3d	200	ND*	ND	ND	ND	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	10.26
3/12/2014	B-15	1100	110	12	57	18.8	ND	6.81
6/12/2014	B-15	110	2.8	ND	ND	ND	ND	7.92
9/16/2014	B-15	ND	ND	ND	ND	ND	ND	11.51
4/1/2015	B-15	4300	540	32	11	26.4	ND	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	15	11	ND	9.84
3/28/2012	B-16	ND	1.2	ND	0.9	ND	ND	6.61
10/4/2012	B-16	220	14	3.0	1.5	2.8	ND	10.85
3/12/2014	B-16	160	2.4	ND	ND	ND	ND	7.44
6/12/2014	B-16	790	26	1.0	0.89	ND	ND	9.04
9/16/2014	B-16	ND	ND	ND	ND	ND	ND	12.02
4/1/2015	B-16	1800	130	6.6	3.0	3.6	ND	9.49

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 & B-27

Date	Sample ID	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	DTW
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
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	39	23	ND	10.21
3/28/2012	B-17	6300	140	ND	11	21	ND	6.94
10/4/2012	B-17	3100	180	4.0	11	10	ND	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	0.6	1.7	16	9.23
9/16/2014	B-17	420	ND	ND	ND	ND	ND	12.37
4/1/2015	B-17	3200	66	5.6	3.5	7.4	ND	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	9.15
3/28/2012	B-27	5000	250	ND	130	54	ND	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	8.57
9/16/2014	B-27	4300	120	ND	130	360	ND	11.46
4/1/2015	B-27	6200	250	11	470	190	13	6.68

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.

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

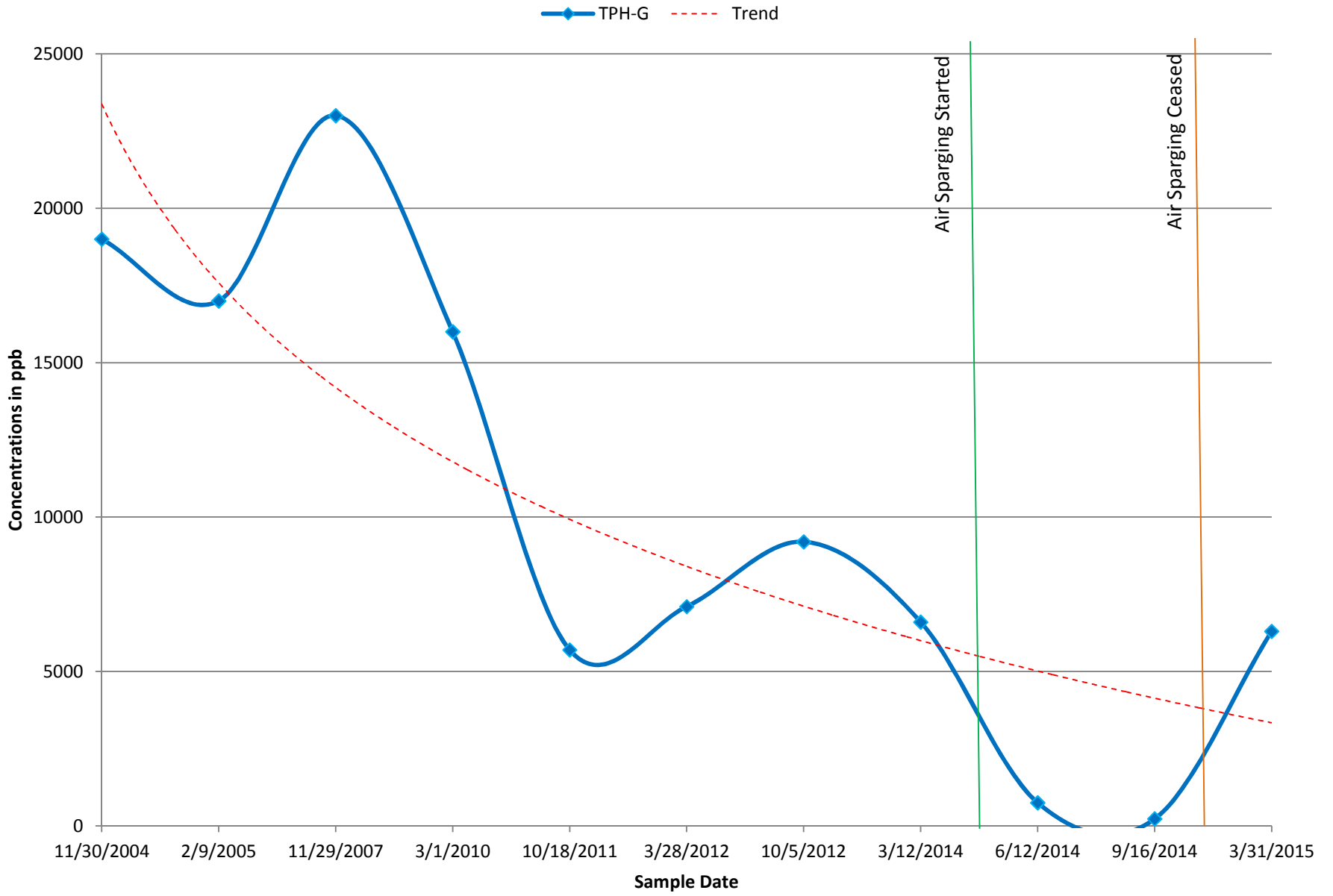


Chart 2: Historic Concentration Trend for Benzene in MW-3s

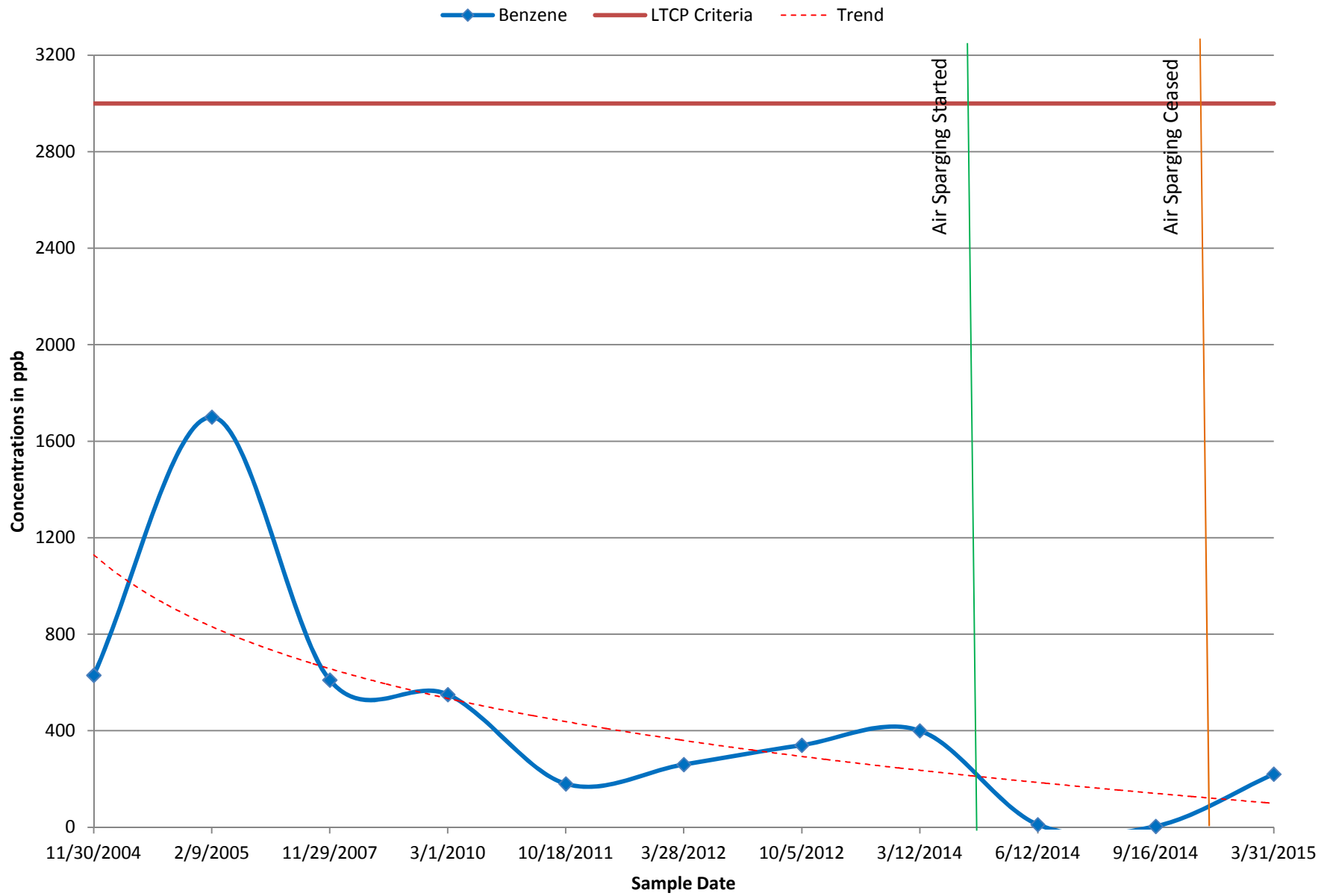


Chart 3: Historic Concentration Trend for TPH-G in MW-3d

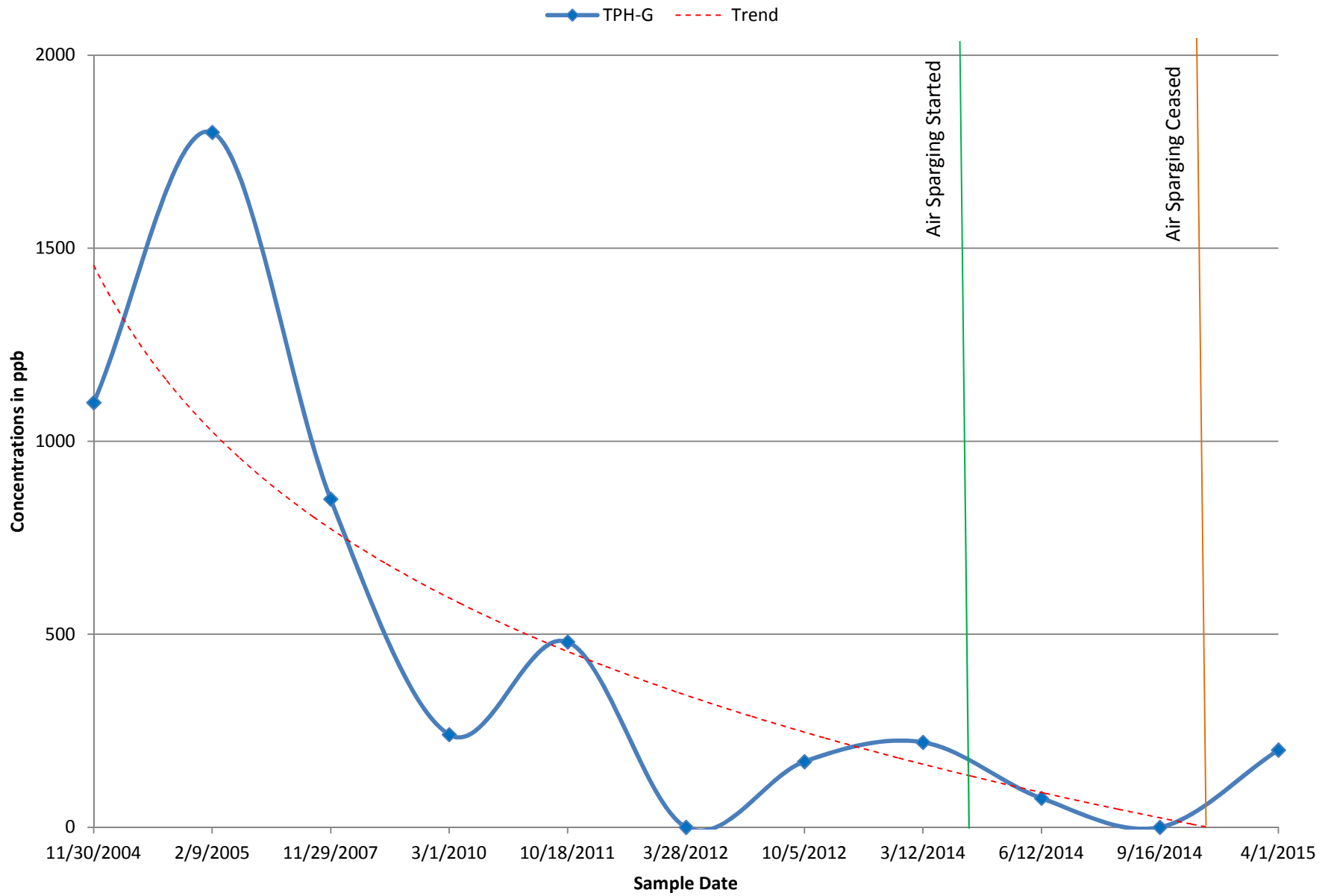


Chart 4: Historic Concentration Trend for Benzene in MW-3d

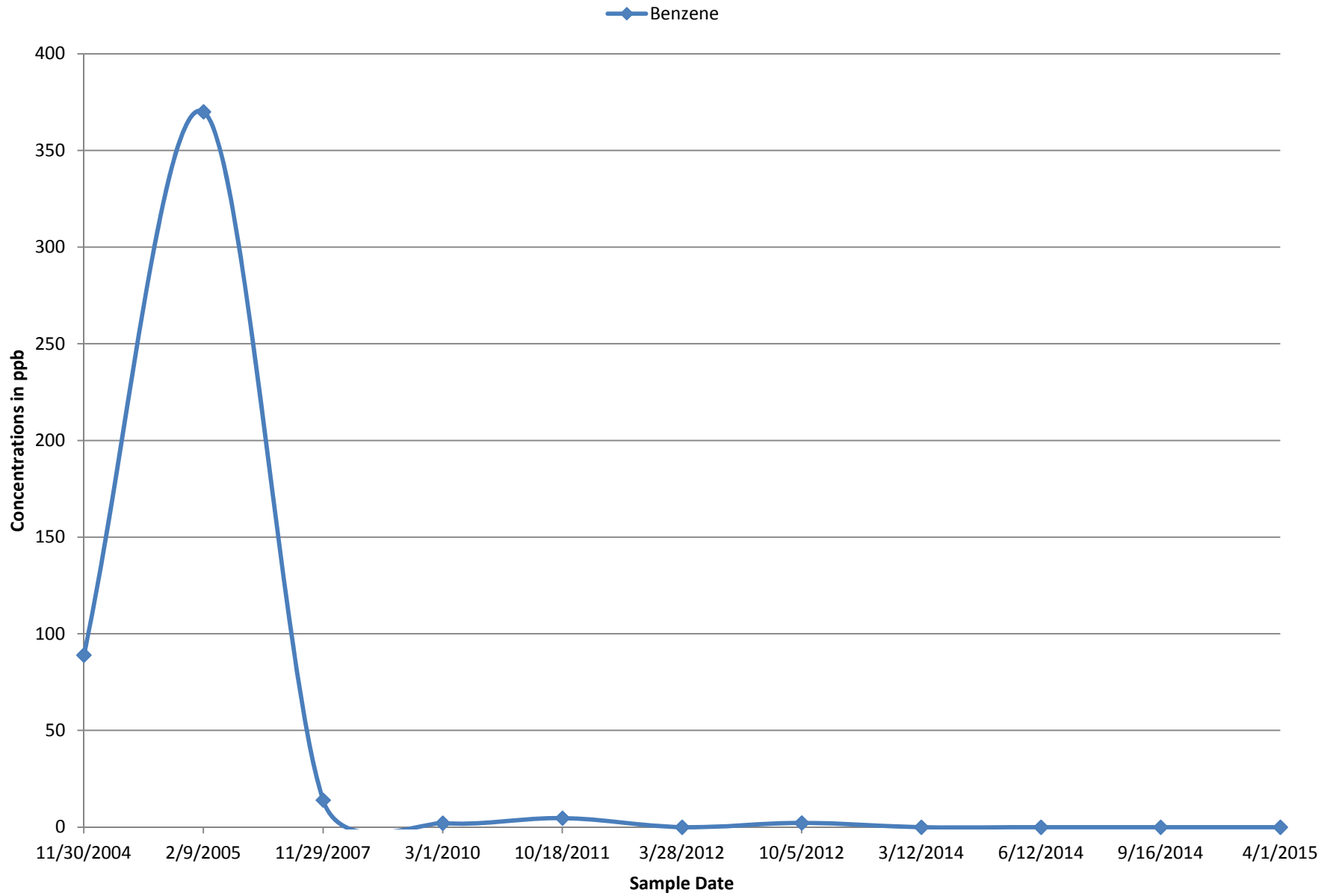


Chart 5: Historic Concentration Trend for TPH-G in B-15

The highest (initial) concentration of 45,000 ppb detected in June 1990 was removed for improved data representation.

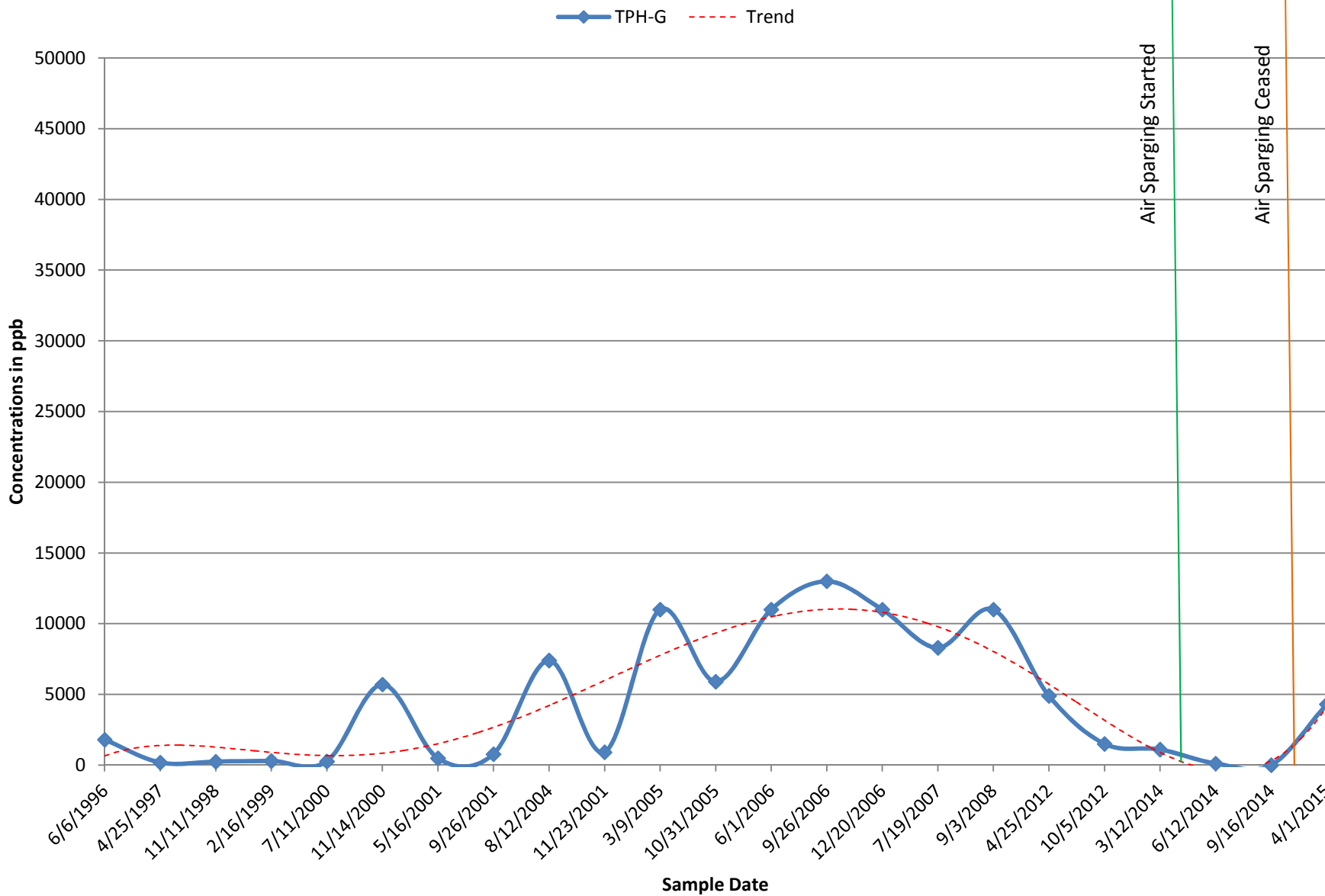


Chart 6: Historic Concentration Trend for Benzene in B-15

The highest (initial) concentration of 12,000 ppb detected in June 1990 was removed for improved data representation.

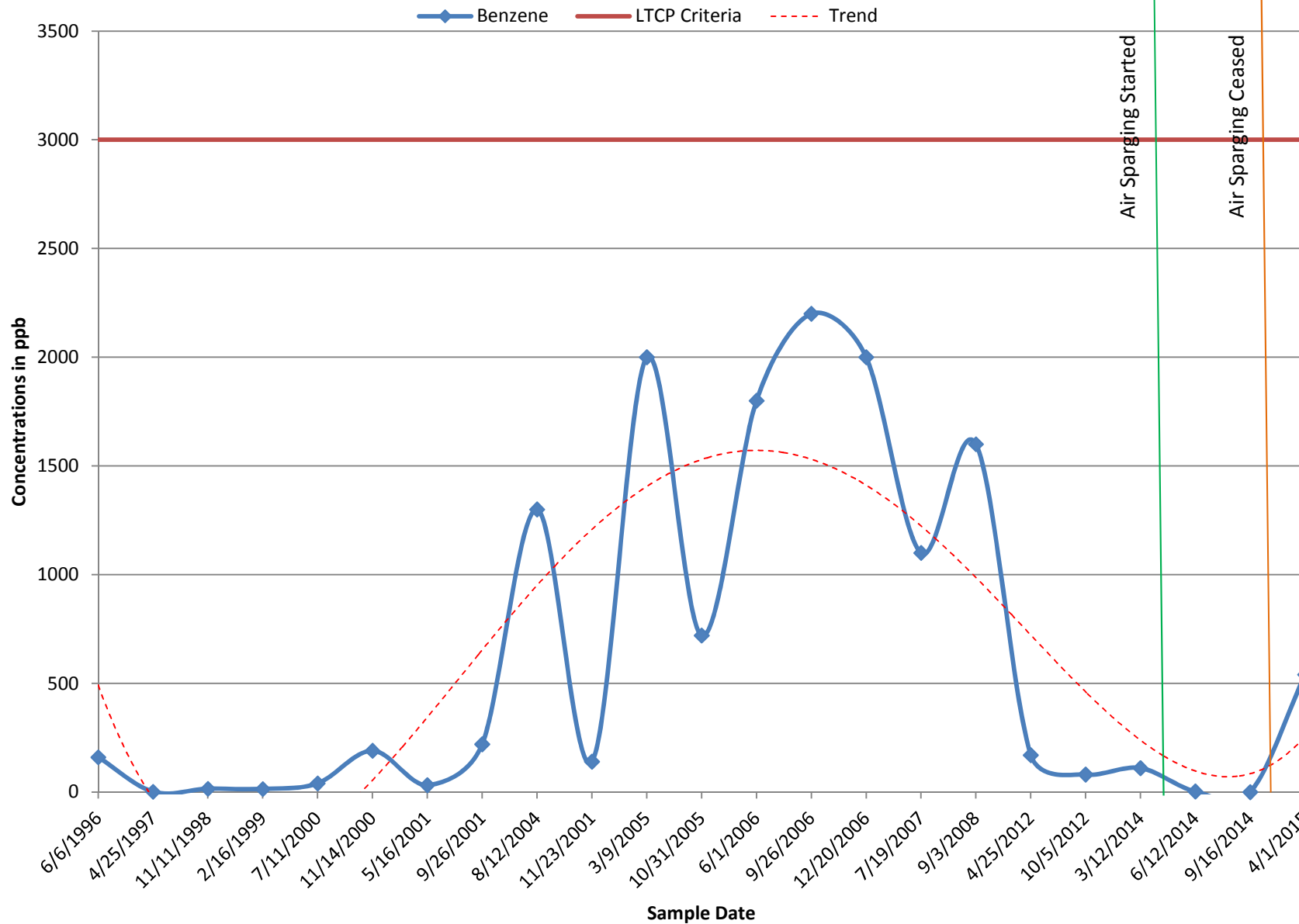


Chart 7: Historic Concentration Trend for TPH-G in B-16

The highest (initial) concentration of 43,000 ppb detected in December 1989 was removed for improved data representation.

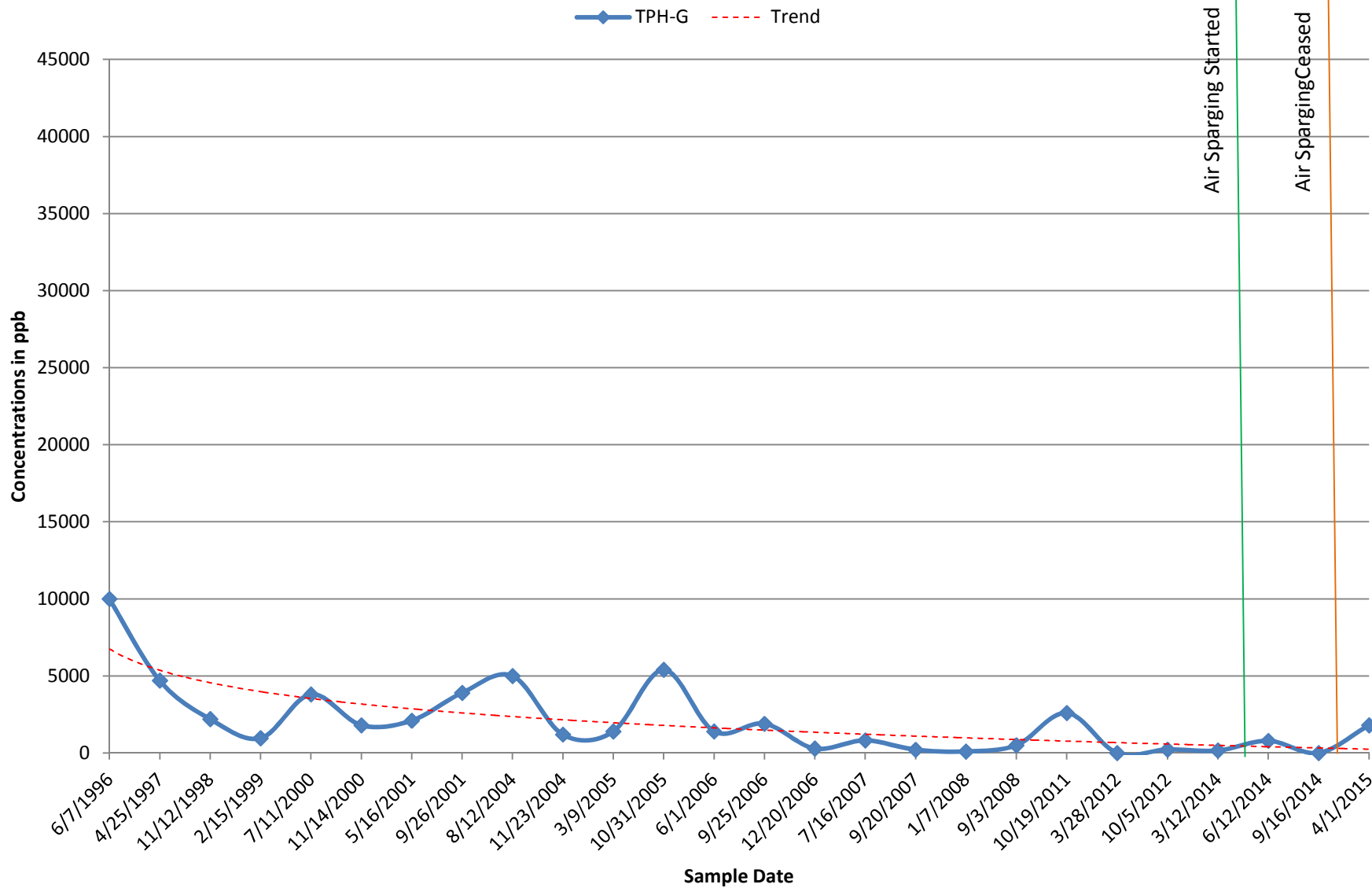


Chart 8: Historic Concentration Trend for Benzene in B-16

The highest (initial) concentration of 10,000 ppb detected in December 1989 was removed for improved data representation.

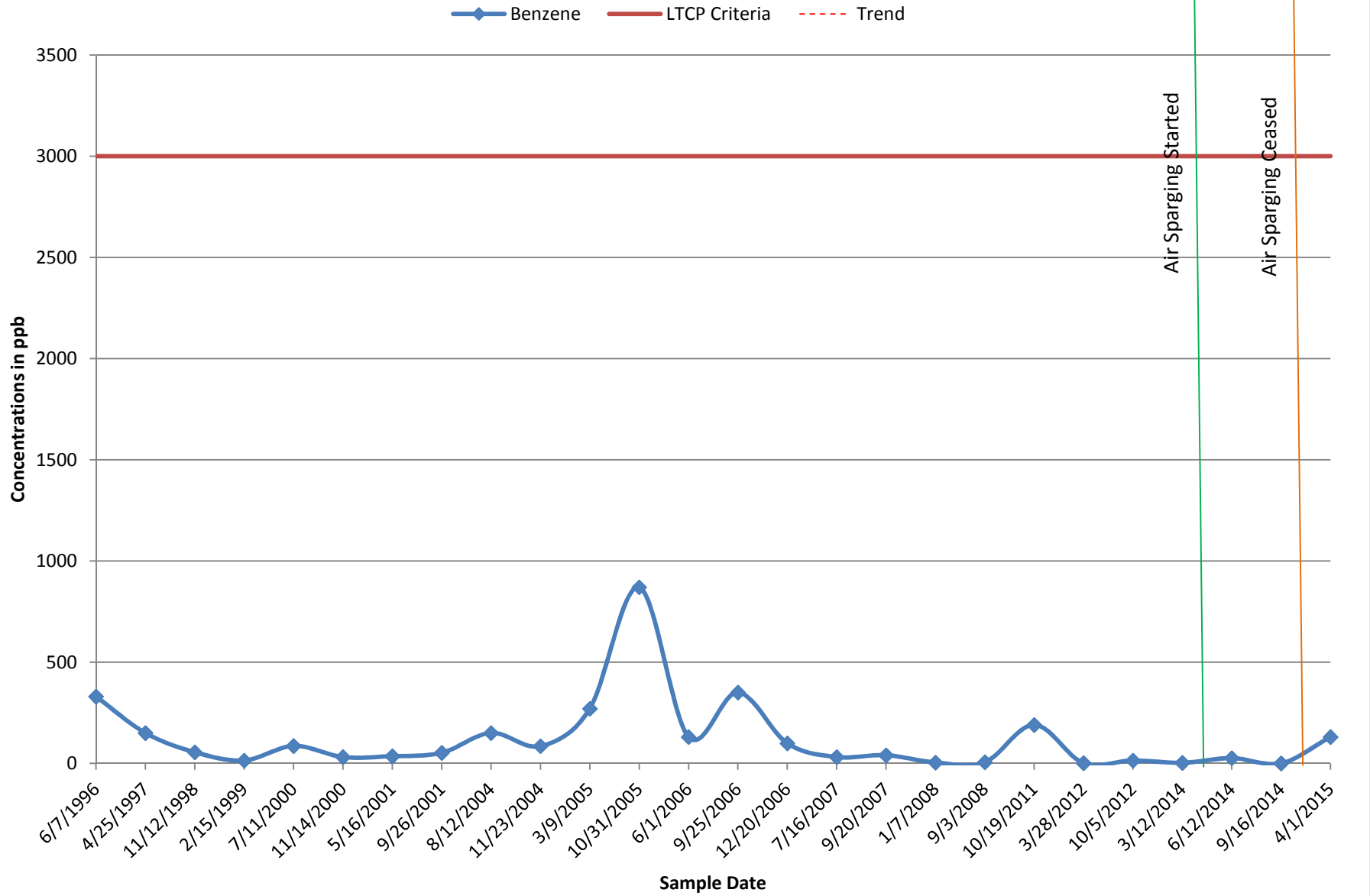


Chart 9: Historic Concentration Trend for TPH-G in B-17

The highest (initial) concentration of 49,000 ppb detected in November 1998 was removed for improved data representation.

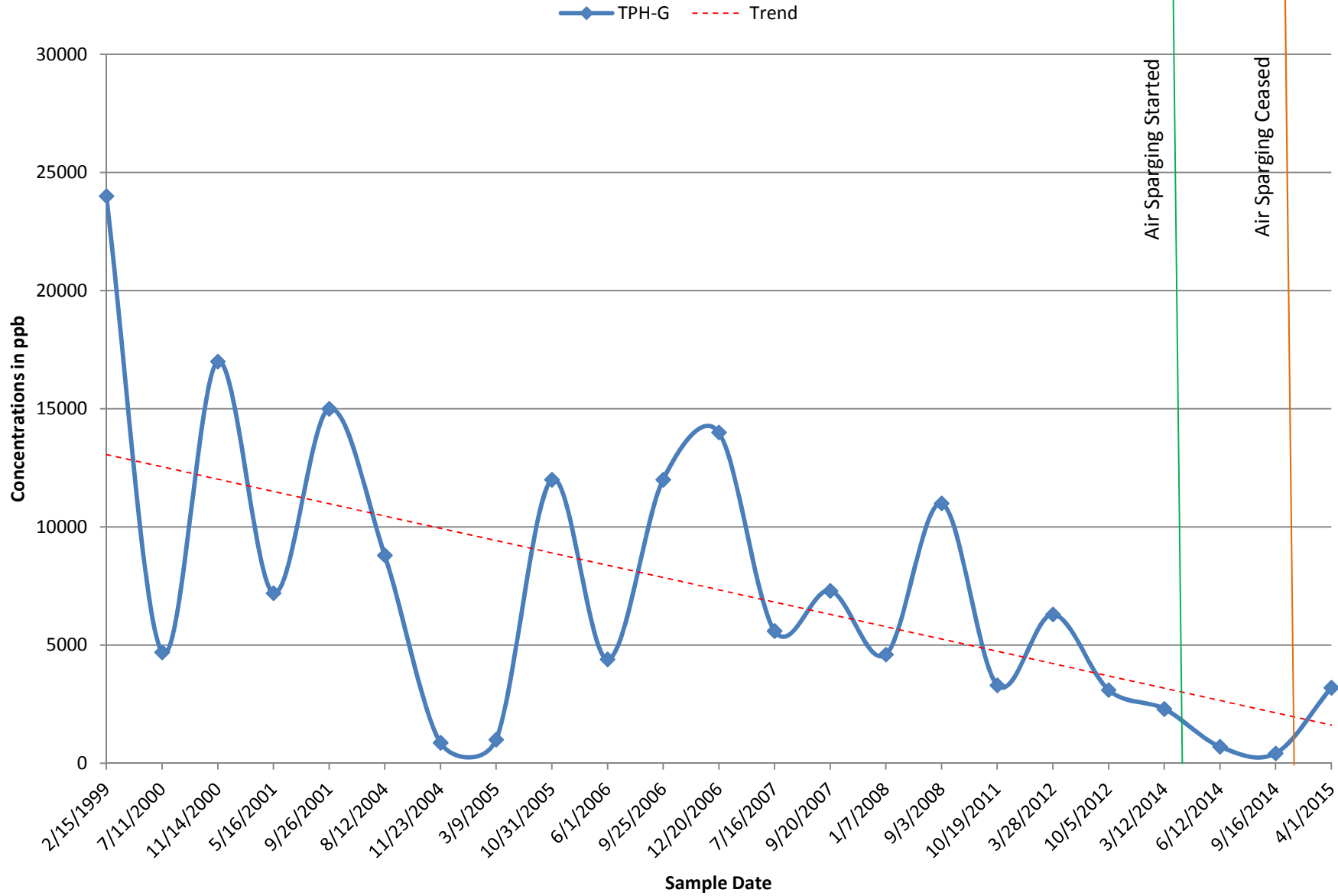


Chart 10: Historic Concentration Trend for Benzene in B-17

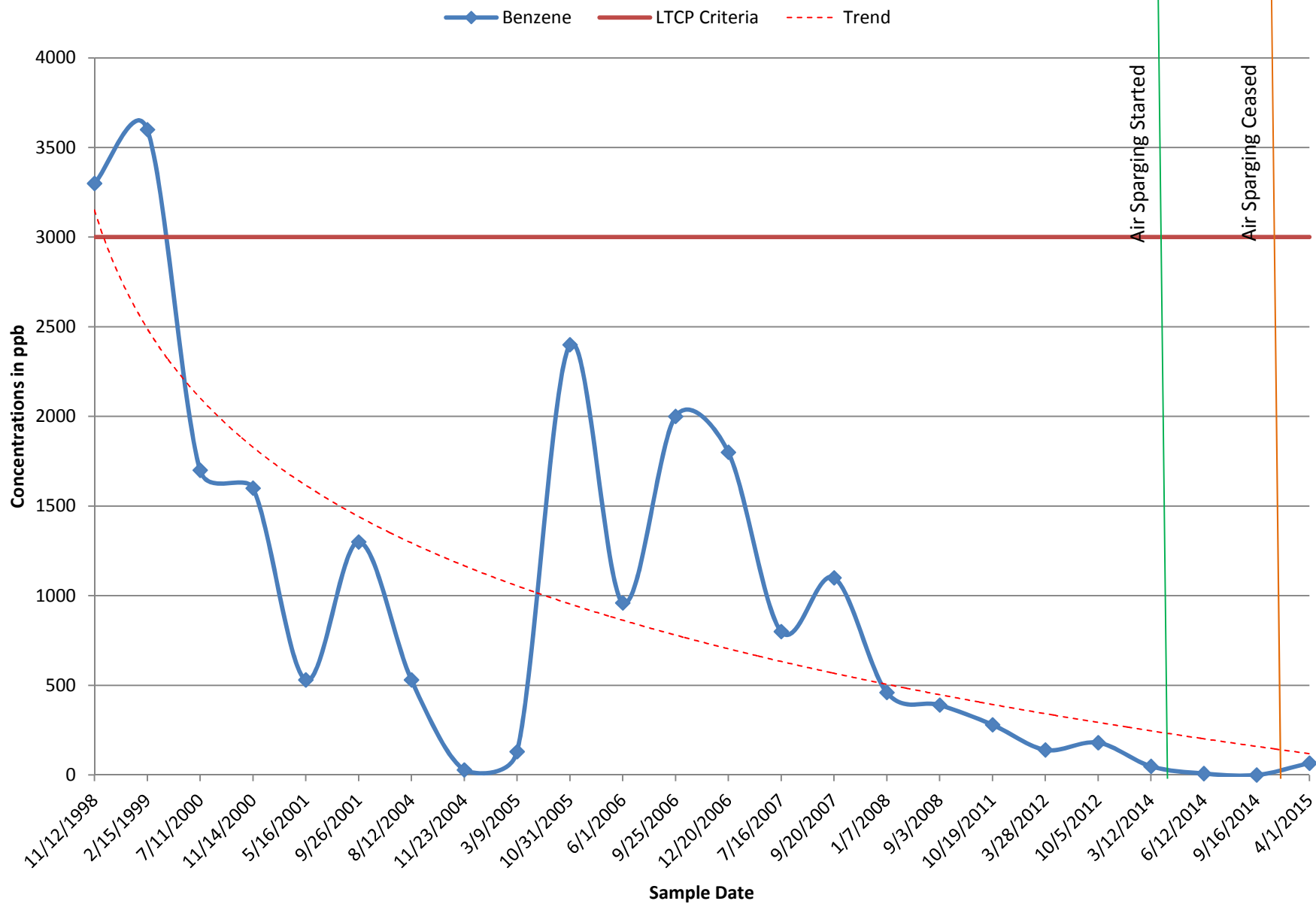


Chart 11: Historic Concentration Trend for TPH-G in B-27

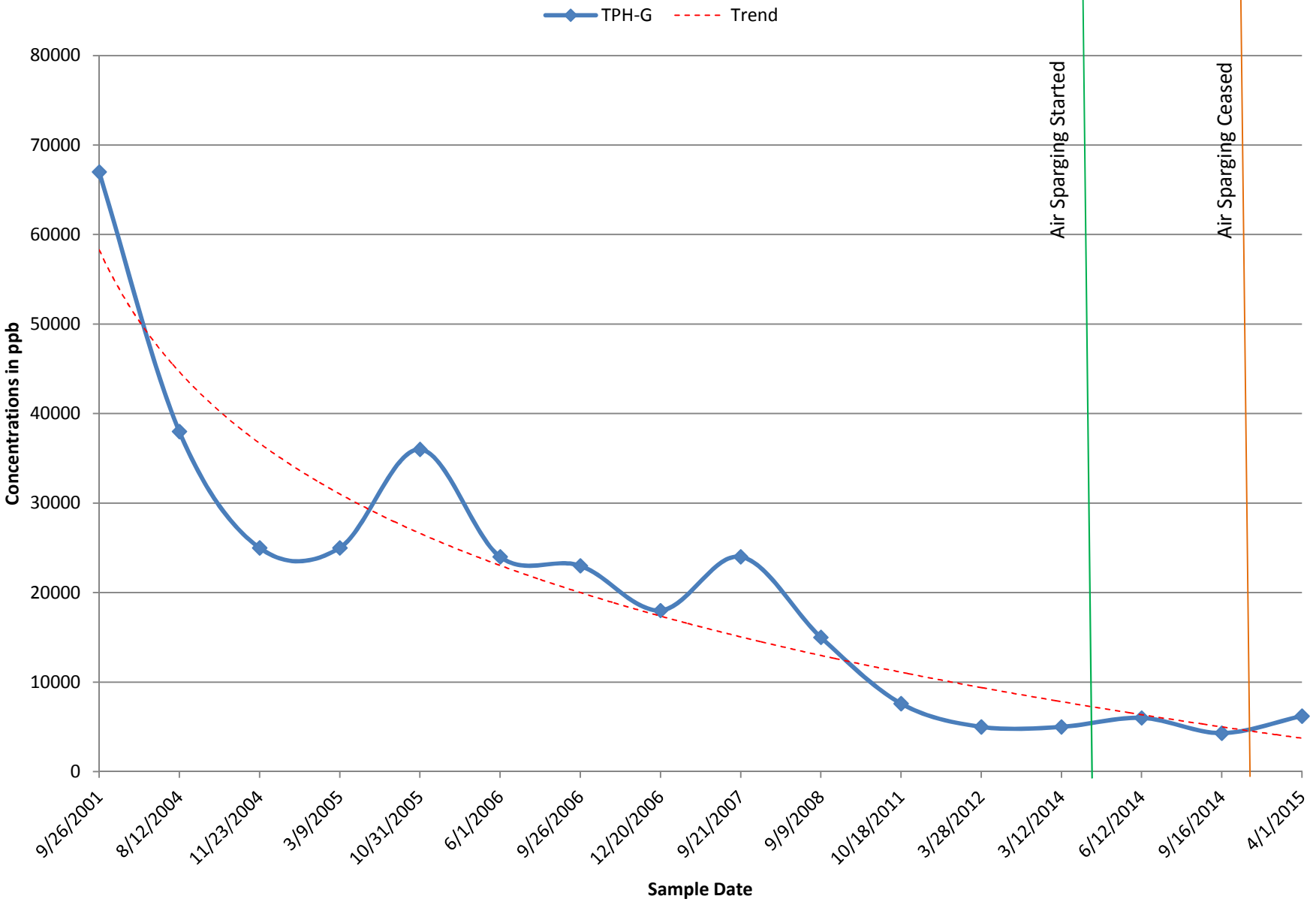
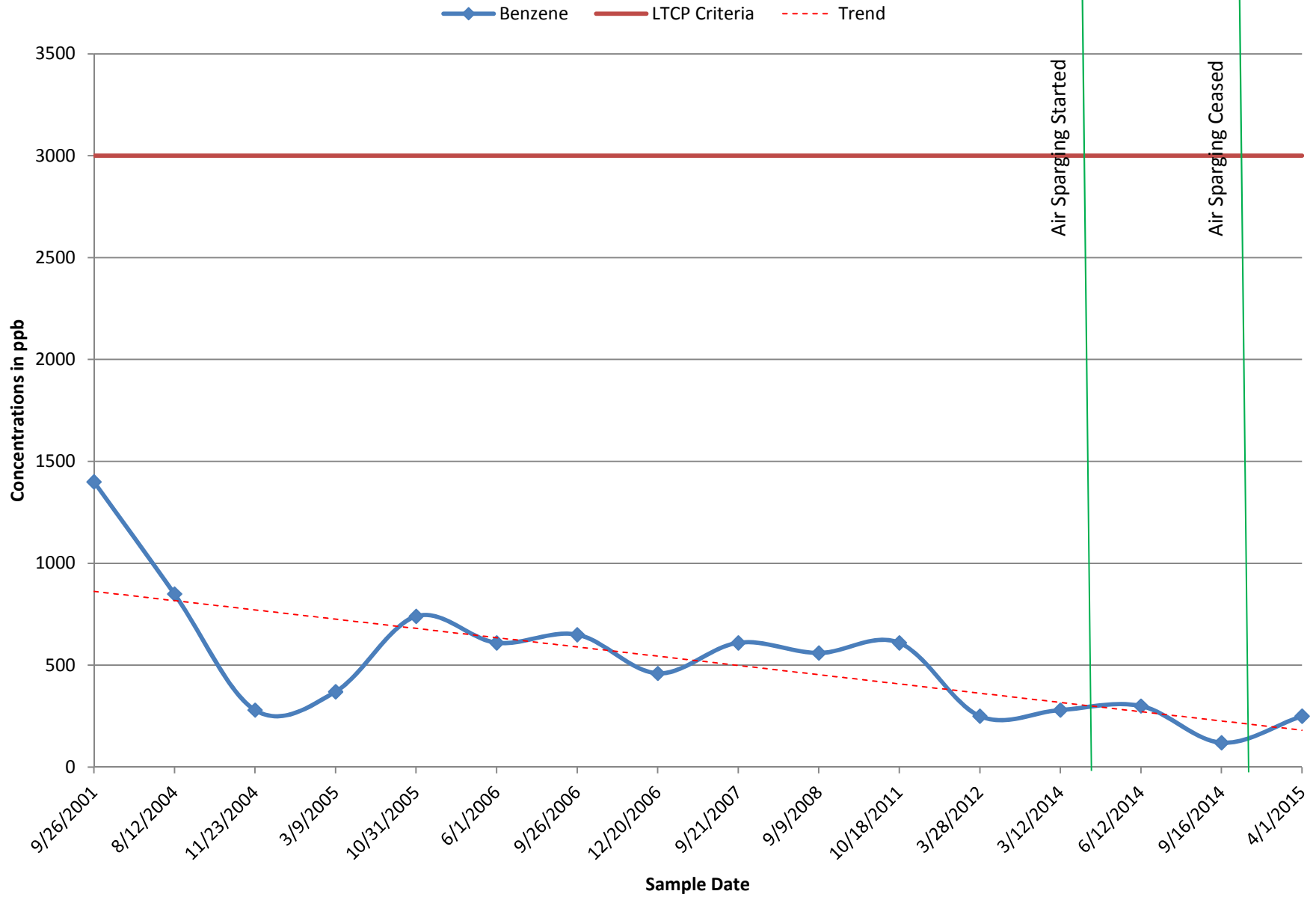


Chart 12: Historic Concentration Trend for Benzene in B-27



Date - MW-3s	TPH-G		Benzene	LTC-Benz		Date - MW-3d	TPH-G
11/30/2004	19000	11/30/2004	630	3000		11/30/2004	1100
2/9/2005	17000	2/9/2005	1700	3000		2/9/2005	1800
11/29/2007	23000	11/29/2007	610	3000		11/29/2007	850
3/1/2010	16000	3/1/2010	550	3000		3/1/2010	240
10/18/2011	5700	10/18/2011	180	3000		10/18/2011	480
3/28/2012	7100	3/28/2012	260	3000		3/28/2012	0
10/5/2012	9200	10/5/2012	340	3000		10/5/2012	170
3/12/2014	6600	3/12/2014	400	3000		3/12/2014	220
6/12/2014	750	6/12/2014	11	3000		6/12/2014	75
9/16/2014	230	9/16/2014	3.9	3000		9/16/2014	0
3/31/2015	6300	3/31/2015	220	3000		4/1/2015	200

	Benzene	LTC-Benz	Date - B-15	TPH-G		Benzene	LTC-Benz
11/30/2004	89	3000	6/18/1990	45000	6/18/1990	12000	3000
2/9/2005	370	3000	6/6/1996	1800	6/6/1996	160	3000
11/29/2007	14	3000	4/25/1997	180	4/25/1997	1.4	3000
3/1/2010	2.1	3000	11/11/1998	240	11/11/1998	15	3000
10/18/2011	4.7	3000	2/16/1999	290	2/16/1999	14	3000
3/28/2012	0.0001	3000	7/11/2000	260	7/11/2000	40	3000
10/5/2012	2.2	3000	11/14/2000	5700	11/14/2000	190	3000
3/12/2014	0.00001	3000	5/16/2001	480	5/16/2001	32	3000
6/12/2014	0.0001	3000	9/26/2001	770	9/26/2001	220	3000
9/16/2014	0.0001	3000	8/12/2004	7400	8/12/2004	1300	3000
4/1/2015	0.0001	3000	11/23/2001	910	11/23/2001	140	3000
			3/9/2005	11000	3/9/2005	2000	3000
			10/31/2005	5900	10/31/2005	720	3000
			6/1/2006	11000	6/1/2006	1800	3000
			9/26/2006	13000	9/26/2006	2200	3000
			12/20/2006	11000	12/20/2006	2000	3000
			7/19/2007	8300	7/19/2007	1100	3000
			9/3/2008	11000	9/3/2008	1600	3000
			4/25/2012	4900	4/25/2012	170	3000
			10/5/2012	1500	10/5/2012	81	3000
			3/12/2014	1100	3/12/2014	110	3000
			6/12/2014	110	6/12/2014	2.8	3000
			9/16/2014	0	9/16/2014	0	3000
			4/1/2015	4300	4/1/2015	540	3000

Date - B-16	TPH-G		Benzene	LTC-Benz	Date - B-17	TPH-G
12/13/1989	43000	12/13/1989	10000	3000	11/12/1998	49000
6/7/1996	10000	6/7/1996	330	3000	2/15/1999	24000
4/25/1997	4700	4/25/1997	150	3000	7/11/2000	4700
11/12/1998	2200	11/12/1998	55	3000	11/14/2000	17000
2/15/1999	960	2/15/1999	14	3000	5/16/2001	7200
7/11/2000	3800	7/11/2000	86	3000	9/26/2001	15000
11/14/2000	1800	11/14/2000	31	3000	8/12/2004	8800
5/16/2001	2100	5/16/2001	35	3000	11/23/2004	870
9/26/2001	3900	9/26/2001	52	3000	3/9/2005	1000
8/12/2004	5000	8/12/2004	150	3000	10/31/2005	12000
11/23/2004	1200	11/23/2004	85	3000	6/1/2006	4400
3/9/2005	1400	3/9/2005	270	3000	9/25/2006	12000
10/31/2005	5400	10/31/2005	870	3000	12/20/2006	14000
6/1/2006	1400	6/1/2006	130	3000	7/16/2007	5600
9/25/2006	1900	9/25/2006	350	3000	9/20/2007	7300
12/20/2006	290	12/20/2006	99	3000	1/7/2008	4600
7/16/2007	820	7/16/2007	31	3000	9/3/2008	11000
9/20/2007	210	9/20/2007	40	3000	10/19/2011	3300
1/7/2008	99	1/7/2008	4	3000	3/28/2012	6300
9/3/2008	500	9/3/2008	5.6	3000	10/5/2012	3100
10/19/2011	2600	10/19/2011	190	3000	3/12/2014	2300
3/28/2012	0	3/28/2012	1.2	3000	6/12/2014	700
10/5/2012	220	10/5/2012	14	3000	9/16/2014	420
3/12/2014	160	3/12/2014	2.4	3000	4/1/2015	3200
6/12/2014	790	6/12/2014	26	3000.00		
9/16/2014	0	9/16/2014	0	3000.00		
4/1/2015	1800	4/1/2015	130	3000		

	Benzene	LTC-Benz	Date - B-27	TPH-G		Benzene	LTC-Benz
11/12/1998	3300	3000	9/26/2001	67000	9/26/2001	1400	3000
2/15/1999	3600	3000	8/12/2004	38000	8/12/2004	850	3000
7/11/2000	1700	3000	11/23/2004	25000	11/23/2004	280	3000
11/14/2000	1600	3000	3/9/2005	25000	3/9/2005	370	3000
5/16/2001	530	3000	10/31/2005	36000	10/31/2005	740	3000
9/26/2001	1300	3000	6/1/2006	24000	6/1/2006	610	3000
8/12/2004	530	3000	9/26/2006	23000	9/26/2006	650	3000
11/23/2004	28	3000	12/20/2006	18000	12/20/2006	460	3000
3/9/2005	130	3000	9/21/2007	24000	9/21/2007	610	3000
10/31/2005	2400	3000	9/9/2008	15000	9/9/2008	560	3000
6/1/2006	960	3000	10/18/2011	7600	10/18/2011	610	3000
9/25/2006	2000	3000	3/28/2012	5000	3/28/2012	250	3000
12/20/2006	1800	3000	3/12/2014	5000	3/12/2014	280	3000
7/16/2007	800	3000	6/12/2014	6000	6/12/2014	300	3000
9/20/2007	1100	3000	9/16/2014	4300	9/16/2014	120	3000.00
1/7/2008	460	3000	4/1/2015	6200	4/1/2015	250	3000
9/3/2008	390	3000					
10/19/2011	280	3000					
3/28/2012	140	3000					
10/5/2012	180	3000					
3/12/2014	48	3000					
6/12/2014	7.6	3000					
9/16/2014	0	3000.00					
4/1/2015	66	3000					

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 451.0711

WELL NO: MW-1s

DATE: 3/31/15

TOC ELEV: 142.34

JOB NAME: 325 Yolanda Ave

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	10.92
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	24.82
WATER THICKNESS (h)	13.97

Groundwater Elevation: TOC-D = 131.42

VOLUME OF WATER TO BE PURGED3 Well Volumes: $3 \times 0.17 \times h = 7.12$

VOLUME OF WATER PURGED FROM WELL: 10 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1212	8.31	17.27	409	4.79	1	Cloudy, no odor or sheen
1216	7.75	16.98	418	10.43	2.5	Clearing, no odor or sheen
1218	7.47	16.85	432	8.49	5	Clear, no odor or sheen
1221	7.05	17.59	401	9.31	7.5	"
1225	6.95	17.66	385	6.08	10	"

TIME SAMPLED COLLECTED: 1225

SAMPLING METHOD: Low flow

SAMPLE CONTAINERS: three preserved 40 ml VOAs, two unpreserved 40 mL VOAs, two preserved 250 mL plastic, one unpreserved 250 mL plastic

TESTS REQUIRED: EPA 8260+GRO, Cr, Mo, Se, V, Cr+6, Br+, Br-, DO, ORP

ANALYTICAL LAB: Analytical Sciences, Petaluma

COMMENTS: Started cloudy, then cleared, no odor in sample.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 451.0711

WELL NO: MW-2s

DATE: 3/31/15

TOC ELEV: 141.86

JOB NAME: 325 Yolanda Ave

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	10.99
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	24.72
WATER THICKNESS (h)	13.73

Groundwater Elevation: TOC-D = 130.87

VOLUME OF WATER TO BE PURGED3 Well Volumes: $3 \times 0.17 \times h = 7.0$

VOLUME OF WATER PURGED FROM WELL: 10 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1253	8.02	18.76	301	11.66	1	Cloudy, no odor or sheen
1256	7.16	19.29	265	7.12	2.5	"
1300	6.84	18.49	256	7.67	5	Clearing, no odor or sheen
1305	6.62	18.79	253	6.01	7.5	"
1309	6.64	18.88	252	6.04	10	Clear, no odor or sheen

TIME SAMPLED COLLECTED: 1309

SAMPLING METHOD: Low flow

SAMPLE CONTAINERS: three preserved 40 ml VOAs, two unpreserved 40 mL VOAs, two preserved 250 mL plastic, one unpreserved 250 mL plastic

TESTS REQUIRED: EPA 8260+GRO, Cr, Mo, Se, V, Cr+6, Br+, Br-, DO, ORP

ANALYTICAL LAB: Analytical Sciences, Petaluma

COMMENTS: Started cloudy, then cleared, no odor in sample.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 451.0711

WELL NO: MW-3s

DATE: 3/31/15

TOC ELEV: 141.82

JOB NAME: 325 Yolanda Ave

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	10.71
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	24.41
WATER THICKNESS (h)	13.70

Groundwater Elevation: TOC-D = 131.11

VOLUME OF WATER TO BE PURGED3 Well Volumes: $3 \times 0.17 \times h = 6.98$

VOLUME OF WATER PURGED FROM WELL: 10 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1443	8.48	20.64	426	9.17	1	Cloudy, odor, no sheen
1447	7.98	19.31	402	3.84	2.5	Clearing, odor, no sheen
1450	7.76	19.12	397	5.76	5	Clear, odor, no sheen
1453	7.59	19.38	389	4.85	7.5	"
1458	7.56	19.25	389	5.08	10	"

TIME SAMPLED COLLECTED: 1450

SAMPLING METHOD: Low flow

SAMPLE CONTAINERS: three preserved 40 ml VOAs, two unpreserved 40 mL VOAs, two preserved 250 mL plastic, one unpreserved 250 mL plastic

TESTS REQUIRED: EPA 8260+GRO, Cr, Mo, Se, V, Cr+6, Br+, Br-, DO, ORP

ANALYTICAL LAB: Analytical Sciences, Petaluma

COMMENTS: Started cloudy, then cleared, odor in sample.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 451.0711

WELL NO: MW-4

DATE: 3/31/15

TOC ELEV: 140.78

JOB NAME: 325 Yolanda Ave

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	9.61
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	24.85
WATER THICKNESS (h)	15.24

Groundwater Elevation: TOC-D = 131.17

VOLUME OF WATER TO BE PURGED3 Well Volumes: $3 \times 0.17 \times h = 7.77$

VOLUME OF WATER PURGED FROM WELL: 10.0 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1333	6.97	19.45	850	12.27	1	Cloudy, no odor or sheen
135	6.95	19.41	879	9.01	2.5	Clear, no odor or sheen
1338	6.96	19.32	941	7.83	5	"
1342	6.99	19.30	953	6.66	7.5	"
1345	6.99	19.14	962	6.77	10	"

TIME SAMPLED COLLECTED: 1345

SAMPLING METHOD: Low flow

SAMPLE CONTAINERS: three preserved 40 ml VOAs, two unpreserved 40 mL VOAs, two preserved 250 mL plastic, one unpreserved 250 mL plastic

TESTS REQUIRED: EPA 8260+GRO, Cr, Mo, Se, V, Cr+6, Br+, Br-, DO, ORP

ANALYTICAL LAB: Analytical Sciences, Petaluma

COMMENTS: Started cloudy, then cleared, no odor in sample.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 451.0711

WELL NO: B-15

DATE: 4/1/15

TOC ELEV: 139.89

JOB NAME: 325 Yolanda Ave

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	8.86
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	24.90
WATER THICKNESS (h)	16.04

Groundwater Elevation: TOC-D = 131.03

VOLUME OF WATER TO BE PURGED3 Well Volumes: $3 \times 0.17 \times h = 8.18$

VOLUME OF WATER PURGED FROM WELL: 10 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1123	7.86	17.43	473	9.32	1	Clear odor, no sheen
1125	7.66	16.13	492	5.51	2.5	"
1129	7.21	18.03	485	5.13	5	"
1131	7.15	16.62	485	6.31	7.5	"
1134	7.20	18.78	485	7.08	10	"

TIME SAMPLED COLLECTED: 1134

SAMPLING METHOD: Low flow

SAMPLE CONTAINERS: three preserved 40 ml VOAs, two unpreserved 40 mL VOAs, two preserved 250 mL plastic, one unpreserved 250 mL plastic

TESTS REQUIRED: EPA 8260+GRO, Cr, Mo, Se, V, Cr+6, Br+, Br-, DO, ORP

ANALYTICAL LAB: Analytical Sciences, Petaluma

COMMENTS: Started cloudy, then cleared, odor in sample.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 451.0711

WELL NO: B-16

DATE: 4/1/15

TOC ELEV: 140.49

JOB NAME: 325 Yolanda Ave

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	9.49
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	24.00
WATER THICKNESS (h)	14.51

Groundwater Elevation: TOC-D = 131.00

VOLUME OF WATER TO BE PURGED

3 Well Volumes: $3 \times 0.17 \times h = 7.4$

VOLUME OF WATER PURGED FROM WELL: 10.0 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1219	8.19	17.49	365	9.24	1	Cloudy, slight odor no sheen
1222	7.82	17.43	360	4.44	2.5	"
1226	7.69	17.12	364	6.28	5	Clear, faint odor no sheen
1230	7.61	17.48	362	6.41	7.5	"
1233	7.21	17.82	359	7.11	10	"

TIME SAMPLED COLLECTED: 1233

SAMPLING METHOD: Low flow

SAMPLE CONTAINERS: three preserved 40 ml VOAs, two unpreserved 40 mL VOAs, two preserved 250 mL plastic, one unpreserved 250 mL plastic

TESTS REQUIRED: EPA 8260+GRO, Cr, Mo, Se, V, Cr+6, Br+, Br-, DO, ORP

ANALYTICAL LAB: Analytical Sciences, Petaluma

COMMENTS: Started cloudy, then cleared, faint odor in sample.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 451.0711

WELL NO: B-17

DATE: 4/1/15

TOC ELEV: 140.84

JOB NAME: 325 Yolanda Ave

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	9.78
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	24.84
WATER THICKNESS (h)	15.06

Groundwater Elevation: TOC-D = 131.06

VOLUME OF WATER TO BE PURGED

3 Well Volumes: $3 \times 0.17 \times h = 7.68$

VOLUME OF WATER PURGED FROM WELL: 10.0 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1346	7.44	18.53	498	8.47	1	Cloudy, odor no sheen
1348	7.1	18.57	505	7.96	2.5	Clearing, odor no sheen
1351	7.15	18.38	506	5.52	5	Clear, slight odor, no sheen
1354	7.4	18.14	512	4.54	7.5	"
1357	7.01	18.53	510	6.49	10	"

TIME SAMPLED COLLECTED: 1357

SAMPLING METHOD: Low flow

SAMPLE CONTAINERS: three preserved 40 ml VOAs, two unpreserved 40 mL VOAs, two preserved 250 mL plastic, one unpreserved 250 mL plastic

TESTS REQUIRED: EPA 8260+GRO, Cr, Mo, Se, V, Cr+6, Br+, Br-, DO, ORP

ANALYTICAL LAB: Analytical Sciences, Petaluma

COMMENTS: Started cloudy, then cleared, faint odor in sample.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 451.0711

WELL NO: B-27

DATE: 4/1/15

TOC ELEV: 140.26

JOB NAME: 325 Yolanda Ave

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	8.68
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	18.27
WATER THICKNESS (h)	9.59

Groundwater Elevation: TOC-D = 131.58

VOLUME OF WATER TO BE PURGED3 Well Volumes: $3 \times 0.17 \times h = 4.89$

VOLUME OF WATER PURGED FROM WELL: 10.0 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1446	7.52	19.09	430	10.82	1	Cloudy, odor no sheen
1448	7.16	19.38	423	4.21	2.5	Clear, odor no sheen
1451	7.14	18.92	418	3.47	5	"
1455	7.00	19.63	406	4.37	7.5	"
1458	6.94	18.78	391	3.84	10	"

TIME SAMPLED COLLECTED: 1458

SAMPLING METHOD: Low flow

SAMPLE CONTAINERS: three preserved 40 ml VOAs, two unpreserved 40 mL VOAs, two preserved 250 mL plastic, one unpreserved 250 mL plastic

TESTS REQUIRED: EPA 8260+GRO, Cr, Mo, Se, V, Cr+6, Br+, Br-, DO, ORP

ANALYTICAL LAB: Analytical Sciences, Petaluma

COMMENTS: Started cloudy, then cleared, odor in sample.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 451.0711

WELL NO: MW-3d

DATE: 4/1/15

TOC ELEV: 141.54

JOB NAME: 325 Yolanda Ave

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	10.79
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	34.0
WATER THICKNESS (h)	23.21

Groundwater Elevation: TOC-D = 130.75

VOLUME OF WATER TO BE PURGED3 Well Volumes: $3 \times 0.17 \times h = 11.84$

VOLUME OF WATER PURGED FROM WELL: 15 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1034	8.42	15.93	456	17.26	1	Cloudy, no odor or sheen
1037	7.92	16.49	447	4.26	5	Clear, slight odor or sheen
1041	7.73	16.59	442	4.94	7.5	"
1044	7.45	17.34	431	3.49	10	"
1047	7.14	17.70	429	6.97	12.5	"
1051	7.13	17.70	430	4.03	15	"

TIME SAMPLED COLLECTED: 1051

SAMPLING METHOD: Low flow

SAMPLE CONTAINERS: three preserved 40 ml VOAs, two unpreserved 40 mL VOAs, two preserved 250 mL plastic, one unpreserved 250 mL plastic

TESTS REQUIRED: EPA 8260+GRO, Cr, Mo, Se, V, Cr+6, Br+, Br-, DO, ORP

ANALYTICAL LAB: Analytical Sciences, Petaluma

COMMENTS: Started cloudy, then cleared, slight odor in sample.



Report Date: April 14, 2015

Laboratory Report

Marc Seeley
Environmental Geology Services, Inc.
1695 Willowside Road
Santa Rosa, CA 95401

Project Name: **325 Yolanda Ave. 451.0711**
Lab Project Number: **5033119**

This 21 page report of analytical data has been reviewed and approved for release.

Mark A. Valentini, Ph.D.

Laboratory Director



TPH Gasoline

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-01	MW-1s	Gasoline	ND	50

Date Sampled:	03/31/15	Date Analyzed:	04/06/15	QC Batch:	B014498
Date Received:	03/31/15	Method:	EPA 8015B		

TPH Gasoline

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-02	MW-2s	Gasoline	ND	50

Date Sampled:	03/31/15	Date Analyzed:	04/06/15	QC Batch:	B014498
Date Received:	03/31/15	Method:	EPA 8015B		

TPH Gasoline

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-03	MW-3s	Gasoline	6300	50

Date Sampled:	03/31/15	Date Analyzed:	04/06/15	QC Batch:	B014498
Date Received:	03/31/15	Method:	EPA 8015B		

TPH Gasoline

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-04	MW-4s	Gasoline	ND	50

Date Sampled:	03/31/15	Date Analyzed:	04/06/15	QC Batch:	B014498
Date Received:	03/31/15	Method:	EPA 8015B		



Volatile Hydrocarbons by GC/MS

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-01	MW-1s	Benzene	ND	1.0
		Toluene	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		o-Xylene	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,2-Dibromoethane (EDB)	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	20.5	103	70-130	
Toluene-d8	22.3	112	70-130	
4-Bromofluorobenzene	21.0	105	70-130	
Date Sampled:	03/31/15	Date Analyzed:	04/06/15	QC Batch: B014474
Date Received:	03/31/15	Method:	EPA 8260B	



Volatile Hydrocarbons by GC/MS

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-02	MW-2s	Benzene	ND	1.0
		Toluene	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		o-Xylene	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,2-Dibromoethane (EDB)	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	18.5	92	70-130	
Toluene-d8	22.6	113	70-130	
4-Bromofluorobenzene	20.4	102	70-130	
Date Sampled:	03/31/15	Date Analyzed:	04/06/15	QC Batch: B014474
Date Received:	03/31/15	Method:	EPA 8260B	



Volatile Hydrocarbons by GC/MS

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-03	MW-3s	Benzene	220	5.0
		Toluene	16	5.0
		Ethylbenzene	280	5.0
		m,p-Xylene	320	5.0
		o-Xylene	13	5.0
		1,2-Dichloroethane (EDC)	ND	5.0
		1,2-Dibromoethane (EDB)	ND	5.0
		Tertiary Butyl Alcohol (TBA)	ND	60
		Methyl tert-Butyl Ether (MTBE)	ND	5.0
		Di-isopropyl Ether (DIPE)	ND	5.0
		Ethyl tert-Butyl Ether (ETBE)	ND	5.0
		Tert-Amyl Methyl Ether (TAME)	ND	5.0
Surrogates	Result (µg/L)	% Recovery	Acceptance Range (%)	
Dibromofluoromethane	19.0	95	70-130	
Toluene-d8	20.4	102	70-130	
4-Bromofluorobenzene	21.2	106	70-130	
Date Sampled:	03/31/15	Date Analyzed:	04/06/15	QC Batch: B014474
Date Received:	03/31/15	Method:	EPA 8260B	



Volatile Hydrocarbons by GC/MS

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-04	MW-4s	Benzene	ND	1.0
		Toluene	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		o-Xylene	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,2-Dibromoethane (EDB)	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	19.2	96	70-130
	Toluene-d8	21.6	108	70-130
	4-Bromofluorobenzene	19.5	98	70-130

Date Sampled:	03/31/15	Date Analyzed:	04/06/15	QC Batch:	B014474
Date Received:	03/31/15	Method:	EPA 8260B		

Metals

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-01	MW-1s	Chromium (Cr)	ND	0.010
		Molybdenum (Mo)	ND	0.020
		Vanadium (V)	ND	0.050

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014486
Date Received:	03/31/15	Method:	EPA 6010B		



Metals

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-02	MW-2s	Chromium (Cr)	ND	0.010
		Molybdenum (Mo)	ND	0.020
		Vanadium (V)	ND	0.050

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014486
Date Received:	03/31/15	Method:	EPA 6010B		

Metals

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-03	MW-3s	Chromium (Cr)	0.013	0.010
		Molybdenum (Mo)	ND	0.020
		Vanadium (V)	ND	0.050

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014486
Date Received:	03/31/15	Method:	EPA 6010B		

Metals

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-04	MW-4s	Chromium (Cr)	ND	0.010
		Molybdenum (Mo)	ND	0.020
		Vanadium (V)	ND	0.050

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014486
Date Received:	03/31/15	Method:	EPA 6010B		

Dissolved Oxygen

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-01	MW-1s	Dissolved Oxygen	3.5	0.20

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014487
Date Received:	03/31/15	Method:	SM 4500-O G-2011		



Dissolved Oxygen

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-02	MW-2s	Dissolved Oxygen	5.1	0.20

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014487
Date Received:	03/31/15	Method:	SM 4500-O G-2011		

Dissolved Oxygen

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-03	MW-3s	Dissolved Oxygen	2.8	0.20

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014487
Date Received:	03/31/15	Method:	SM 4500-O G-2011		

Dissolved Oxygen

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-04	MW-4s	Dissolved Oxygen	5.4	0.20

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014487
Date Received:	03/31/15	Method:	SM 4500-O G-2011		

Oxygen Reduction Potential (ORP)

Lab#	Sample ID	Compound Name	Result (mV)	RDL (mV)
5033119-01	MW-1s	Oxidation Reduction Potential (ORP)	350	0.50

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014487
Date Received:	03/31/15	Method:	SM 2580 B-2011		



Oxygen Reduction Potential (ORP)

Lab#	Sample ID	Compound Name	Result (mV)	RDL (mV)
5033119-02	MW-2s	Oxidation Reduction Potential (ORP)	350	0.50

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014487
Date Received:	03/31/15	Method:	SM 2580 B-2011		

Oxygen Reduction Potential (ORP)

Lab#	Sample ID	Compound Name	Result (mV)	RDL (mV)
5033119-03	MW-3s	Oxidation Reduction Potential (ORP)	360	0.50

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014487
Date Received:	03/31/15	Method:	SM 2580 B-2011		

Oxygen Reduction Potential (ORP)

Lab#	Sample ID	Compound Name	Result (mV)	RDL (mV)
5033119-04	MW-4s	Oxidation Reduction Potential (ORP)	350	0.50

Date Sampled:	03/31/15	Date Analyzed:	04/01/15	QC Batch:	B014487
Date Received:	03/31/15	Method:	SM 2580 B-2011		

Bromate

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-01	MW-1s	Bromate	ND	0.005

Date Sampled:	03/31/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	03/31/15	Method:	EPA 300.1		



Bromate

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-02	MW-2s	Bromate	ND	0.005

Date Sampled:	03/31/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	03/31/15	Method:	EPA 300.1		

Bromate

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-03	MW-3s	Bromate	ND	0.005

Date Sampled:	03/31/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	03/31/15	Method:	EPA 300.1		

Bromate

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-04	MW-4s	Bromate	ND	0.005

Date Sampled:	03/31/15	Date Analyzed:	04/10/15	QC Batch:	B014527
Date Received:	03/31/15	Method:	EPA 300.1		

Bromide

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-01	MW-1s	Bromide	0.17	0.010

Date Sampled:	03/31/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	03/31/15	Method:	EPA 300.1		



Bromide

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-02	MW-2s	Bromide	0.27	0.010

Date Sampled:	03/31/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	03/31/15	Method:	EPA 300.1		

Bromide

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-03	MW-3s	Bromide	0.15	0.010

Date Sampled:	03/31/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	03/31/15	Method:	EPA 300.1		

Bromide

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5033119-04	MW-4s	Bromide	0.67	0.025

Date Sampled:	03/31/15	Date Analyzed:	04/10/15	QC Batch:	B014527
Date Received:	03/31/15	Method:	EPA 300.1		

Hexavalent Chromium

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-01	MW-1s	Hexavalent Chromium (Cr+6)	ND	1.0

Date Sampled:	03/31/15	Date Analyzed:	04/08/15	QC Batch:	B014512
Date Received:	03/31/15	Method:	EPA 218.6		



Hexavalent Chromium

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-02	MW-2s	Hexavalent Chromium (Cr+6)	1.5	1.0

Date Sampled:	03/31/15	Date Analyzed:	04/08/15	QC Batch:	B014512
Date Received:	03/31/15	Method:	EPA 218.6		

Hexavalent Chromium

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-03	MW-3s	Hexavalent Chromium (Cr+6)	ND	1.0

Date Sampled:	03/31/15	Date Analyzed:	04/08/15	QC Batch:	B014512
Date Received:	03/31/15	Method:	EPA 218.6		

Hexavalent Chromium

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5033119-04	MW-4s	Hexavalent Chromium (Cr+6)	1.3	1.0

Date Sampled:	03/31/15	Date Analyzed:	04/08/15	QC Batch:	B014512
Date Received:	03/31/15	Method:	EPA 218.6		



Quality Assurance Report

TPH Gasoline

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B014498 - EPA 5030 GC

Blank (B014498-BLK1)

Prepared & Analyzed: 04/06/15

Gasoline	ND	50	µg/L
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Matrix Spike (B014498-MS1)

Source: 5033119-01

Prepared & Analyzed: 04/06/15

Benzene	10.1	0.50	µg/L	10.0	ND	101	70-130
Toluene	9.59	0.50	µg/L	10.0	ND	96	70-130
Ethylbenzene	9.44	0.50	µg/L	10.0	ND	94	70-130
Xylenes	29.1	1.5	µg/L	30.0	ND	97	70-130

Matrix Spike Dup (B014498-MSD1)

Source: 5033119-01

Prepared & Analyzed: 04/06/15

Benzene	10.1	0.50	µg/L	10.0	ND	101	70-130	0.09	20
Toluene	9.46	0.50	µg/L	10.0	ND	95	70-130	1	20
Ethylbenzene	9.44	0.50	µg/L	10.0	ND	94	70-130	0.03	20
Xylenes	29.0	1.5	µg/L	30.0	ND	97	70-130	0.09	20



Volatile Hydrocarbons by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B014474 - EPA 5030 GC/MS										
Blank (B014474-BLK1)				Prepared & Analyzed: 03/26/15						
Benzene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
Ethylbenzene	ND	1.0	µg/L							
m,p-Xylene	ND	1.0	µg/L							
o-Xylene	ND	1.0	µg/L							
1,2-Dichloroethane (EDC)	ND	1.0	µg/L							
1,2-Dibromoethane (EDB)	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>	<i>21.1</i>		<i>µg/L</i>	<i>20.0</i>		<i>105</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>20.0</i>		<i>µg/L</i>	<i>20.0</i>		<i>100</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>20.5</i>		<i>µg/L</i>	<i>20.0</i>		<i>102</i>	<i>70-130</i>			
Matrix Spike (B014474-MS1)				Source: 5032601-02	Prepared & Analyzed: 03/26/15					
1,1-Dichloroethene (1,1-DCE)	26.9	1.0	µg/L	25.0	ND	108	70-130			
Benzene	26.6	1.0	µg/L	25.0	ND	106	70-130			
Trichloroethene (TCE)	26.5	1.0	µg/L	25.0	ND	106	70-130			
Toluene	29.6	1.0	µg/L	25.0	ND	118	70-130			
Chlorobenzene	24.7	1.0	µg/L	25.0	ND	99	70-130			
<i>Surrogate: Dibromofluoromethane</i>	<i>19.4</i>		<i>µg/L</i>	<i>20.0</i>		<i>97</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>21.9</i>		<i>µg/L</i>	<i>20.0</i>		<i>109</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>20.3</i>		<i>µg/L</i>	<i>20.0</i>		<i>102</i>	<i>70-130</i>			
Matrix Spike Dup (B014474-MSD1)				Source: 5032601-02	Prepared & Analyzed: 03/26/15					
1,1-Dichloroethene (1,1-DCE)	27.0	1.0	µg/L	25.0	ND	108	70-130	0.3	20	
Benzene	26.6	1.0	µg/L	25.0	ND	106	70-130	0.04	20	
Trichloroethene (TCE)	26.6	1.0	µg/L	25.0	ND	106	70-130	0.2	20	
Toluene	29.2	1.0	µg/L	25.0	ND	117	70-130	1	20	
Chlorobenzene	24.6	1.0	µg/L	25.0	ND	98	70-130	0.5	20	
<i>Surrogate: Dibromofluoromethane</i>	<i>19.2</i>		<i>µg/L</i>	<i>20.0</i>		<i>96</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>21.6</i>		<i>µg/L</i>	<i>20.0</i>		<i>108</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>20.0</i>		<i>µg/L</i>	<i>20.0</i>		<i>100</i>	<i>70-130</i>			



Metals

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B014486 - EPA 3010A										
Blank (B014486-BLK1)				Prepared & Analyzed: 04/01/15						
Chromium (Cr)	ND	0.010	mg/L							
Molybdenum (Mo)	ND	0.020	mg/L							
Vanadium (V)	ND	0.050	mg/L							
LCS (B014486-BS1)				Prepared & Analyzed: 04/01/15						
Chromium (Cr)	0.553	0.010	mg/L	0.500		111	70-130			
Molybdenum (Mo)	0.529	0.020	mg/L	0.500		106	70-130			
Vanadium (V)	0.538	0.050	mg/L	0.500		108	70-130			
LCS Dup (B014486-BSD1)				Prepared & Analyzed: 04/01/15						
Chromium (Cr)	0.552	0.010	mg/L	0.500		110	70-130	0.09	20	
Molybdenum (Mo)	0.530	0.020	mg/L	0.500		106	70-130	0.2	20	
Vanadium (V)	0.538	0.050	mg/L	0.500		108	70-130	0.1	20	



Dissolved Oxygen

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B014487 - NO PREP										
Duplicate (B014487-DUP1)		Source: 5033119-01			Prepared & Analyzed: 04/01/15					
Dissolved Oxygen	3.50	0.20	mg/L		3.51			0.3	15	



Oxygen Reduction Potential (ORP)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B014487 - NO PREP

Duplicate (B014487-DUP1)	Source: 5033119-01			Prepared & Analyzed: 04/01/15						
Oxidation Reduction Potential (ORP)	350	0.50	mV		352			0.6	15	



Bromate

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B014527 - NO PREP										
Blank (B014527-BLK1)				Prepared & Analyzed: 04/09/15						
Bromate	ND	0.002	mg/L							
LCS (B014527-BS1)				Prepared & Analyzed: 04/09/15						
Bromate	0.020	0.002	mg/L	0.0200		102	85-115			
Matrix Spike (B014527-MS1)				Source: 5040710-01			Prepared & Analyzed: 04/09/15			
Bromate	0.036	0.005	mg/L	0.0400	ND	90	75-125			
Matrix Spike (B014527-MS2)				Source: 5040117-05			Prepared: 04/09/15 Analyzed: 04/10/15			
Bromate	0.089	0.012	mg/L	0.100	ND	89	75-125			



Bromide

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B014527 - NO PREP										
Blank (B014527-BLK1)				Prepared & Analyzed: 04/09/15						
Bromide	ND	0.005	mg/L							
LCS (B014527-BS1)				Prepared & Analyzed: 04/09/15						
Bromide	0.051	0.005	mg/L	0.0500		101	85-115			
Matrix Spike (B014527-MS1)		Source: 5040710-01		Prepared & Analyzed: 04/09/15						
Bromide	0.160	0.010	mg/L	0.100	0.056	104	75-125			
Matrix Spike (B014527-MS2)		Source: 5040117-05		Prepared: 04/09/15 Analyzed: 04/10/15						
Bromide	0.538	0.025	mg/L	0.250	0.270	107	75-125			



Hexavalent Chromium

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
Batch B014512 - NO PREP										
Blank (B014512-BLK1)										
					Prepared & Analyzed: 04/08/15					
Hexavalent Chromium (Cr+6)	ND	1.0	µg/L							
LCS (B014512-BS1)										
					Prepared & Analyzed: 04/08/15					
Hexavalent Chromium (Cr+6)	9.93	1.0	µg/L	10.0		99	90-110			
Matrix Spike (B014512-MS1)										
					Source: 5033006-02		Prepared & Analyzed: 04/08/15			
Hexavalent Chromium (Cr+6)	10.3	1.0	µg/L	10.0	ND	103	85-115			
Matrix Spike Dup (B014512-MSD1)										
					Source: 5033006-02		Prepared & Analyzed: 04/08/15			
Hexavalent Chromium (Cr+6)	10.2	1.0	µg/L	10.0	ND	102	85-115	1	20	



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
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 Fax (707) 769-8093

CHAIN OF CUSTODY

LAB PROJECT NUMBER: 5033119
 CLIENT'S PROJECT NAME: 325 YOLANDA AVE

CLIENT'S PROJECT NUMBER:

CLIENT INFORMATION

COMPANY NAME: ENVIRONMENTAL GEOLOGY SERVICES
 ADDRESS: 1695 WILLOWSIDE ROAD
 SANTA ROSA, CA 95401
 CONTACT: MARC W. SEELEY
 PHONE#: 707-528-0810
 FAX #: 707-528-1956

TURNAROUND TIME (check one)

MOBILE LAB _____
 SAME DAY _____ 72 HOURS _____
 48 HOURS _____ 24 HOURS _____
 5 DAYS _____ NORMAL

GEOTRACKER EDF: Y N
 GLOBAL ID: _____

COOLER TEMPERATURE
 16.0 °C
 COC _____
 PAGE 1 OF 1

ANALYSIS

ITEM	CLIENT SAMPLE I.D.	DATE SAMPLED	TIME	MATRIX	# CONT.	PRESV. YES/NO	TPH-G	8260 BTEX, Olys & Pb Scavengers	Cr, Mo, Se & V	Hex-Chrome	Bromate Bromide	Diss. Oxygen	ORP	COMMENTS	LAB SAMPLE #
1	Mw-1s	3/31/15	1225	1420	8	7/2	X	X	X	X	X	X	X		5033119-01
2	Mw-2s		1309												-02
3	Mw-3s		1455												-03
4	Mw-4		1345												-04
5	B-15														
6	B-16														
7	B-17														
8	B-27														
9	Mw-3d														
10															
11															

SIGNATURES

RELINQUISHED BY: _____
 SIGNATURE _____

SAMPLED BY: DAVID BISH
 DATE 3/31/15 TIME 1612

RECEIVED BY LABORATORY: _____
 SIGNATURE _____ DATE 3/31/15 TIME 1612



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

Analytical Report

Client: Analytical Sciences
Project: #5033119; 325 Yolanda Ave
Date Received: 4/1/15 13:01
Date Prepared: 4/2/15

WorkOrder: 1504025
Extraction Method: E200.8
Analytical Method: E200.8
Unit: µg/L

Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-1s	1504025-001A	Water	03/31/2015 12:25	ICP-MS1	103126

Analytes	Result	RL	DF	Date Analyzed
Selenium	ND	5.0	1	04/02/2015 16:37

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-2s	1504025-002A	Water	03/31/2015 13:09	ICP-MS1	103126

Analytes	Result	RL	DF	Date Analyzed
Selenium	ND	5.0	1	04/02/2015 16:42

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-3s	1504025-003A	Water	03/31/2015 14:55	ICP-MS1	103126

Analytes	Result	RL	DF	Date Analyzed
Selenium	ND	5.0	1	04/02/2015 16:47

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-4	1504025-004A	Water	03/31/2015 13:45	ICP-MS1	103126

Analytes	Result	RL	DF	Date Analyzed
Selenium	ND	5.0	1	04/02/2015 16:52

Analyst(s): DVH



Analytical Sciences
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1504025

CHAIN OF CUSTODY

SUBCONTRACT LAB: **McC Campbell Analytical**
 AS Project Name: 325 Yolanda Ave
 AS Project Number: 5633119

CLIENT INFORMATION

Company Name: ANALYTICAL SCIENCES
 Address: P.O. BOX 750336
PETALUMA, CA 94975-0336
 Contact: MARK VALENTINI
 Phone #: 707-769-3128
 Fax #: 707-769-8093

email: analytical110@aol.com

TURNAROUND TIME (check one)

Same Day _____ 72 Hours _____
 48 Hours _____ 24 Hours _____
 5 Days Normal _____

EDT Required: Yes _____ No _____
 System ID: _____

Page 1 of 1

Item	Client Sample ID	Date Sampled	Time	Matrix	# Cont.	Presv. Y/N	ANALYSIS					Comments	Lab Sample #
							Arsenic by 200.8	Lead by 200.8	Selenium by 200.8	Antimony by 200.8	Thallium by 200.8		
✓ 1	MW-1s	3/31/15	1225	W	1	Y		X				5033119	-01
✓ 2	MW-2s	↓	1309	↓	↓	↓	X					↓	-02
⊗ 3	MW-3s	↓	1455	↓	↓	↓	X					↓	-03
4	MW-4	↓	1345	↓	↓	↓	X					↓	-04
5													
6													
7													
8													
9													
10													

SIGNATURES

Relinquished By: [Signature] Date: 4/1/15 Time: 0900

Received By: [Signature] Date: 4-1-15 Time: 0900

Signature: [Signature] Date: 4/1/15 Time: 1210



Report Date: April 16, 2015

Laboratory Report

Marc Seeley
Environmental Geology Services, Inc.
1695 Willowside Road
Santa Rosa, CA 95401

Project Name: **325 Yolanda Ave.** **451.0711**
Lab Project Number: **5040117**

This 24 page report of analytical data has been reviewed and approved for release.

Mark A. Valentini, Ph.D.

Laboratory Director



TPH Gasoline

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-01	B-15	Gasoline	4300	50

Date Sampled:	04/01/15	Date Analyzed:	04/06/15	QC Batch:	B014498
Date Received:	04/01/15	Method:	EPA 8015B		

TPH Gasoline

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-02	B-16	Gasoline	1800	50

Date Sampled:	04/01/15	Date Analyzed:	04/06/15	QC Batch:	B014498
Date Received:	04/01/15	Method:	EPA 8015B		

TPH Gasoline

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-03	B-17	Gasoline	3200	50

Date Sampled:	04/01/15	Date Analyzed:	04/06/15	QC Batch:	B014498
Date Received:	04/01/15	Method:	EPA 8015B		

TPH Gasoline

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-04	B-27	Gasoline	6200	50

Date Sampled:	04/01/15	Date Analyzed:	04/06/15	QC Batch:	B014498
Date Received:	04/01/15	Method:	EPA 8015B		



TPH Gasoline

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-05	MW-3d	Gasoline	200	50

Date Sampled:	04/01/15	Date Analyzed:	04/06/15	QC Batch: B014498
Date Received:	04/01/15	Method:	EPA 8015B	

Volatile Hydrocarbons by GC/MS

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-01	B-15	Benzene	540	10
		Toluene	32	1.0
		Ethylbenzene	11	1.0
		m,p-Xylene	25	1.0
		o-Xylene	1.4	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,2-Dibromoethane (EDB)	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	20.4	102	70-130
Toluene-d8	22.3	111	70-130
4-Bromofluorobenzene	21.5	108	70-130

Date Sampled:	04/01/15	Date Analyzed:	04/06/15	QC Batch: B014474
Date Received:	04/01/15	Method:	EPA 8260B	



Volatile Hydrocarbons by GC/MS

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-02	B-16	Benzene	130	5.0
		Toluene	6.6	1.0
		Ethylbenzene	3.0	1.0
		m,p-Xylene	3.6	1.0
		o-Xylene	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,2-Dibromoethane (EDB)	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	18.1	90	70-130	
Toluene-d8	22.4	112	70-130	
4-Bromofluorobenzene	21.6	108	70-130	

Date Sampled:	04/01/15	Date Analyzed:	04/06/15	QC Batch:	B014474
Date Received:	04/01/15	Method:	EPA 8260B		



Volatile Hydrocarbons by GC/MS

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-03	B-17	Benzene	66	1.0
		Toluene	5.6	1.0
		Ethylbenzene	3.5	1.0
		m,p-Xylene	7.4	1.0
		o-Xylene	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,2-Dibromoethane (EDB)	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	20.7	103	70-130	
Toluene-d8	21.5	107	70-130	
4-Bromofluorobenzene	21.6	108	70-130	

Date Sampled:	04/01/15	Date Analyzed:	04/06/15	QC Batch:	B014474
Date Received:	04/01/15	Method:	EPA 8260B		



Volatile Hydrocarbons by GC/MS

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-04	B-27	Benzene	250	10
		Toluene	11	10
		Ethylbenzene	470	10
		m,p-Xylene	190	10
		o-Xylene	ND	10
		1,2-Dichloroethane (EDC)	ND	10
		1,2-Dibromoethane (EDB)	ND	10
		Tertiary Butyl Alcohol (TBA)	ND	120
		Methyl tert-Butyl Ether (MTBE)	13	10
		Di-isopropyl Ether (DIPE)	ND	10
		Ethyl tert-Butyl Ether (ETBE)	ND	10
		Tert-Amyl Methyl Ether (TAME)	ND	10
Surrogates	Result (µg/L)	% Recovery	Acceptance Range (%)	
Dibromofluoromethane	17.5	87	70-130	
Toluene-d8	21.0	105	70-130	
4-Bromofluorobenzene	19.5	97	70-130	

Date Sampled:	04/01/15	Date Analyzed:	04/06/15	QC Batch:	B014474
Date Received:	04/01/15	Method:	EPA 8260B		



Volatile Hydrocarbons by GC/MS

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)	
5040117-05	MW-3d	Benzene	ND (2)	1.0	
		Toluene	ND	1.0	
		Ethylbenzene	ND	1.0	
		m,p-Xylene	ND	1.0	
		o-Xylene	ND	1.0	
		1,2-Dichloroethane (EDC)	1.4	1.0	
		1,2-Dibromoethane (EDB)	ND	1.0	
		Tertiary Butyl Alcohol (TBA)	ND	12	
		Methyl tert-Butyl Ether (MTBE)	6.2	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	17.6	88	70-130
		Toluene-d8	20.6	103	70-130
		4-Bromofluorobenzene	21.0	105	70-130

Date Sampled:	04/01/15	Date Analyzed:	04/06/15	QC Batch:	B014474
Date Received:	04/01/15	Method:	EPA 8260B		

Metals

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-01	B-15	Chromium (Cr)	ND	0.010
		Molybdenum (Mo)	ND	0.020
		Vanadium (V)	ND	0.050

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014493
Date Received:	04/01/15	Method:	EPA 6010B		



Metals

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-02	B-16	Chromium (Cr)	ND	0.010
		Molybdenum (Mo)	ND	0.020
		Vanadium (V)	ND	0.050

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014493
Date Received:	04/01/15	Method:	EPA 6010B		

Metals

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-03	B-17	Chromium (Cr)	ND	0.010
		Molybdenum (Mo)	ND	0.020
		Vanadium (V)	ND	0.050

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014493
Date Received:	04/01/15	Method:	EPA 6010B		

Metals

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-04	B-27	Chromium (Cr)	ND	0.010
		Molybdenum (Mo)	ND	0.020
		Vanadium (V)	ND	0.050

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014493
Date Received:	04/01/15	Method:	EPA 6010B		



Metals

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-05	MW-3d	Chromium (Cr)	0.013	0.010
		Molybdenum (Mo)	ND	0.020
		Vanadium (V)	ND	0.050

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014493
Date Received:	04/01/15	Method:	EPA 6010B		

Dissolved Oxygen

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-01	B-15	Dissolved Oxygen	3.0	0.20

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014487
Date Received:	04/01/15	Method:	SM 4500-O G-2011		

Dissolved Oxygen

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-02	B-16	Dissolved Oxygen	3.5	0.20

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014487
Date Received:	04/01/15	Method:	SM 4500-O G-2011		

Dissolved Oxygen

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-03	B-17	Dissolved Oxygen	2.6	0.20

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014487
Date Received:	04/01/15	Method:	SM 4500-O G-2011		



Dissolved Oxygen

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-04	B-27	Dissolved Oxygen	2.1	0.20

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014487
Date Received:	04/01/15	Method:	SM 4500-O G-2011		

Dissolved Oxygen

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-05	MW-3d	Dissolved Oxygen	2.8	0.20

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014487
Date Received:	04/01/15	Method:	SM 4500-O G-2011		

Oxygen Reduction Potential (ORP)

Lab#	Sample ID	Compound Name	Result (mV)	RDL (mV)
5040117-01	B-15	Oxidation Reduction Potential (ORP)	240	0.50

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014487
Date Received:	04/01/15	Method:	SM 2580 B-2011		

Oxygen Reduction Potential (ORP)

Lab#	Sample ID	Compound Name	Result (mV)	RDL (mV)
5040117-02	B-16	Oxidation Reduction Potential (ORP)	210	0.50

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014487
Date Received:	04/01/15	Method:	SM 2580 B-2011		



Oxygen Reduction Potential (ORP)

Lab#	Sample ID	Compound Name	Result (mV)	RDL (mV)
5040117-03	B-17	Oxidation Reduction Potential (ORP)	200	0.50

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014487
Date Received:	04/01/15	Method:	SM 2580 B-2011		

Oxygen Reduction Potential (ORP)

Lab#	Sample ID	Compound Name	Result (mV)	RDL (mV)
5040117-04	B-27	Oxidation Reduction Potential (ORP)	210	0.50

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014487
Date Received:	04/01/15	Method:	SM 2580 B-2011		

Oxygen Reduction Potential (ORP)

Lab#	Sample ID	Compound Name	Result (mV)	RDL (mV)
5040117-05	MW-3d	Oxidation Reduction Potential (ORP)	200	0.50

Date Sampled:	04/01/15	Date Analyzed:	04/02/15	QC Batch:	B014487
Date Received:	04/01/15	Method:	SM 2580 B-2011		

Bromate

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-01	B-15	Bromate	ND	0.005

Date Sampled:	04/01/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	04/01/15	Method:	EPA 300.1		



Bromate

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-02	B-16	Bromate	ND	0.005

Date Sampled:	04/01/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	04/01/15	Method:	EPA 300.1		

Bromate

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-03	B-17	Bromate	ND	0.005

Date Sampled:	04/01/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	04/01/15	Method:	EPA 300.1		

Bromate

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-04	B-27	Bromate	ND	0.005

Date Sampled:	04/01/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	04/01/15	Method:	EPA 300.1		

Bromate

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-05	MW-3d	Bromate	ND	0.005

Date Sampled:	04/01/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	04/01/15	Method:	EPA 300.1		



Bromide

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-01	B-15	Bromide	0.16	0.010

Date Sampled:	04/01/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	04/01/15	Method:	EPA 300.1		

Bromide

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-02	B-16	Bromide	0.084	0.010

Date Sampled:	04/01/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	04/01/15	Method:	EPA 300.1		

Bromide

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-03	B-17	Bromide	0.16	0.010

Date Sampled:	04/01/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	04/01/15	Method:	EPA 300.1		

Bromide

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-04	B-27	Bromide	0.16	0.010

Date Sampled:	04/01/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	04/01/15	Method:	EPA 300.1		



Bromide

Lab#	Sample ID	Compound Name	Result (mg/L)	RDL (mg/L)
5040117-05	MW-3d	Bromide	0.27	0.025

Date Sampled:	04/01/15	Date Analyzed:	04/09/15	QC Batch:	B014527
Date Received:	04/01/15	Method:	EPA 300.1		

Hexavalent Chromium

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-01	B-15	Hexavalent Chromium (Cr+6)	ND	1.0

Date Sampled:	04/01/15	Date Analyzed:	04/08/15	QC Batch:	B014512
Date Received:	04/01/15	Method:	EPA 218.6		

Hexavalent Chromium

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-02	B-16	Hexavalent Chromium (Cr+6)	ND	1.0

Date Sampled:	04/01/15	Date Analyzed:	04/08/15	QC Batch:	B014512
Date Received:	04/01/15	Method:	EPA 218.6		

Hexavalent Chromium

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-03	B-17	Hexavalent Chromium (Cr+6)	ND	1.0

Date Sampled:	04/01/15	Date Analyzed:	04/08/15	QC Batch:	B014512
Date Received:	04/01/15	Method:	EPA 218.6		



Hexavalent Chromium

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-04	B-27	Hexavalent Chromium (Cr+6)	ND	1.0

Date Sampled:	04/01/15	Date Analyzed:	04/08/15	QC Batch:	B014512
Date Received:	04/01/15	Method:	EPA 218.6		

Hexavalent Chromium

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
5040117-05	MW-3d	Hexavalent Chromium (Cr+6)	ND	1.0

Date Sampled:	04/01/15	Date Analyzed:	04/08/15	QC Batch:	B014512
Date Received:	04/01/15	Method:	EPA 218.6		



Quality Assurance Report

TPH Gasoline

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B014498 - EPA 5030 GC

Blank (B014498-BLK1)

Prepared & Analyzed: 04/06/15

Gasoline	ND	50	µg/L
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Matrix Spike (B014498-MS1)

Source: 5033119-01

Prepared & Analyzed: 04/06/15

Benzene	10.1	0.50	µg/L	10.0	ND	101	70-130
Toluene	9.59	0.50	µg/L	10.0	ND	96	70-130
Ethylbenzene	9.44	0.50	µg/L	10.0	ND	94	70-130
Xylenes	29.1	1.5	µg/L	30.0	ND	97	70-130

Matrix Spike Dup (B014498-MSD1)

Source: 5033119-01

Prepared & Analyzed: 04/06/15

Benzene	10.1	0.50	µg/L	10.0	ND	101	70-130	0.09	20
Toluene	9.46	0.50	µg/L	10.0	ND	95	70-130	1	20
Ethylbenzene	9.44	0.50	µg/L	10.0	ND	94	70-130	0.03	20
Xylenes	29.0	1.5	µg/L	30.0	ND	97	70-130	0.09	20



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 B014474 - EPA 5030 GC/MS

Blank (B014474-BLK1)

Prepared & Analyzed: 03/26/15

Benzene	ND	1.0	µg/L						
Toluene	ND	1.0	µg/L						
Ethylbenzene	ND	1.0	µg/L						
m,p-Xylene	ND	1.0	µg/L						
o-Xylene	ND	1.0	µg/L						
1,2-Dichloroethane (EDC)	ND	1.0	µg/L						
1,2-Dibromoethane (EDB)	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>	21.1		µg/L	20.0		105	70-130		
<i>Surrogate: Toluene-d8</i>	20.0		µg/L	20.0		100	70-130		
<i>Surrogate: 4-Bromofluorobenzene</i>	20.5		µg/L	20.0		102	70-130		

Matrix Spike (B014474-MS1)

Source: 5032601-02

Prepared & Analyzed: 03/26/15

1,1-Dichloroethene (1,1-DCE)	26.9	1.0	µg/L	25.0	ND	108	70-130		
Benzene	26.6	1.0	µg/L	25.0	ND	106	70-130		
Trichloroethene (TCE)	26.5	1.0	µg/L	25.0	ND	106	70-130		
Toluene	29.6	1.0	µg/L	25.0	ND	118	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>	21.9		µg/L	20.0		109	70-130		
<i>Surrogate: 4-Bromofluorobenzene</i>	20.3		µg/L	20.0		102	70-130		

Matrix Spike Dup (B014474-MSD1)

Source: 5032601-02

Prepared & Analyzed: 03/26/15

1,1-Dichloroethene (1,1-DCE)	27.0	1.0	µg/L	25.0	ND	108	70-130	0.3	20
Benzene	26.6	1.0	µg/L	25.0	ND	106	70-130	0.04	20
Trichloroethene (TCE)	26.6	1.0	µg/L	25.0	ND	106	70-130	0.2	20
Toluene	29.2	1.0	µg/L	25.0	ND	117	70-130	1	20
Chlorobenzene	24.6	1.0	µg/L	25.0	ND	98	70-130	0.5	20

<i>Surrogate: Dibromofluoromethane</i>	19.2		µg/L	20.0		96	70-130		
<i>Surrogate: Toluene-d8</i>	21.6		µg/L	20.0		108	70-130		
<i>Surrogate: 4-Bromofluorobenzene</i>	20.0		µg/L	20.0		100	70-130		



Metals

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B014493 - EPA 3010A										
Blank (B014493-BLK1)				Prepared & Analyzed: 04/02/15						
Chromium (Cr)	ND	0.010	mg/L							
Molybdenum (Mo)	ND	0.020	mg/L							
Vanadium (V)	ND	0.050	mg/L							
Matrix Spike (B014493-MS1)				Source: 5040117-01		Prepared & Analyzed: 04/02/15				
Chromium (Cr)	0.509	0.010	mg/L	0.500	0.005	101	70-130			
Molybdenum (Mo)	0.527	0.020	mg/L	0.500	ND	105	70-130			
Vanadium (V)	0.563	0.050	mg/L	0.500	ND	113	70-130			
Matrix Spike (B014493-MS2)				Source: 5040117-02		Prepared & Analyzed: 04/02/15				
Chromium (Cr)	0.504	0.010	mg/L	0.500	0.004	100	70-130			
Molybdenum (Mo)	0.519	0.020	mg/L	0.500	ND	104	70-130			
Vanadium (V)	0.561	0.050	mg/L	0.500	ND	112	70-130			



Dissolved Oxygen

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B014487 - NO PREP										
Duplicate (B014487-DUP1)										
Source: 5033119-01 Prepared & Analyzed: 04/01/15										
Dissolved Oxygen	3.50	0.20	mg/L		3.51			0.3	15	



Oxygen Reduction Potential (ORP)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B014487 - NO PREP

Duplicate (B014487-DUP1)	Source: 5033119-01			Prepared & Analyzed: 04/01/15						
Oxidation Reduction Potential (ORP)	350	0.50	mV		352			0.6	15	



Bromate

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B014527 - NO PREP										
Blank (B014527-BLK1)				Prepared & Analyzed: 04/09/15						
Bromate	ND	0.002	mg/L							
LCS (B014527-BS1)				Prepared & Analyzed: 04/09/15						
Bromate	0.020	0.002	mg/L	0.0200		102	85-115			
Matrix Spike (B014527-MS1)		Source: 5040710-01		Prepared & Analyzed: 04/09/15						
Bromate	0.036	0.005	mg/L	0.0400	ND	90	75-125			
Matrix Spike (B014527-MS2)		Source: 5040117-05		Prepared: 04/09/15 Analyzed: 04/10/15						
Bromate	0.089	0.012	mg/L	0.100	ND	89	75-125			



Bromide

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B014527 - NO PREP										
Blank (B014527-BLK1)										
				Prepared & Analyzed: 04/09/15						
Bromide	ND	0.005	mg/L							
LCS (B014527-BS1)										
				Prepared & Analyzed: 04/09/15						
Bromide	0.051	0.005	mg/L	0.0500		101	85-115			
Matrix Spike (B014527-MS1)										
				Source: 5040710-01			Prepared & Analyzed: 04/09/15			
Bromide	0.160	0.010	mg/L	0.100	0.056	104	75-125			
Matrix Spike (B014527-MS2)										
				Source: 5040117-05			Prepared: 04/09/15 Analyzed: 04/10/15			
Bromide	0.538	0.025	mg/L	0.250	0.270	107	75-125			



Hexavalent Chromium

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
Batch B014512 - NO PREP										
Blank (B014512-BLK1)										
					Prepared & Analyzed: 04/08/15					
Hexavalent Chromium (Cr+6)	ND	1.0	µg/L							
LCS (B014512-BS1)										
					Prepared & Analyzed: 04/08/15					
Hexavalent Chromium (Cr+6)	9.93	1.0	µg/L	10.0		99	90-110			
Matrix Spike (B014512-MS1)										
					Source: 5033006-02		Prepared & Analyzed: 04/08/15			
Hexavalent Chromium (Cr+6)	10.3	1.0	µg/L	10.0	ND	103	85-115			
Matrix Spike Dup (B014512-MSD1)										
					Source: 5033006-02		Prepared & Analyzed: 04/08/15			
Hexavalent Chromium (Cr+6)	10.2	1.0	µg/L	10.0	ND	102	85-115	1	20	



Notes and Definitions

(2) The following additional compounds were detected: 1,1-Dichloroethene (2.6 ug/L), cis-1,2-Dichloroethene (3.7 ug/L), Trichloroethene (6.7 ug/L).

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: 504017

CLIENT'S PROJECT NAME: 325 Yolanda Ave

CLIENT INFORMATION

COMPANY NAME: ENVIRONMENTAL GEOLOGY SERVICES

ADDRESS: 1695 WILLOWSIDE ROAD

SANTA ROSA, CA 95401

CONTACT: MARC W. SEELEY

PHONE#: 707-528-0810

FAX #: 707-528-1956

TURNAROUND TIME (check one)

MOBILE LAB _____

SAME DAY _____

48 HOURS _____

5 DAYS _____

72 HOURS _____

24 HOURS _____

NORMAL

GEOTRACKER EDF: Y N

GLOBAL ID: _____

COOLER TEMPERATURE

100 °C

COC

PAGE 1 OF 1

ANALYSIS

ITEM	CLIENT SAMPLE I.D.	DATE SAMPLED	TIME	MATRIX	# CONT.	PRESV. YES/NO	TPH-G	8260 BTEX, OxyS & Pb Scavengers	Cr, Mo, Se & V	Hex-Chrome	Bromate	Diss. Oxygen	ORP	COMMENTS	LAB SAMPLE #
1	B-15	4/1/15	1124	H2O	8	4/2	X	X	X	X	X	X	X	5040117	-01
2	B-16		1237				X	X	X	X	X	X			-02
3	B-17		1357				X	X	X	X	X	X			-03
4	B-27		1458				X	X	X	X	X	X			-04
5	MW-3cd		1057				X	X	X	X	X	X			-05
6															
7															
8															
9															
10															
11															

SIGNATURES

SAMPLED BY: DAVID BSH

4/1/15 1540

RELINQUISHED BY:

RECEIVED BY LABORATORY:

4/1/15 1540

4/2/15 1540

SIGNATURE

TIME

SIGNATURE

DATE

TIME



Analytical Report

Client: Analytical Sciences
Project: #5040117; 325 Yolanda Ave
Date Received: 4/2/15 21:14
Date Prepared: 4/3/15

WorkOrder: 1504114
Extraction Method: E200.8
Analytical Method: E200.8
Unit: µg/L

Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-15	1504114-001A	Water	04/01/2015 11:24	ICP-MS1	103147

Analytes	Result	RL	DF	Date Analyzed
Selenium	ND	5.0	1	04/03/2015 12:22

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-16	1504114-002A	Water	04/01/2015 12:37	ICP-MS1	103147

Analytes	Result	RL	DF	Date Analyzed
Selenium	ND	5.0	1	04/03/2015 12:27

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-17	1504114-003A	Water	04/01/2015 13:57	ICP-MS1	103147

Analytes	Result	RL	DF	Date Analyzed
Selenium	ND	5.0	1	04/03/2015 12:32

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
B-27	1504114-004A	Water	04/01/2015 14:58	ICP-MS1	103147

Analytes	Result	RL	DF	Date Analyzed
Selenium	ND	5.0	1	04/03/2015 12:37

Analyst(s): DVH

(Cont.)



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client: Analytical Sciences
Project: #5040117; 325 Yolanda Ave
Date Received: 4/2/15 21:14
Date Prepared: 4/3/15

WorkOrder: 1504114
Extraction Method: E200.8
Analytical Method: E200.8
Unit: µg/L

Metals

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
MW-3D	1504114-005A	Water	04/01/2015 10:51	ICP-MS1	103147

Analytes	Result	RL	DF	Date Analyzed
Selenium	ND	5.0	1	04/03/2015 12:42

Analyst(s): DVH



Analytical Sciences
 P.O. Box 750336, Petaluma, CA 94975-0336
 110 Liberty Street, Petaluma, CA 94952
 (707) 769-3128
 Fax (707) 769-8093

1504114

CHAIN OF CUSTODY

SUBCONTRACT LAB: **McC Campbell Analytical**
 AS Project Name: 325 Yolanda Ave
 AS Project Number: 5040117

CLIENT INFORMATION	
Company Name:	ANALYTICAL SCIENCES
Address:	P.O. BOX 750336 PETALUMA, CA 94975-0336
Contact:	MARK VALENTINI
Phone #:	707-769-3128
Fax #:	707-769-8093

email: analytical110@aol.com

TURNAROUND TIME (check one)	
Same Day	<input type="checkbox"/>
48 Hours	<input type="checkbox"/>
5 Days	<input checked="" type="checkbox"/>
Normal	<input type="checkbox"/>

EDT Required: Yes No
 System ID:

Page 1 of 1

Item	Client Sample ID	Date Sampled	Time	Matrix	# Cont.	Presv. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	ANALYSIS					Comments	Lab Sample #
							Arsenic by 200.8	Lead by 200.8	Selenium by 200.8	Antimony by 200.8	Thallium by 200.8		
1	B-15	4/1/15	1124	W	1	Y						5040117	-01
2	B-16	↓	1237	↓	↓	↓							-02
3	B-17	↓	1357	↓	↓	↓							-03
4	B-27	↓	1458	↓	↓	↓							-04
5	MW-3d	↓	1051	↓	↓	↓							-05
6													
7													
8													
9													
10													

ICE / °C: 3
 GOOD CONDITION: APPROPRIATE CONTAINERS
 HEAD SPACE/ABSENT: PRESERVED IN LAB
 DECONTAMINATED IN LAB: PRESERVED IN LAB
 VOAS: METALS: OTHER:
 PRESERVATION:

SIGNATURES	
Relinquished By: <u>[Signature]</u>	Date: <u>4/2/15</u> Time: <u>0900</u>
Received By: <u>[Signature]</u>	Date: <u>4-2-15</u> Time: <u>0900</u>

AGUSTINA V.

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR SONOMA COUNTY

CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER
HULSMAN LEASING CO.
325 YOLANDA AVE

SANTA ROSA

CA 95402

II FACILITY

HULSMAN TRANS
325 YOLANDA AVE
SANTA ROSA

CA 95402

MAILING ADDRESS
TOWNSHIP/RANGE/SECTION
PO BOX 423
SANTA ROSA

CA 95402

DEALER/FOREMAN/SUPERVISOR
TELEPHONE

LARRY HULSMAN

(707) 546-1086

TYPE OF BUSINESS
NO. OF CONTAINERS

TRUCKING CO.

3

CROSS STREET :
SANTA ROSA AV.

III 24-HR. CONTACT PERSON / TELEPHONE
DAY: HULSMAN, LARRY

(707) 546-1086

NIGHT:

(707) 525-0286

***** OWNER ASSIGNED CONTAINER NUMBER: 1

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00600012134001 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: UNK
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 8,000

E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: DIESEL

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
D. MATERIAL : UNKNOWN
E. LINING : UNKNOWN
F. WRAPPING : UNKNOWN
B. VAULTING; NON-VAULTED
C. WALLING: UNKNOWN

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION

VISUAL STOCK INVENTORY

URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12034 DIESEL MOTOR VEHICLE FUEL

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR SONOMA COUNTY

CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 2

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000012134002 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: UNK
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 4,000

E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: DIESEL

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS: B. VAULTING: NON-VAULTED C. WALLING: UNKNOWN
D. MATERIAL : UNKNOWN
E. LINING : UNKNOWN
F. WRAPPING : UNKNOWN

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION

VISUAL STOCK INVENTORY

P

URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12034 DIESEL MOTOR VEHICLE FUEL

***** OWNER ASSIGNED CONTAINER NUMBER: 3

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000012134003 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: UNK
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 500

E. REPAIRS : UNKN IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : WASTE
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: WASTE OIL

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS: B. VAULTING: NON-VAULTED C. WALLING: UNKNOWN
D. MATERIAL : UNKNOWN
E. LINING : UNKNOWN
F. WRAPPING : UNKNOWN

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING :
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION

VISUAL STOCK INVENTORY

P

URE TEST COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12035 WASTE OIL

City of Santa Rosa Parcel Report

044-041-010

4/26/2018 7:06:43 PM

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

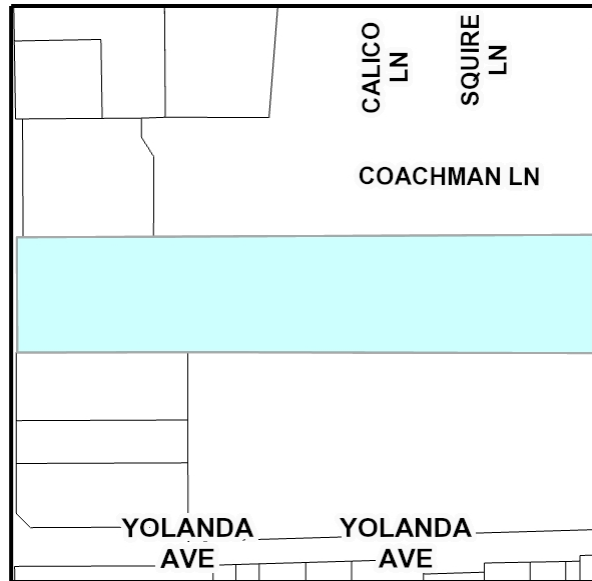
Built:

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

4/26/2018 7:05:58 PM

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

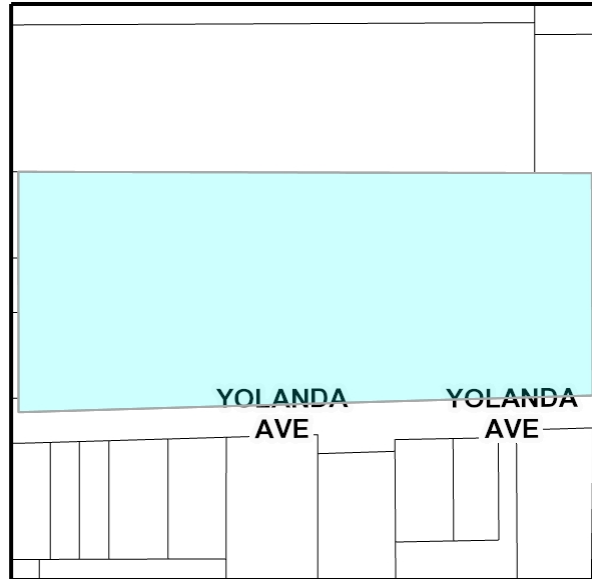
Built: 1947

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

Division of Oil, Gas & Geothermal Resources - Well Finder

Find By Location

Find My Current Location

or

Street:

City:

Zip:

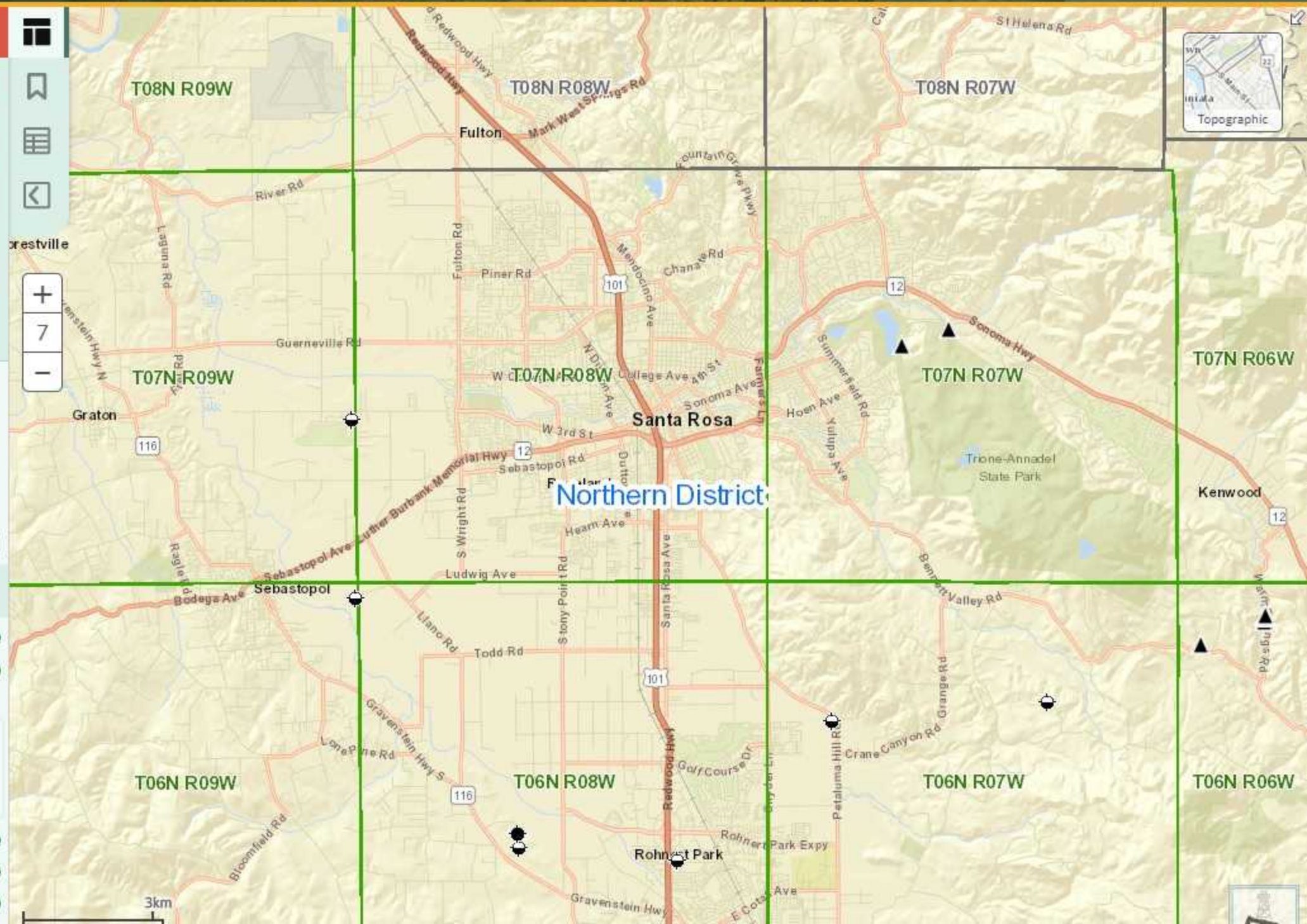
Display a foot buffer

Buffer radius is limited to 10 mi (52800ft).

- Find By API
- Find By Lat, Long
- Find By PLSS
- Find By Oil/Gas Field

Data (Layers):

- Notices & Permits
- DOGGR Wells
- Label: API# Well# Detailed
- EPA Wells for Aquifer Exemption Review
 - Enhanced Oil Recovery Wells
 - Disposal Wells
- TR26 Onshore Seeps
- Oil/Gas Fields
- California Geologic Map



-
-
-
-
-
-



Search

Select Search Type
EHS_LOP PUBLIC

Use the fields below the drop-down to narrow the search. A field left blank will not be included in the search criteria. Use an asterisk(*) at the beginning or end of a search term if you want to search using only a part of a word or phrase.

Site Address
325 yolanda

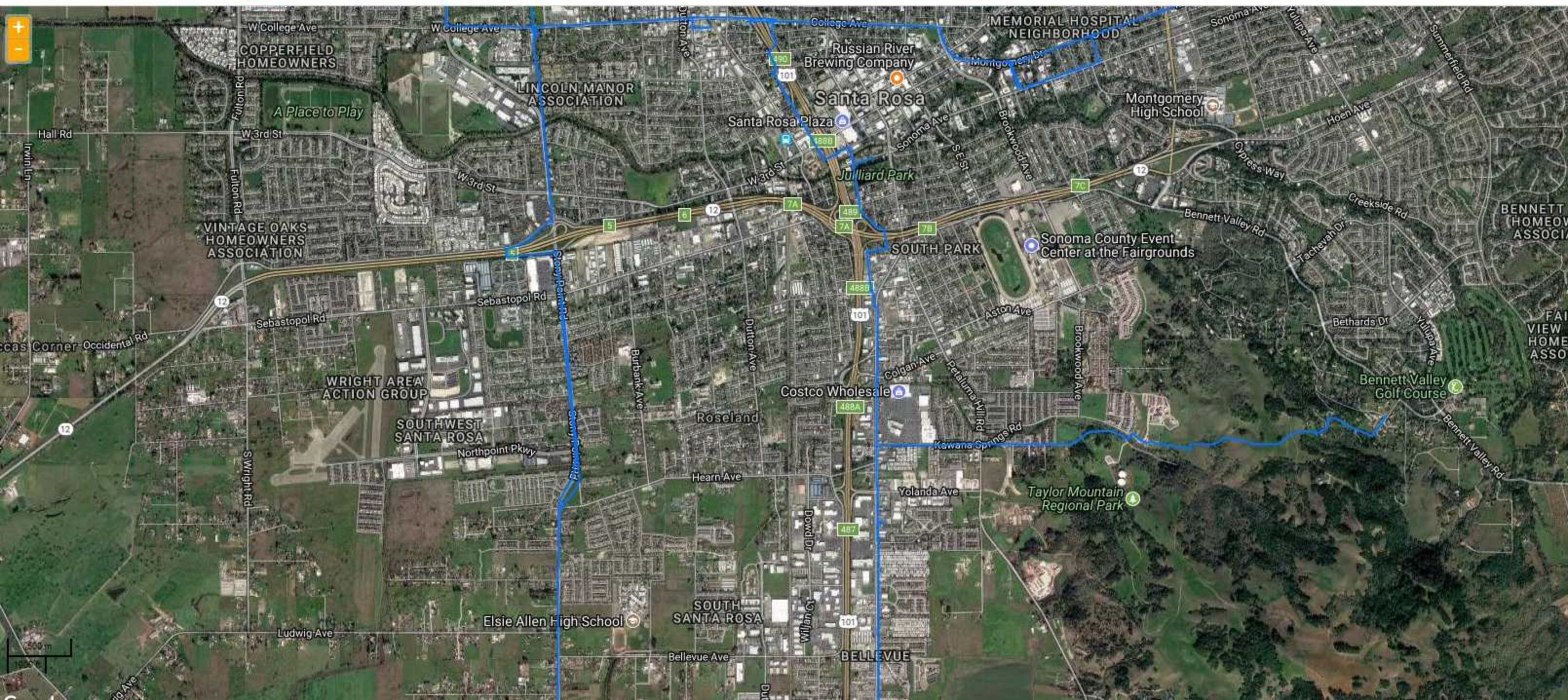
Site Name
[Empty]

LOP #
[Empty]

Search Clear

Results

No documents found

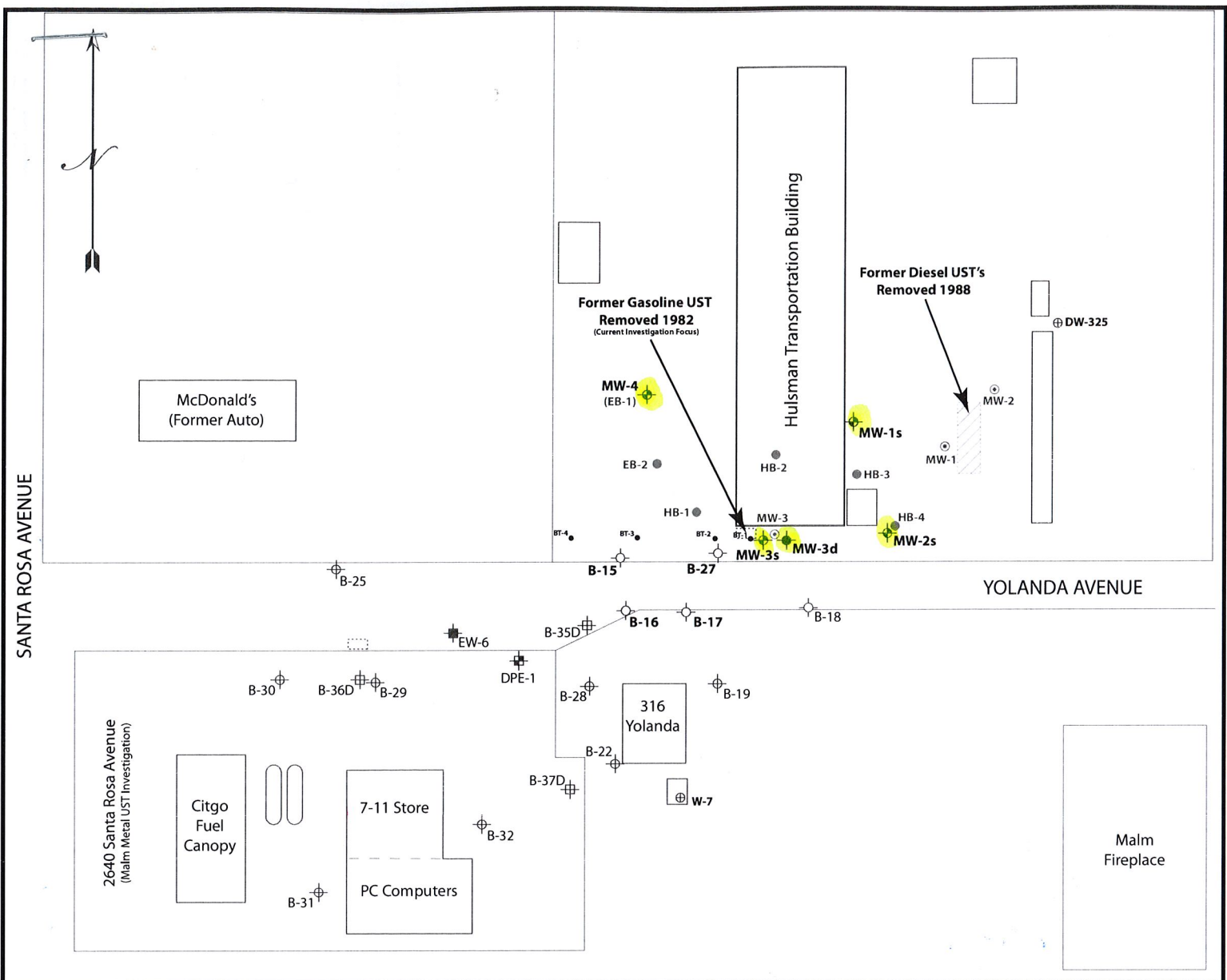


Map Layers

- Accidents (Liquid)
- Incidents (Gas)
- Gas Transmission Pipelines
- Hazardous Liquid Pipelines
- LNG Plants
- Breakout Tanks
- Other Populated Areas (scale dependent)
- Highly Populated Areas (scale dependent)
- State Boundaries
- abc Show Labels
- County Boundaries
- abc Show Labels
- Map
- Satellite

APPENDIX F

PREVIOUS REPORTS



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
- ⊕ DW-325 On Site Domestic Water Supply located at 325 Yolanda Avenue (ND in FEB2016)
- ⊕ W-7 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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O/F: 707-528-0810
M: 707-953-1020

CLIENT:
Hulsman
PROJECT:
451.0711
DRAFTED BY:
DLB
DATE:
MAR 2016

EXPLORATORY LOCATIONS MAP
SITE EVALUATION FOR CASE CLOSURE

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

PLATE

4



March 23, 2018
Project No.: 100988001

Mr. Brett Hardison
Wolff Enterprises II, LLC
6710 East Camelback Road, Suite 100
Scottsdale, Arizona 85251

Subject: Environmental Review
Former Hulsman Transportation Property
325 Yolanda Avenue
Santa Rosa, California

Dear Mr. Hardison:

Ardent Environmental Group, Inc. (Ardent) has performed a preliminary review of environmental conditions at the Former Hulsman Transportation property located at 325 Yolanda Avenue in the City of Santa Rosa, California (site). We understand that Wolff Enterprises II, LLC (client) is considering acquisition of the site. This letter presents a summary of the current environmental condition of the site and surrounding properties, potential environmental concerns at the site, and our interpretation of the potential risks and liabilities associated with acquisition and ownership of the site.

BACKGROUND

The site consists of a single parcel, totaling approximately 5.82 acres, located north of Yolanda Avenue within a mixed industrial, commercial, and residential area of Santa Rosa, California. The site has historically been utilized for truck storage, maintenance and repair purposes since the 1940's, and was most recently occupied by Hulsman Transportation for use as a trucking terminal.

Three underground storage tanks (USTs) were formerly located on the site, including two diesel USTs in the south-east portion of the site and one gasoline UST in the south-central portion of the site, adjacent to Yolanda Avenue. The two diesel USTs were removed in 1988 and no evidence of a release of fuel from the diesel USTs was found. The gasoline UST was removed in 1982. During removal of the gasoline UST, it was discovered that a release of gasoline had occurred that impacted soil and groundwater. Following discovery of the release a leaking UST

(LUST) case was opened with the North Coast Regional Water Quality Control Board (NCRWQCB).

Two shallow groundwater zones have been identified at the site; one seasonal shallow aquifer located at approximately 20 to 25 feet below ground surface (bgs), and a deeper productive water bearing aquifer at approximately 30 to 50 feet bgs. Only the shallow seasonal aquifer was affected by the LUST at the site.

CURRENT ENVIRONMENTAL CONITIONS

To assess the current environmental conditions at the site and surrounding properties of concern, Ardent reviewed select reports provided by the client and reports available on the State Water Resources Control Board GeoTracker website. Reports reviewed by Ardent are listed in the Reference Section below. The following presents a summary of the current environmental conditions at the site and surrounding properties of concern.

Site – Former Hulsman Transportation

Following the discovery of the release from the gasoline UST, beginning in approximately 1988 and continuing through 2016, numerous site characterizations, groundwater monitoring events, soil vapor investigations, and remedial actions have taken place at the site under the regulatory oversight of the NCRWCB. Based on the results of these investigations it was found that gasoline and fuel components including benzene, toluene, ethylbenzene, and xylenes (BTEX) had impacted soil immediately below the former UST and shallow groundwater. An initial remedial action included excavation of approximately 175 cubic yards of impacted soil from beneath the gasoline UST in 1991. Based on sampling results at the time of the excavation, the lateral extent of soil contamination had been removed. However, residual soil contamination with gasoline and BTEX was present at a depth of approximately 23 feet, which was generally at the depth of the shallow groundwater aquifer. Since that time, the depth to shallow groundwater has varied significantly and has recently been measured much shallow, at approximately 6 to 10 feet bgs.

Following the excavation of impacted soil, groundwater monitoring wells were installed to assess and monitor the presence of gasoline and BTEX in the shallow groundwater aquifer. In general, shallow groundwater beneath the site flows in the west-southwest direction and gasoline contamination was found in the shallow groundwater west and southwest of the former

gasoline UST location, along the south edge of the property between the current building and the west property boundary and beneath Yolanda Avenue. The west-southwestern extent of the groundwater plume may be comingling with an off-site plume of gasoline and BTEX from a former off-site UST located west-southwest of the site.

To address the presence of gasoline and BTEX contamination in shallow groundwater beneath the southwest portion of the site and off-site under Yolanda Avenue, consultants for Hulsman Transportation submitted a Corrective Action Plan (CAP) to the NCRWQCB on June 26, 2012. The CAP proposed air or ozone sparging (injection of air or ozone microbubbles below the groundwater table to strip the groundwater of contaminants and promote natural biodegradation of the contaminants). The CAP was approved by the NCRWQCB and an air sparging system consisting of ten air sparging wells was installed in late 2013 and early 2014 and the system began operation on May 1, 2014. Groundwater monitoring was performed at the site in June 2014, September 2014, and March/April 2015. Based on the results of the September 2014 groundwater monitoring event, the air sparging system was effective and that concentrations of gasoline and BTEX in groundwater had been significantly reduced. Based on the results, the air sparging system was shut off in November 2014. Following the March/April 2015 monitoring event, the consultant for Hulsman Transportation prepared and submitted a Site Evaluation for Case Closure Report (Closure Report) dated March 3, 2016. The Closure Report presented a case for closure under the Low Threat Closure Policy (LTCP).

To qualify for closure under the LTCP, the site had to meet the following criteria: the plume of impacted materials at the site had to be adequately defined and be stable or decreasing in size; could not pose a threat to existing domestic water wells in the site vicinity; was not a significant human health risk to site occupants due to vapor intrusion; and that there was a low likelihood of occupants or workers coming into direct contact with impacted soil or groundwater at the site.

The NCRWQCB reviewed the Closure Report and in a letter dated May 13, 2016. Based on its review, the NCRWQCB did not recommend closure of the case for the following reasons:

1. Needed to provide additional data regarding the former diesel USTs;
2. Boring logs and well construction details for all wells at the site needed to be submitted;
3. A more detailed description of the air sparging system and wells was needed;

4. The potential for vapor intrusion of contaminants of concern into current and future site buildings needed to be evaluated;
5. A Sensitive Receptor Survey, including identifying and locating all domestic water supply wells in the vicinity of the site was needed; and
6. Preparation of Soil and Groundwater Management Plan (SGMP) to be implemented during any future redevelopment of the site due to the large area of the site that had not been investigated and the long history of truck maintenance and service on the site.

In response to the denial of closure, consultants for Hulsman Transportation completed a Soil Vapor Investigation and Sensitive Receptor Survey (SRS) for the site. The report, dated November 25, 2016 was submitted to the NCRWQCB. The soil vapor investigation was performed in the southwest portion of the site, in the general area of the gasoline release and groundwater plume. The results of the soil vapor investigation only found low concentrations of benzene present in soil vapor beneath the southwestern portion of the site. Gasoline, diesel, toluene, ethylbenzene, xylenes, and naphthalene were not detected in soil vapor. Benzene was detected in four of the eight soil vapor samples at concentrations of between 36 and 57 micrograms per cubic meter (ug/m^3). The detected concentrations of benzene were below the LTCP closure criteria of $280 \text{ ug}/\text{m}^3$ and were below the more conservative California Department of Toxic Substances Control (DTSC) Human and Risk Office Note 3, ambient air screening levels ranging from 97 to $850 \text{ ug}/\text{m}^3$ for future commercial or residential land use. Therefore, there does not appear to be a vapor intrusion concern for current or future buildings at the site in the southwest area of the site. The results of the SRS found that three existing domestic supply groundwater wells were located within 500 feet of the residual groundwater contamination plume. One of the wells was located on-site, about 250 feet northeast (upgradient) of the groundwater plume. The other two wells were located off-site to the northwest of the site, in a direction that is not threatened by the residual groundwater plume.

Consultants for Hulsman Transportation submitted a Low-Threat Closure Site Evaluation and Request for Case Closure Report (revised Case Closure Report) to the NCRWQCB on December 27, 2016. The revised Case Closure Report included the results of the soil vapor investigation, the SRS, and the additional data and information requested by the NCRWQCB in its letter dated May 13, 2016.

As part of the requirements of case closure, a Soil and Groundwater Management Plan and Health and Safety Plan (SGMP) was prepared as for the site, SGMP dated May 12, 2017. The

SGMP required an environmental professional to observe and test suspect hazardous materials encountered during development and designates how grading and redevelopment activities at the site will handle previously undiscovered potentially hazardous soil and groundwater. The SGMP also dictates that the NCRWQCB and local fire department be notified prior to redevelopment activities taking place. Additionally, the NCRWQCB required that all groundwater monitoring wells and former air sparging wells at the site be properly abandoned. A Monitoring and Remediation Well Abandonment Report (Well Abandonment Report), dated June 16, 2017 was submitted to the NCRWQCB.

Based on a review of the revised Case Closure Report, the SGMP, and the Well Abandonment Report, the NCRWQCB concurred that the site met the LTCP criteria and other case closure requirements and granted case closure to the LUST case and issued a No Further Action (NFA) letter on June 26, 2017.

455 Yolanda Avenue – Redwood Oil

The eastern adjacent property located at 455 Yolanda Avenue is currently listed as an open LUST case with the NCRWQCB. This facility is designated as Redwood Oil #141 Bulk Plant. The Redwood Oil #141 Bulk Plant facility has impacted local soil and shallow groundwater with gasoline, diesel, and MTBE. The facility is currently undergoing remediation under the oversight of NCRWQCB. Based on Ardent's review of the most recent groundwater monitoring report for this facility dated December 19, 2017, the impacted soil and groundwater plumes appears to be well defined and do not encroach onto the site. Based on this information and the cross gradient location, this facility would not likely present an environmental concern to the site.

368 Yolanda Avenue – Malm Fireplaces

The adjacent property to the south of the site across Yolanda Avenue, located at 368 Yolanda Avenue, is listed as Malm Fireplaces, Inc. as a Sonoma County Cleanup Program Site. This facility had a dripping solvent tank which was used as part of the fireplace manufacturing process at the facility. In 1999, it was determined that this facility had impacted local shallow groundwater and soil vapor with the volatile organic compound (VOC) trichloroethylene (TCE).

Based on Ardent's review of the most recent Groundwater Monitoring Report for the Malm Fireplaces facility dated April 22, 2016, it appears that the northern most extent of the TCE plume in shallow groundwater has not been defined and may extend beneath Yolanda Avenue.

However groundwater flow direction is to the south-southwest and therefore it is unlikely that this plume will migrate and intermingle with the remaining plume of gasoline and BTEX beneath the site. Based on this information and the down gradient location, this facility would not likely represent an environmental concern to the site

2640 Santa Rosa Avenue – Malm Metals

The property located at 2640 Santa Rosa Avenue to the southwest of the site across Yolanda Avenue, identified as Malm Metals, is listed as a closed LUST case. Malm Metals formerly utilized a 1,000-gallon gasoline UST which was found to have leaked and impacted shallow groundwater. The UST was removed in 1982, following removal of the UST several phases of investigation and remediation were completed, including groundwater monitoring, dual-phase groundwater and soil vapor extraction, ozone injection, and the excavation and removal of 9,000 cubic yards of impacted soil. The NCRWCB granted Malm Metals case closure in a NFA letter dated December 11, 2017. Based on this information and the down gradient location, this facility would not likely represent an environmental concern to the site.

SUMMARY OF CONCLUSIONS

Based on Ardent's review of available environmental reports and documents for the site and neighboring facilities, Ardent presents the following summary of conclusions:

- Soil and groundwater remedial actions at the site have successfully mitigated the presence of gasoline and BTEX in soil and groundwater to levels that meet the LTCP closure criteria and meet all case closure requirements set by the NCRWQCB. Case closure was issued to the site by the NCRWQCB on June 26, 2017.
- Limited quantities of gasoline and BTEX impacted soil and groundwater were allowed to remain in place on the basis that the contaminants do not present a human health risk to occupants of the site or a risk to the environment. However, these materials may be encountered during excavation or trenching that may take place at the site. Such materials may require special handling or disposal requirements.
- Based on the results of soil vapor sampling, there does not appear to be a vapor intrusion concern for current or future buildings at the site in the southwest area of the site.
- A SGMP has been prepared for the site. Any future redevelopment of the site will be required to implement and follow the SGMP.
- The site has been used for truck maintenance and service since the 1940s. Previous investigations at the site have focused on the former UST locations and portions of the site have not been investigated. Based on the historic use of the site, additional areas of soil and groundwater contamination may be present in areas not previously investigated.

RECOMMENDATIONS

Based on the potential environmental concerns identified above, Ardent recommends the following actions prior to acquisition of the site:

- Prior to and during any redevelopment activities at the site, the SGMP for the site should be implemented.
- If redevelopment activities extend into or disturb impacted soil and/or groundwater, there may be costs associated with the testing, handling and disposal of any impacted material encountered.
- Prior to acquisition of the site, a Phase I Environmental Site Assessment should be performed and a screening level soil vapor investigation should be completed to assess areas of the site not included in previous investigation.

Ardent appreciates this opportunity to be of service.

Sincerely,
Ardent Environmental Group, Inc.



Jonathan Anderson
Staff Geologist



Craig A. Metheny, C.A.C
Principle Geologist

Distribution: (1) Addressee – via email

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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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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

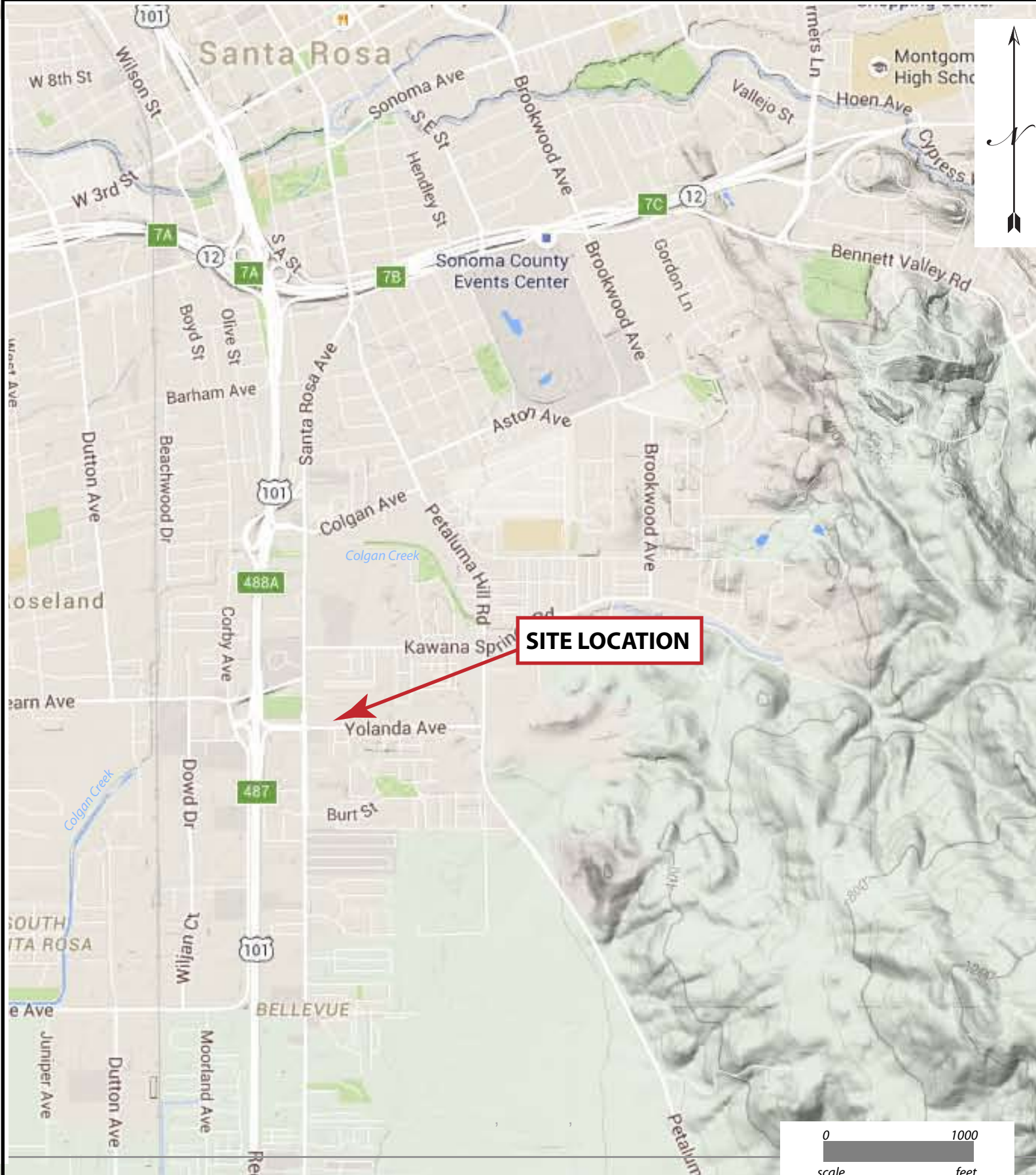
Upon completion of an excavation, it must be backfilled with clean imported soils. EGS recommends compaction in accordance with project engineer's design and in accordance with the Owner(s)/Developer(s) approved and permitted redevelopment plan.

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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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

SITE AREA
 APN 044-071-002

COUNTY ASSESSOR'S PARCEL MAP

Parcel Map No. 3300-A
 REC. 08-08-1973 IN BK 195, MAPS, PGS. 01-00

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

FORMER USTS

NOTE: This map and persons' for Assessment purposes only and does not include either parcel security or a valid building etc. Its liability is assumed for the accuracy of the information furnished to the Assessor (i.e. proposed survey map) recorded deeds, prior Assessment maps, etc.

NOTE: Assessor's parcels do not necessarily constitute legal lots. To verify legal parcel status check with the appropriate city or county community development or planning division.

Assessor's Map Bk. 044, Pg. 07
 Sonoma County, Calif. (2010)
 MAY 17/24/09 16



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 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



Property Boundary

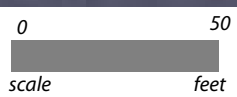
EXISTING SITE BUILDING
325 YOLANDA AVE

DW-325

INVESTIGATION AREAS

FORMER UST's

YOLANDA AVENUE



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DATE: MAY 2017

PREVIOUS INVESTIGATION AREAS
SOIL & GROUNDWATER MANAGEMENT PLAN
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case #1TSR050

PLATE
3

**Revised Soil & Groundwater Management Plan
and Health and Safety Plan
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NCRWQCB Site #1TSR050**

Page HASP 1

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:

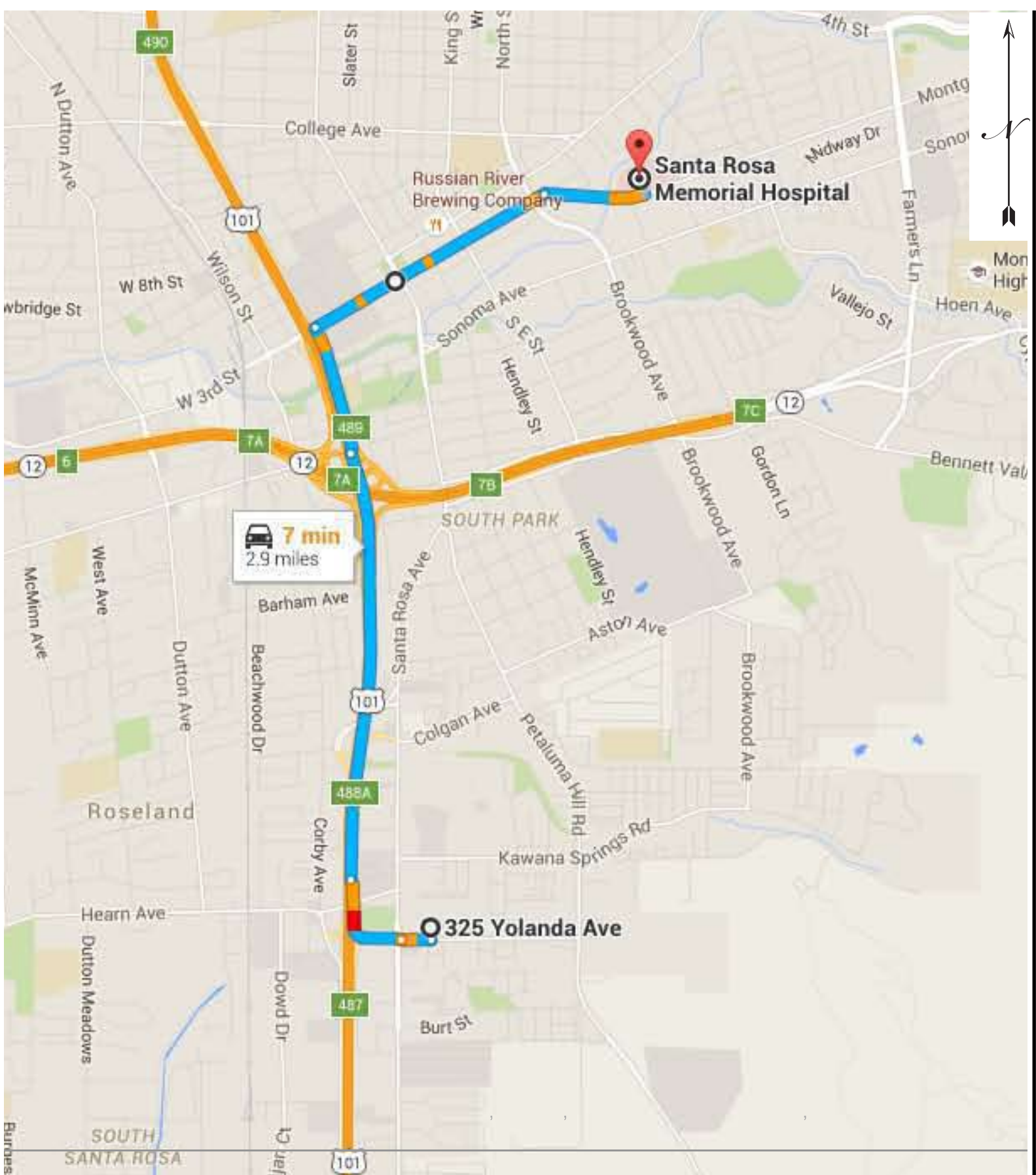
MEDICAL FACILITY - West on Yolanda Avenue, north on Highway 101, Exit 489 to Downtown Santa Rosa (Third Street), turn right onto Third Street, pass Brookwood Avenue, then turn slightly right onto Montgomery Drive. Santa Rosa Memorial Hospital on left at 1165 Montgomery Drive. Follow signs to emergency entrance.

Map Attached.

SIGN OFF SHEET

All personnel on site have read and understand the Safety Plan. All personnel will comply with safety procedures:

NAME (Please Print)	RESPONSIBILITY	SIGNATURE



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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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M: 707-953-1020

June 16, 2017
Project No: 451.0711

Ms. Jo Bentz
NC-RWQCB
5550 Skylane Blvd, Ste A
Santa Rosa, CA 95403

RE: REPORT
MONITORING AND REMEDIATION WELL ABANDONMENT
FOR CASE CLOSURE - FORMER UST SITE
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NC-RWQCB Case #1TSR050

Dear Ms. Bentz:

The North Coast Regional Water Quality Control Board (NC-RWQCB) has requested that Hulsman Transportation (Owner) complete the abandonment of nine (9) shallow and one (1) deeper groundwater monitoring wells, as well as eight (8) shallow and two (2) deeper remedial sparge wells as the final step to completing case closure at the referenced site (Plate 1, Site Location Map).

Additionally, the NC-RWQCB authorized the current property, Hulsman Transportation, to abandon one onsite multi-chamber monitoring well associated with the adjacent UST investigation site to the east (Redwood Oil).

Environmental Geology Services (EGS) prepared our Work Plan dated February 3, 2017 for Monitoring and Remediation Well Abandonment (Report) in accordance with the NC-RWQCB's directive letter dated January 24, 2017. EGS received authorization from Ms. Jo Bentz, NC-RWQCB, to implement the Work Plan in her March 23, 2017 e-mail communication.

EGS discussed the abandonment of the remediation sparge wells with our subcontracted drilling company, and prepared and submitted the Addendum to Work Plan via e-mail communication dated May 5, 2017 which included our proposal to abandon the remediation sparge wells by pressure grouting. The e-mailed Addendum to Work Plan also included the scope of work to abandon by pressure tremmie grouting the onsite multi-chamber well MW-27 associated with the offsite, adjacent east UST investigation (Redwood Oil). Ms. Bentz, of the NC-RWQCB, concurred with the Work Plan Addendum in her e-mail communication dated May 9, 2017.

REPORT

Page 2

MONITORING AND REMEDIATION WELL ABANDONMENT FOR CASE CLOSURE - FORMER UST SITE Hulsman Transportation, NC-RWQCB Case #1TSR050 325 Yolanda Avenue, Santa Rosa, California

This Report describes the procedures that were implemented for proper abandonment of the monitoring and remediation wells in accordance with the directives set forth by the NC-RWQCB to complete case closure of the UST investigation at this site.

Well Abandonment

Permitting and Utility Clearance

Upon approval of the work by the NC-RWQCB, EGS completed the Sonoma County Environmental Health Division (SCEHD) drilling permit application, as well as the City of Santa Rosa Encroachment Permit application since some of the work was located adjacent to the shoulder of Yolanda Avenue. EGS received the SCEHD approved drilling permit number SR0014171 and City of Santa Rosa Encroachment Permit number EP17-0311. Additionally, prior to the start of the work, EGS traveled to the site to mark site boundaries and drilling locations in white paint, and notified Underground Services Alert (USA) and received clearance ticket #X715000758-00X.

Scheduling and Notification

EGS scheduled our subcontracted C-57 licensed drilling company, Clear Heart Drilling, Inc. of Santa Rosa, CA for the week of June 5 – 9, 2017 to perform the work. As required by the SCEHD and City of Santa Rosa permitting, EGS provided at least 48 hours notice prior to the start of the work. EGS also coordinated with the Owner, and notified the NC-RWQCB prior to the start of the work.

Abandonment by Over Drilling

EGS directed our subcontracted State of California C-57 licensed drilling contractor, Clear Heart Drilling, Inc., to over drill the 2-inch diameter well casings of monitoring wells MW-1s, MW-2s, MW-3s, MW-3d and MW-4, as well as monitoring wells B-15 and B-27 (Plate 2, Site Map). To access wells MW-3s and MW-3d, the chain linked fence was removed and needed to be repaired which EGS coordinated.

After drilling out the well construction material and removing the well casings, the open boring was backfilled to within at least 6 inches of grade with neat cement using the tremmie method. The upper 6 inches was filled with concrete or gravel to match existing surface. The well casing and the Christy box from each well was removed from the site and disposed of by the drilling contractor.

Abandonment by Pressure Grouting

EGS directed our subcontracted State of California C-57 licensed drilling contractor, Clear Heart Drilling, Inc., to abandon the 1-inch diameter remedial sparge wells RW-1 through RW-10 (Plate 2) by pressure grouting the well casing. Additionally, due to their proximity to Yolanda Avenue (in fog strip) and underground and overhead utility lines, EGS requested and was granted a variance from the SCEHD to pressure grout monitoring wells B-16 and B-17 (Plate 2).

Neat cement was added to the well casings by the tremmie method, and the top of the well casings were configured with a pressurized cylinder. At least 25-30 psi of pressure was added to the well casings for a minimum of 5 minutes to force the grout into the formation through the well screens. After at least 5 minutes, if the grout dropped additional grout was added to the well casings and the process repeated until the grout did not drop. Following the pressure grout process, EGS directed Clear Heart to drill out the upper 5 feet of material (except B-16 and B-17) followed by backfilling to within 6 inches of grade with neat cement. The upper 6 inches was filled with concrete or gravel to match existing surface. The Christy box from each well was removed from the site and disposed of by the drilling contractor.

In addition to the above wells, EGS directed Clear Heart Drilling, Inc. to pressure tremmie grout the individual chambers (7) of the onsite well MW-27 (associated with the adjacent east UST investigation at Redwood Oil, Plate 3). A ¼-inch tube was lowered in each chamber to the final depth (ranging from 25 feet bgs to 230 feet bgs) and connected to a pump. Grout was forced into each chamber using the tremmie method to displace groundwater. Following the grouting process, EGS directed Clear Heart to drill out the upper 5 feet of material followed by backfilling to within 6 inches of grade with neat cement. The upper 6 inches was filled with gravel to match existing surface. The Christy box from the well was removed from the site and disposed of by the drilling contractor.

Lost Monitoring Well B-18

As discussed with the NC-RWQCB, monitoring well B-18 had been assigned to the subject site in 2011 (Plate 2). This well was originally installed related to the UST investigation at 2640 Santa Rosa Avenue. This monitoring well had been located east of well B-17, along Yolanda Avenue and has been paved over since the time EGS began working on the subject site's UST investigation. EGS reviewed GPS coordinates

REPORT

Page 4

MONITORING AND REMEDIATION WELL ABANDONMENT FOR CASE CLOSURE - FORMER UST SITE Hulsman Transportation, NC-RWQCB Case #1TSR050 325 Yolanda Avenue, Santa Rosa, California

uploaded to Geotracker, as well as to scale maps associated with the adjacent UST investigation to determine an approximate location of this well.

In August 2016, EGS retained the services of NorCal Geophysical Consultants, Inc. to perform a geophysical survey in the approximate area of well B-18. An area of approximately 15' x 50' was surveyed using magnetometer and ground penetrating radar technologies which resulted in two target anomalies. EGS directed Clear Heart Drilling, Inc. to remove the overlying asphalt and explore the two anomalies produced during the geophysical survey, but were unable to locate missing monitoring well B-18.

Based on their field observations, the SCEHD authorized leaving the missing well in place pending appropriate documentation an evaluation of beneficial uses be completed, which EGS will comply with under separate cover.

AOSS Removal

In addition to removing the remediation wells at the subject suite, EGS also removed the Air Operated Sparging System (AOSS) from the site. This entailed disconnecting the AOSS unit from the power supply, disconnecting the air delivery tubing from the AOSS unit, removing the AOSS unit, removal of the associated air delivery tubing, and removal of the protective barricades along Yolanda Avenue. The PVC conduits (located approximately 6-12 inches bgs) will remain in place until the site is redeveloped. Refer to Plate 2 for the location of the AOSS unit and associated delivery lines.

Soil Disposal

All drill cuttings and decontamination water produced during the abandonment procedures were contained in labeled, steel 55-gallon DOT drums. Ten (10) soil and one (1) water drums were produced, labeled and stored onsite until they were picked up on June 13, 2017 by our subcontract waste disposal contractor, EnviroPacific. EnviroPacific will collect confirmation soil samples and dispose of the drummed waste accordingly. The Non-Hazardous Soil and Water Disposal documents are attached to this report for reference.

Geotracker Compliance

As a final task for this site, and to gain case closure, EGS has uploaded this Well Abandonment Report, as well as confirming that all pertinent site investigation information is submitted to the State Geotracker database.

REPORT
MONITORING AND REMEDIATION WELL ABANDONMENT
FOR CASE CLOSURE - FORMER UST SITE
Hulsman Transportation, NC-RWQCB Case #1TSR050
325 Yolanda Avenue, Santa Rosa, California

Page 5

Closing

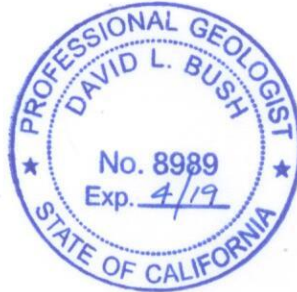
Environmental Geology Services has completed this UST investigation in accordance with the directives set forth by the NC-RWQCB, and in accordance with the California State Low-Threat Closure Policy. The abandonment of the monitoring wells and remediation wells was the final requirement of the NC-RWQCB, as EGS has submitted and received NC-RWQCB approval for the Soil and Groundwater Management Plan, and the NC-RWQCB has approved case closure and the site has completed the public comment period with no comments submitted to the NC-RWQCB. Based on the work completed over the course of this UST Investigation, EGS recommends that the NC-RWQCB issue the final closure letter for this case.

If you have any questions please call us at 707-528-0810.

Sincerely,
Environmental Geology Services



David L. Bush, PG 8989
Principal Geologist



Attachments: Plate 1: Site Location Map
 Plate 2: Site Map Including Monitoring Well Locations
 Plate 3: Adjacent UST Investigation Site Map showing MW-27

Non-Hazardous Soil Disposal Document
Non-Hazardous Water Disposal Document

cc: Mr. Jim Hulsman, jhulsman1@frontier.com
 Mr. Paul Hulsman, phulsman@yahoo.com

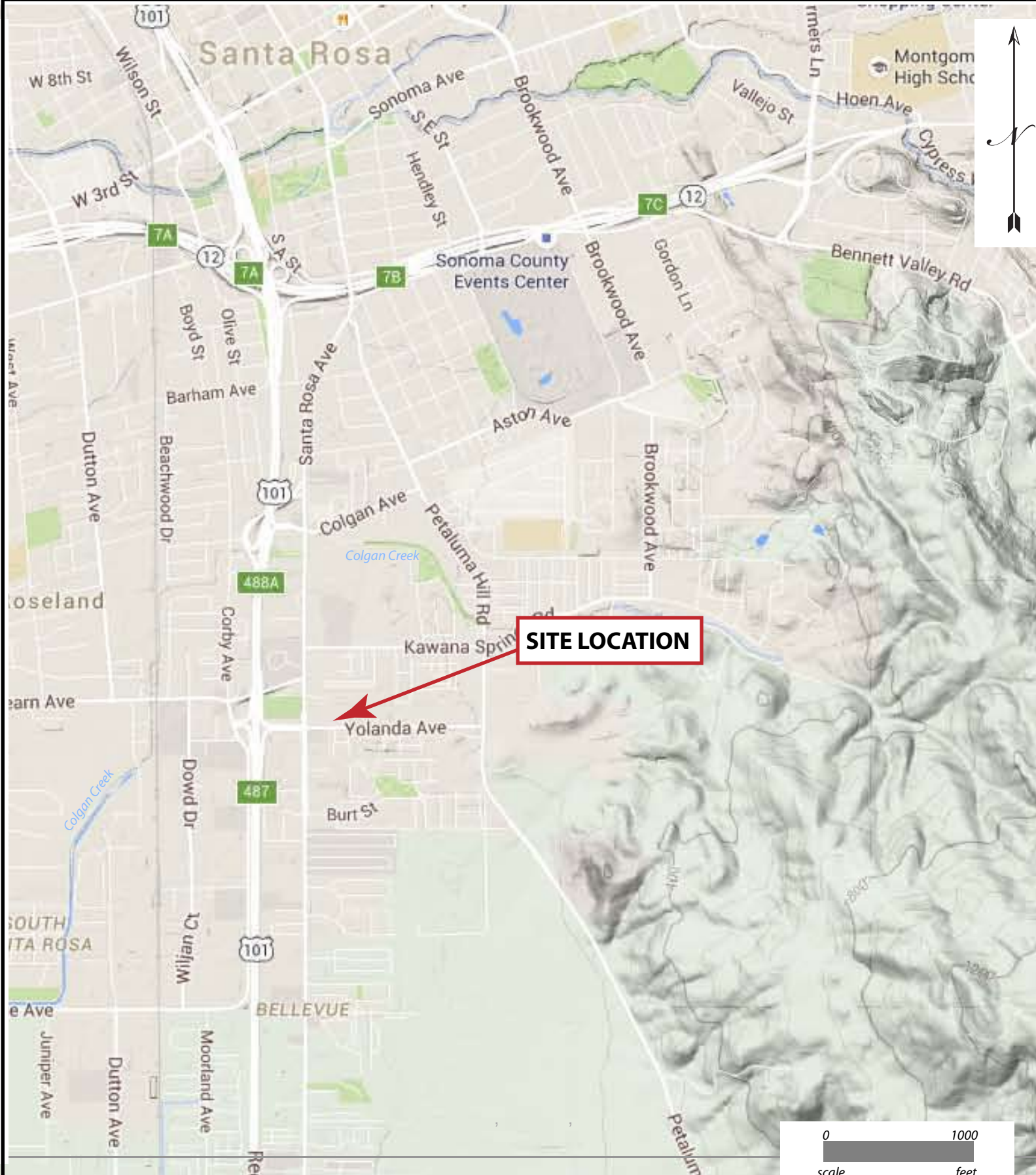
 Ms. Jo Bentz, NC-RWQCB (PDF), jo.bentz@waterboards.ca.gov
 5550 Skylane Blvd., Suite A, Santa Rosa, CA 95403

 Ms. Lisa Lamb, SCEHD (PDF), Lisa.lamb@sonoma-county.org
 625 5th Street, Santa Rosa, CA 95401

 Mr. Richard Munsch, RDM, rdmenv@sbcglobal.net

Uploaded to Geotracker Database

Environmental Geology Services

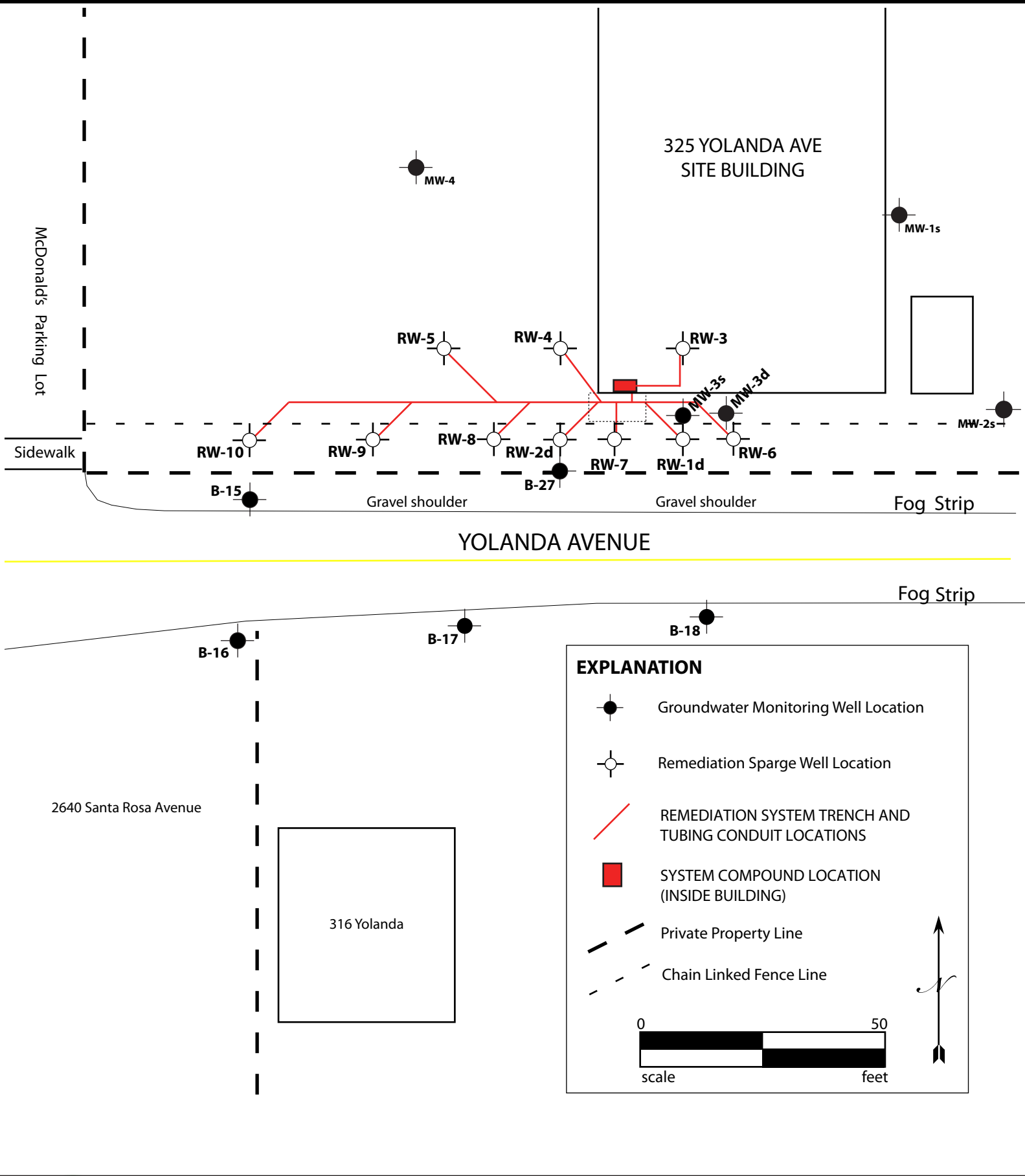


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PROJECT: 451.0711
DRAFTED BY: DLB
DATE: JUNE 2017

SITE LOCATION MAP
REPORT: WELL ABANDONMENT FOR CASE CLOSURE
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case #1TSR050

PLATE
1



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



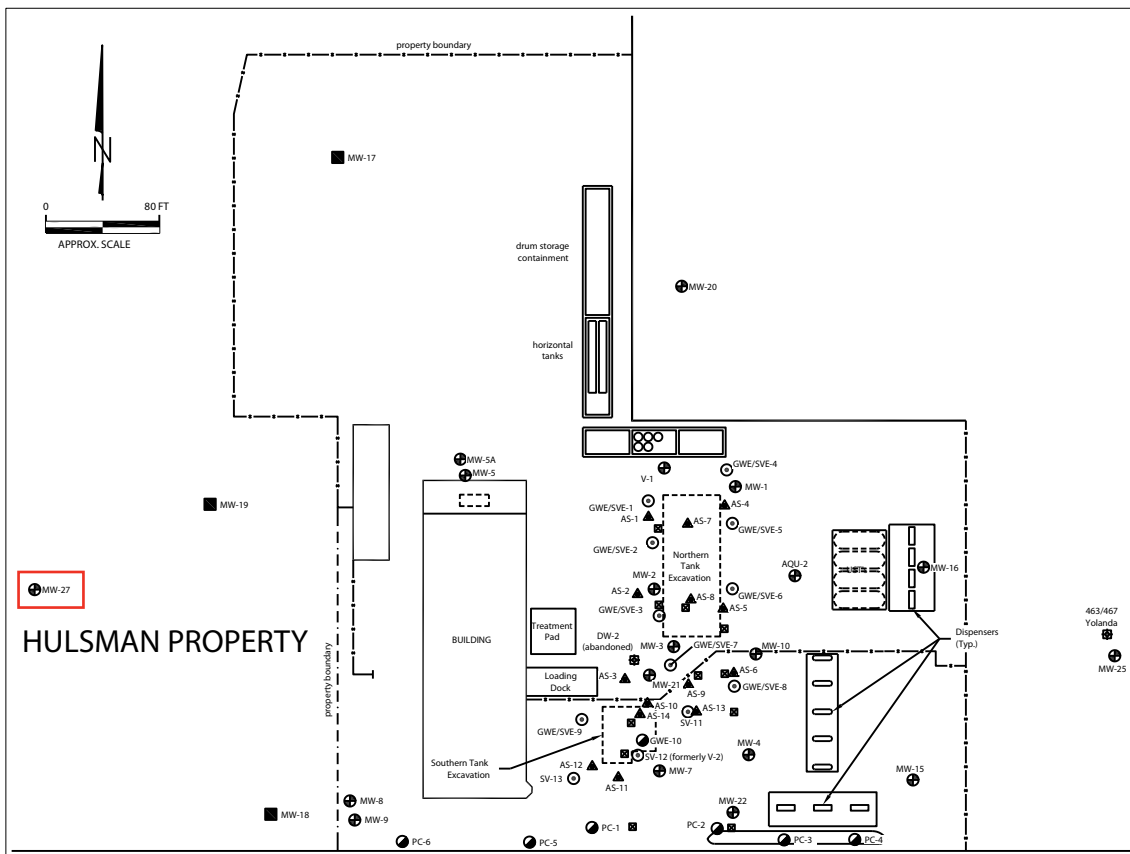
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DRAFTED BY: DLB
DATE: JUNE 2017

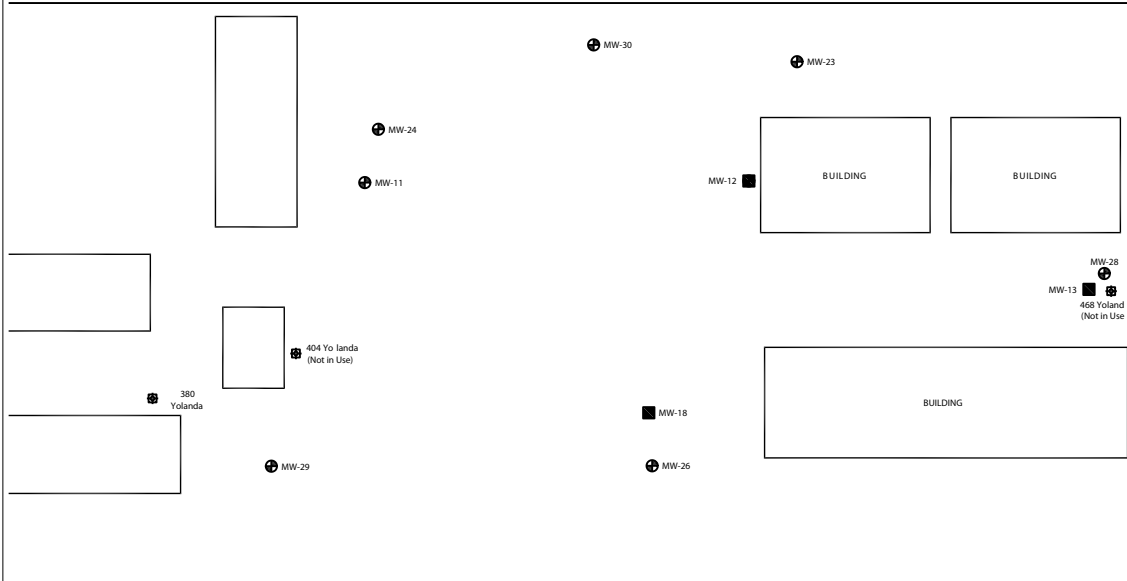
SITE AND WELL LOCATION MAP
REPORT: WELL ABANDONMENT FOR CASE CLOSURE
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, CA
NC-RWQCB Case#1TSR050

PLATE
2



HULSMAN PROPERTY

----- **YOLANDA AVENUE** -----



LEGEND:

	DOMESTIC WELL LOCATION
	DESTROYED WELL LOCATION
	MW-19
	MW-21
	MONITORING WELL LOCATION
	GWE/SVE-13
	GROUND WATER/ SOIL VAPOR EXTRACTION WELL LOCATION
	GROUND WATER EXTRACTION WELL LOCATION
	AIR SPARGE WELL LOCATION
	JUNCTION VAULT LOCATION

**FIGURE 2
SITE MAP**

REDWOOD OIL BULK PLANT
455 YOLANDA AVE
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 6/18/08
FILE NO. Site Map	PREPARED BY MAB
REVISION NO. 1	REVIEWED BY



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PROJECT:
451.0711
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DLB
DATE:
JUNE 2017

ONSITE WELL MW-27 LOCATION MAP
REPORT: WELL ABANDONMENT FOR CASE CLOSURE

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

PLATE
3

EnviroPacific

P.O. Box 4618, San Luis Obispo, CA 93403, (707) 761-2306
Field Services – Vacaville, CA
GEC Lic. No. A-876019
enviropacific@sbcglobal.net

NON-HAZARDOUS SOIL DISPOSAL DOCUMENT

GENERATOR

Name: Hulsman Transportation
Address: P.O. Box 423, Santa Rosa, CA 95402
Contact: David Bush Tel: (707) 528-0810

SITE

Name: Hulsman Transportation
Address: 325 Yolanda Ave., Santa Rosa, CA 95402
Contact: David Bush Tel: (707) 528-0810

CUSTOMER

Name: Environmental Geology Services
Address: 6169 Amie Dr., Windsor, CA 95492


Contact: David Bush Tel: (707) 528-0810
Proj. No.: 451.0711 P.O.: _____

DESCRIPTION

Description of Soil: Soil Drill Cuttings
Quantity: 10 Units: Drums

This non-hazardous soil consists of drill cuttings, soil sampling residues, excavation material, a combination thereof, or as described above. The described soil may contain hydrocarbons. I certify that the above named material has been properly described and classified according to applicable regulations and possesses no characteristics that would require its handling as a hazardous waste.

Generator/Authorized Agent: David L. Bush, Principal
Print Name/Title


Sign

6/13/17
Date

TRANSPORTER

Name: EnviroPacific
Address: P.O. Box 4618, San Luis Obispo, CA 93403
Tel: (707) 761-2306 Proj. No.: 377

DESIGNATED FACILITY

Name: Potrero Hills Landfill
Address: 3675 Potrero Hills Ln., Suisun, CA 94585

This material will be disposed of at the above referenced facility in accordance with applicable federal, state and local regulations.

Driver:  6-13-17
Sign Removal Date

Waste Tracking No: 3029

EnviroPacific

P.O. Box 4618, San Luis Obispo, CA 93403, (707) 761-2306
Field Services – Vacaville, CA
GEC Lic. No. A-876019
enviropacific@sbcglobal.net

NON-HAZARDOUS WATER DISPOSAL DOCUMENT

GENERATOR

Name: Hulsman Transportation
Address: P.O. Box 423, Santa Rosa, CA 95402
Contact: David Bush Tel: (707) 528-0810

SITE

Name: Hulsman Transportation
Address: 325 Yolanda Ave., Santa Rosa, CA 95402
Contact: David Bush Tel: (707) 528-0810

CUSTOMER

Name: Environmental Geology Services Contact: David Bush Tel: (707) 528-0810
Address: 6169 Amie Dr., Windsor, CA 95492 Proj. No.: 451.0711 P.O.: _____

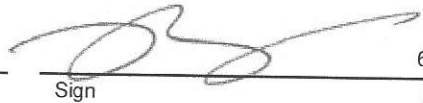
DESCRIPTION

Description of Water: Auger rinse water

Quantity: 1 Units: Drum

This non-hazardous waste water is purged groundwater, auger rinse water, sampling equipment rinse water, a combination thereof, or as described above. The described water may contain hydrocarbons. I certify that the above named material has been properly described and classified according to applicable regulations and possesses no characteristics that would require its handling as a hazardous waste.

Generator/Authorized Agent: David L. Bush, Principal
Print Name/Title


Sign

6/13/17
Date

TRANSPORTER

Name: EnviroPacific
Address: P.O. Box 4618, San Luis Obispo, CA 93403
Tel: (707) 761-2306 Proj. No.: 377

DESIGNATED FACILITY

Name: EBMUD
Address: 2020 Wake Avenue, Oakland, CA

This material will be disposed of at the above referenced facility in accordance with applicable federal, state and local regulations.

Driver: 

Sign

6-13-17

Removal Date

Waste Tracking No: 1028

Notice of Proposed No Further Action

For

Hulsman Transportation Company
325 Yolanda Avenue
Santa Rosa, California

Case Number 1TSR050
Sonoma County

Notice Posting Date: February 24, 2017

End of Comment Period: April 25, 2017

A soil and groundwater investigation was conducted at the above-referenced site and a release of petroleum hydrocarbons was documented. Although some contamination remains, this site meets the conditions for closure under the State Water Resources Control Board's "Low-Threat Underground Storage Tank Case Closure Policy." Regional Water Board staff proposes that no further work be required. The purpose of this notice is to inform interested parties, including owners of nearby land, that the case is being considered for closure, and to invite public comment on this proposed decision.

Problem Description: This site formerly contained three Underground Storage Tanks (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. In the 1980s, the USTs and impacted soil surrounding the USTs were removed. Soil and groundwater at and around the site have been investigated. Monitoring shows that residual petroleum contamination in shallow groundwater exists next to and under Yolanda Avenue. Water supply wells identified near the site are not affected by the contamination.

Proposed Action: Case closure is proposed. This site meets the conditions for closure under the State Water Resources Control Board's "[Low-Threat Underground Storage Tank Case Closure Policy](#)."

Unless significant comments are received or new information is presented regarding this site, Regional Water Board staff plans to proceed with the closure process upon conclusion of the comment period. Please contact Jo Bentz at (707) 576-2838 or Jo.Bentz@waterboards.ca.gov with any questions or comments. Written comments may also be submitted to:

North Coast Regional Water Quality Control Board
Attention: Jo Bentz
5550 Skylane Blvd, Suite A
Santa Rosa, CA 95403

Regional Water Board site records comprise both a paper file and an electronic file. Beginning in 2005, select file material was uploaded to the State Water Resources Control Board's GeoTracker website and is not necessarily included in the paper file. All new file material after 2014 is retained only electronically. The GeoTracker records are available at

http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700572

The paper file ("Hulsman Transportation", Case No. 1TSR050) may be reviewed at the North Coast Regional Water Quality Control Board office from 8:00 am to 5:00 pm Monday through Friday. Appointments are recommended and can be arranged by calling (707) 576-2220.



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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

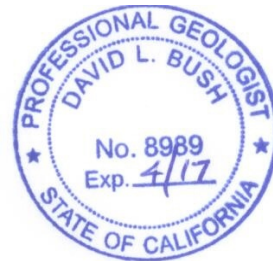
Prepared for:

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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Plate 4:	Site Map with Exploratory Locations
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Plate 6:	Generalized Geologic Cross Section A-A'
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Plate 8:	2015 Shallow Gradient Map
Plate 9:	TPH-G Contour with Radius of Impact (Mar 2015)
Plate 10:	AOSS Sparge Well Location Map
Plate 11:	Soil Vapor Probe Location Map
Plate 12:	500-Foot Well Location Radius Map
Plate 13:	Site Conceptual Model

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)

Distribution via e-mailed PDF:

Ms. Jo Bentz, NC-RWQCB, jbentz@waterboards.ca.gov

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 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

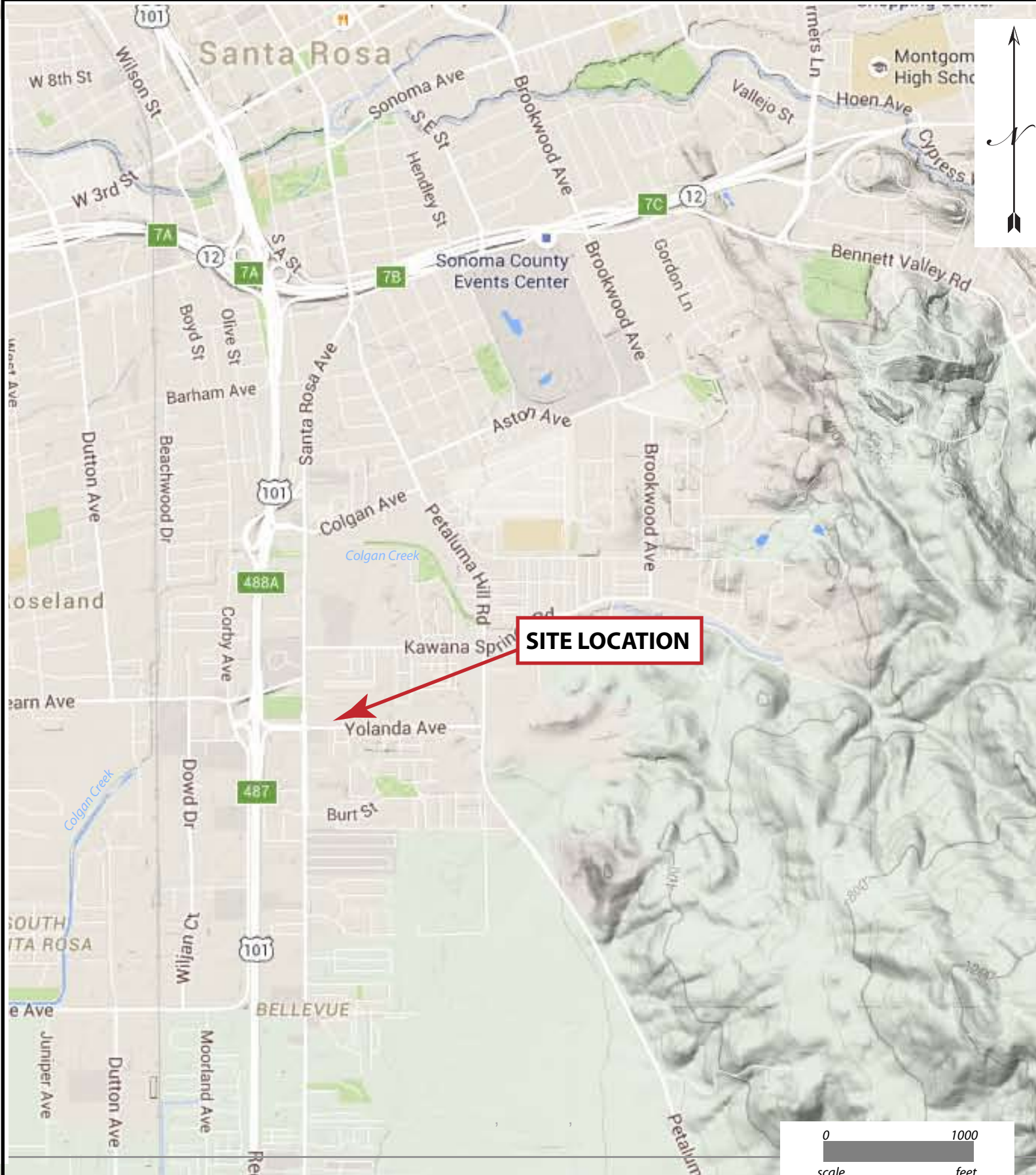
Based on our review, site conditions meet the general and media-specific criteria established in the Low-Threat Closure Policy, and therefore pose a low threat to human health, safety, and the environment, and satisfy the case-closure requirements of Health and Safety Code section 25296.10, and case 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
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PLATE
1



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ASSESSOR PARCEL MAP
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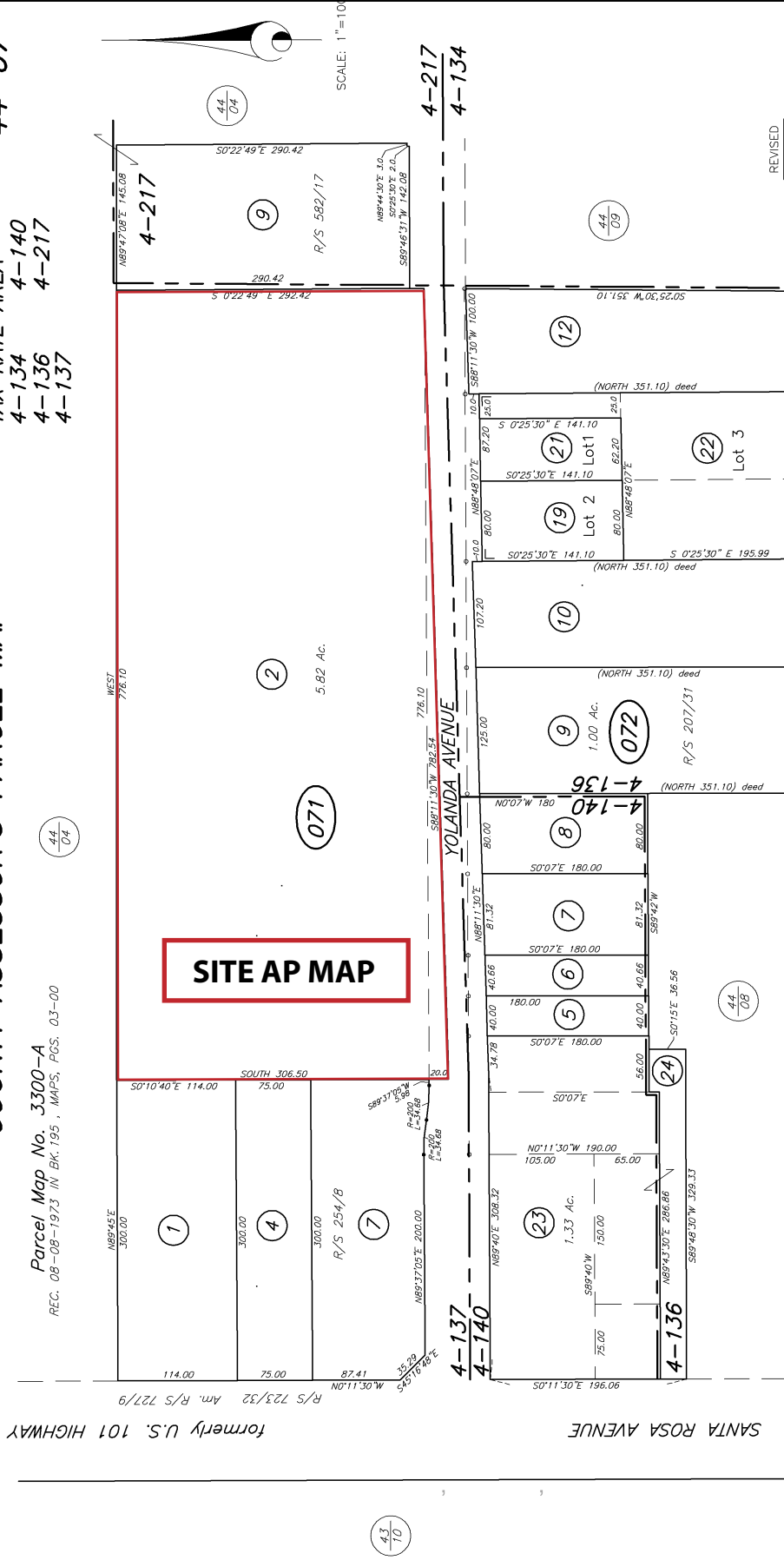
PLATE
2

COUNTY ASSESSOR'S PARCEL MAP

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

44-07

Parcel Map No. 3300-A
REC. 08-08-1973 IN BK. 195, MAPS, PGS. 03-00





FORMER DIESEL USTs

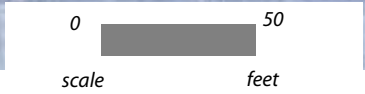
FORMER GASOLINE UST

**HULSMAN
TRANSPORTATION
SITE - 325 YOLANDA**

Yolanda Avenue

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

316 YOLANDA AVE



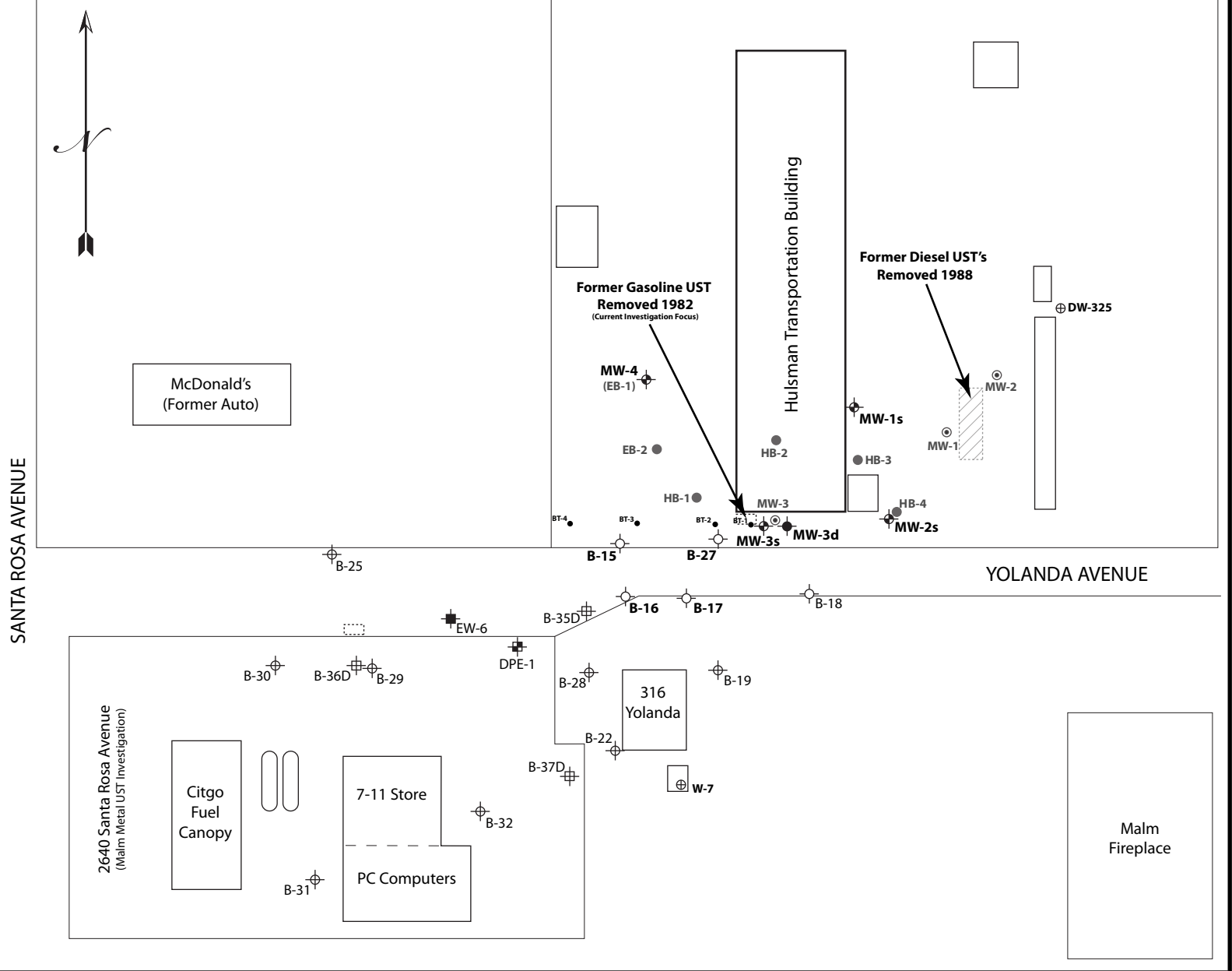
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**SITE MAP WITH FORMER UST LOCATIONS
REVISED LTCP EVALUATION FOR CASE CLOSURE**

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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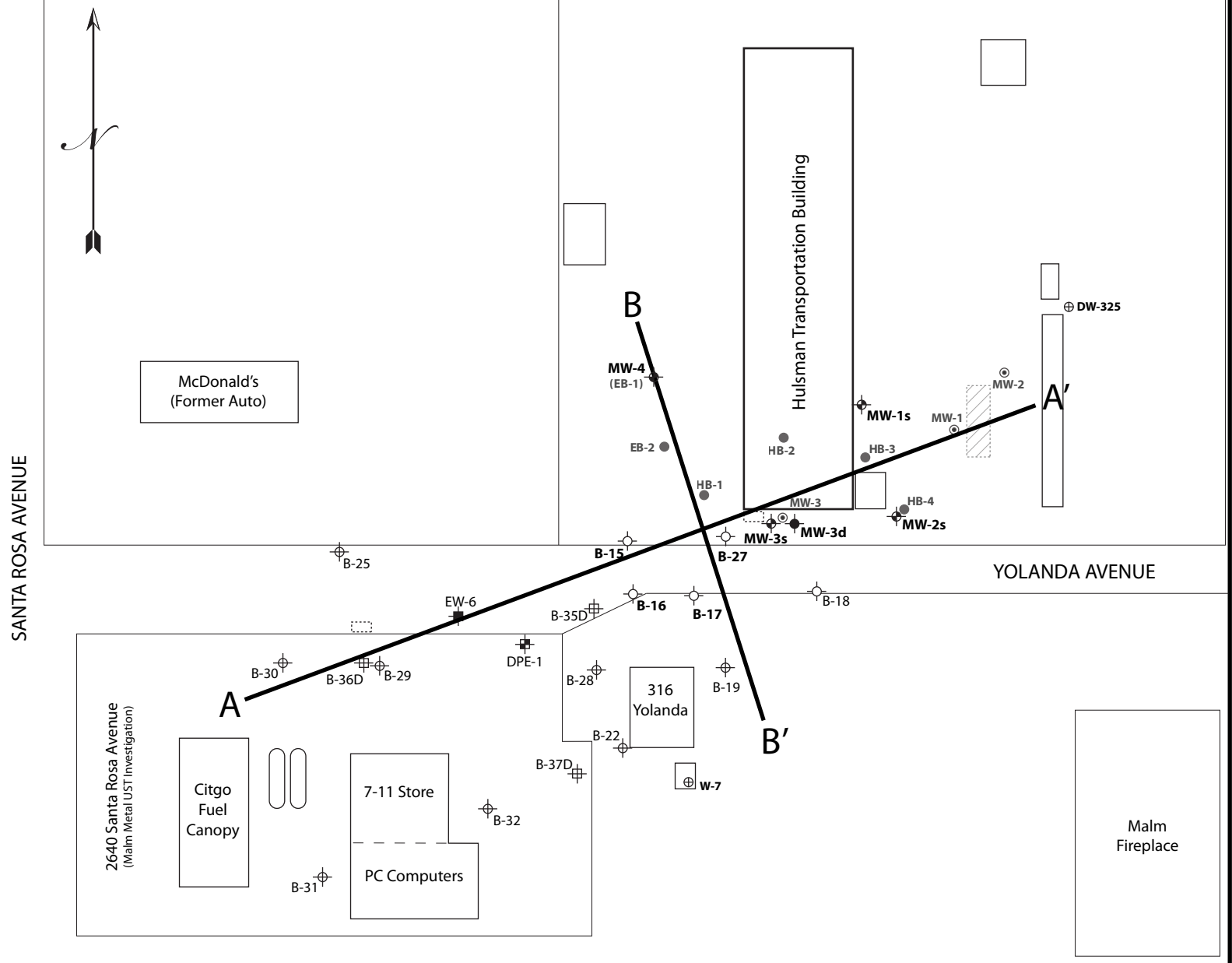
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EXPLORATORY LOCATIONS MAP
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Hulsman Transportation
325 Yolanda Avenue
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NC-RWQCB Case #1TSR050

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



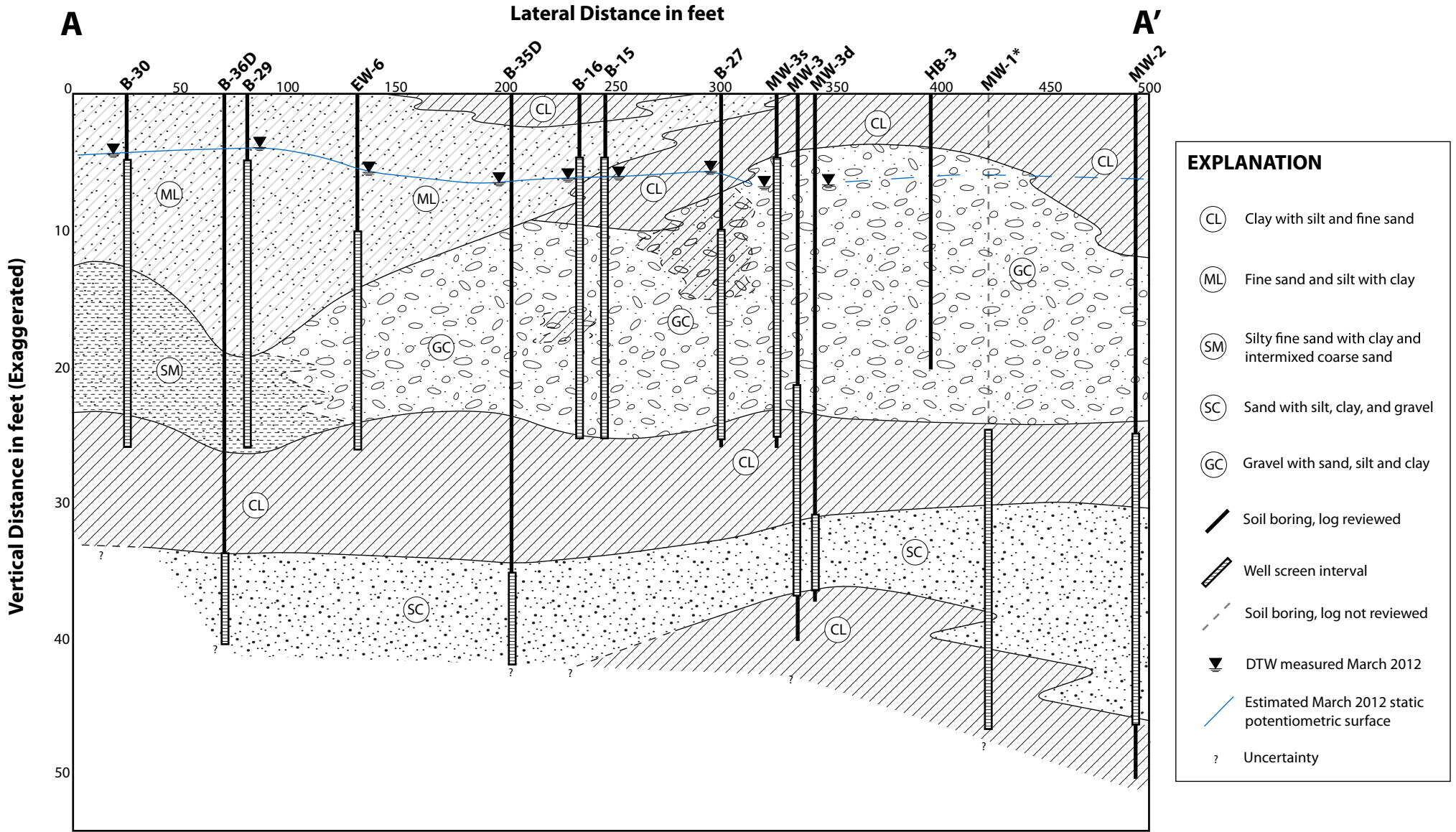
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GEOLOGIC CROSS SECTION MAP
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Hulsman Transportation
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NC-RWQCB Case #1TSR050

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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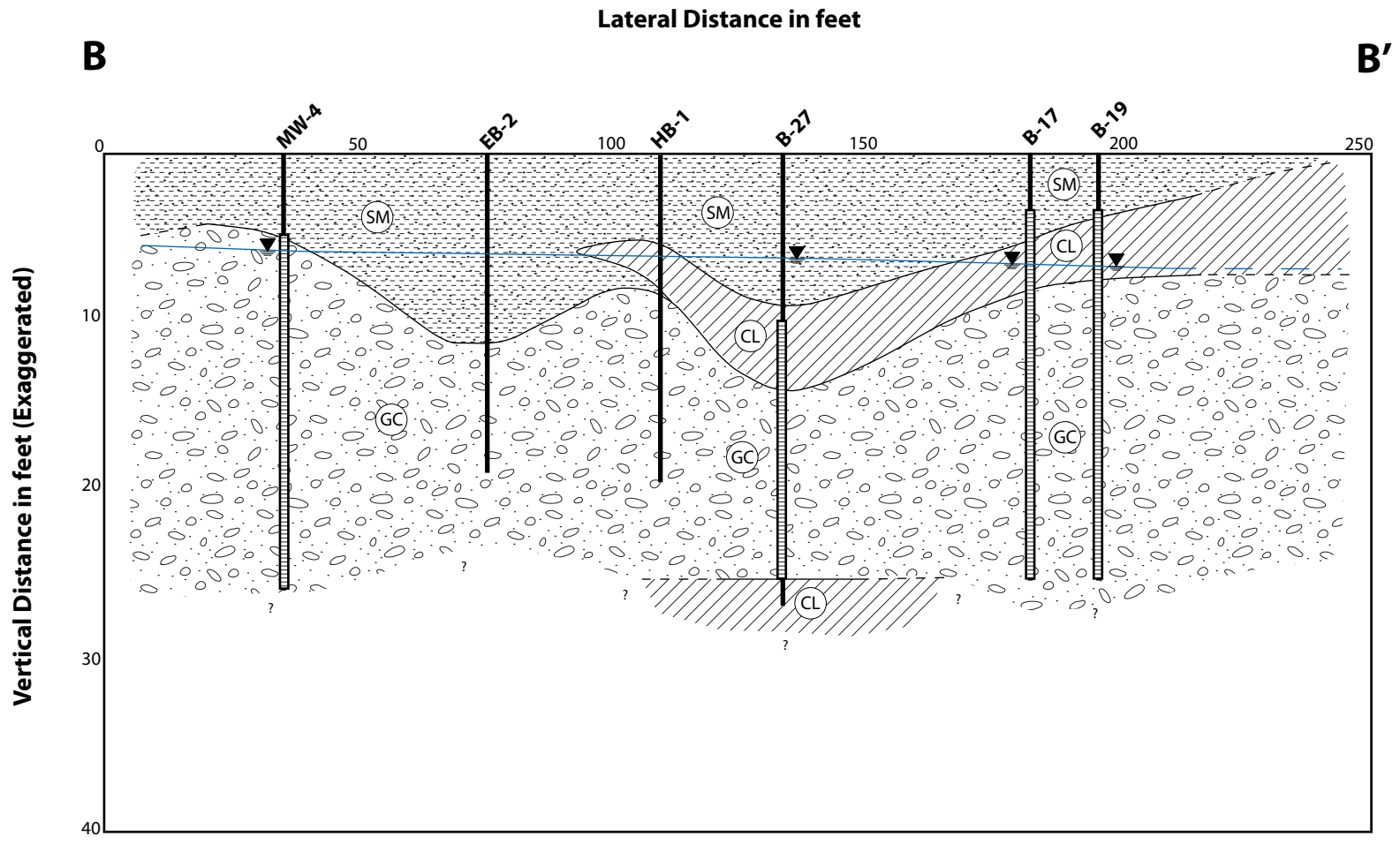
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GENERALIZED GEOLOGIC CROSS SECTION A-A'

REVISED LTCP EVALUATION FOR CASE CLOSURE

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

PLATE
6



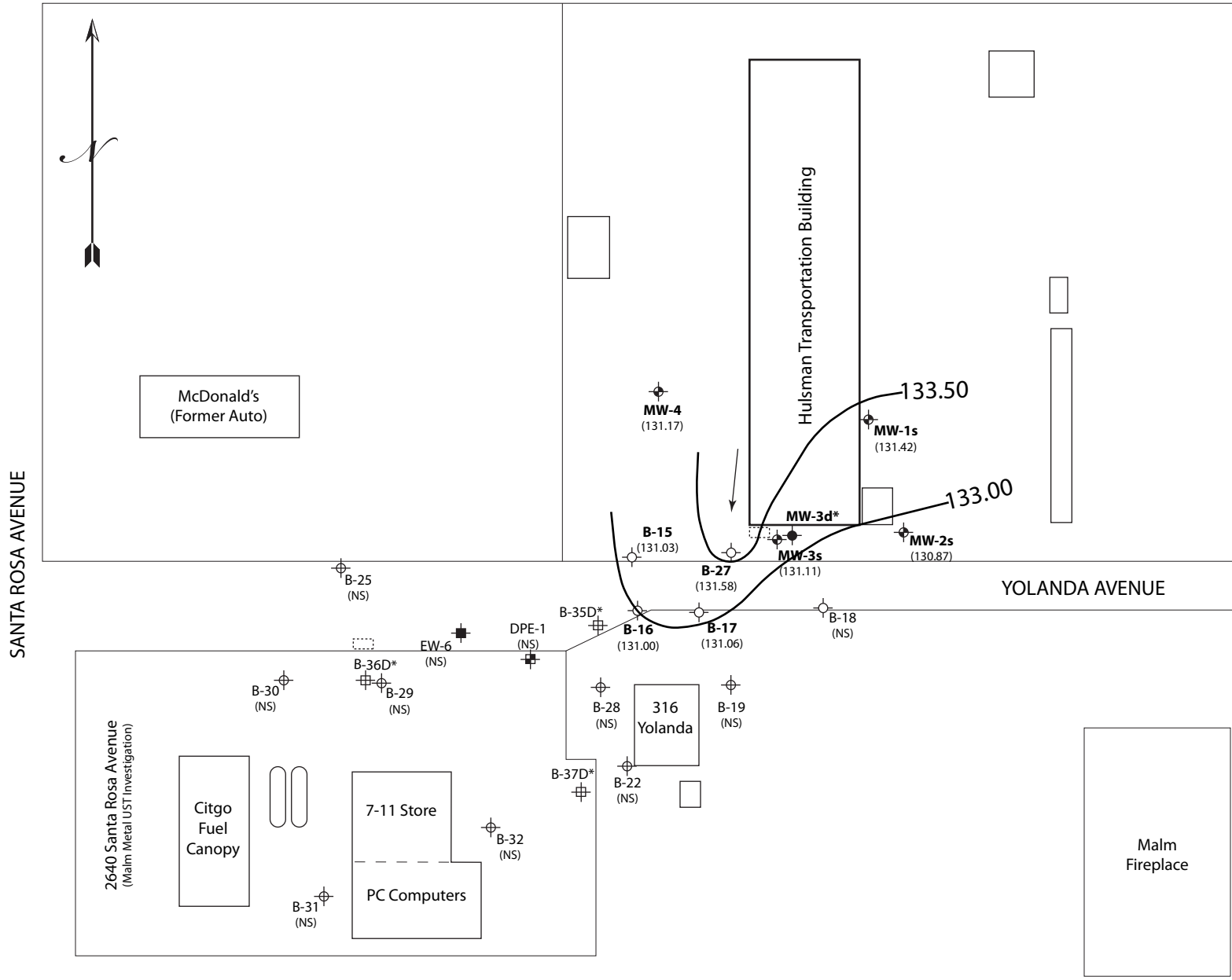
EXPLANATION	
(CL)	Clay with silt and fine sand
(ML)	Fine sand and silt with clay
(SM)	Silty fine sand with clay and intermixed coarse sand
(SC)	Sand with silt, clay, and gravel
(GC)	Gravel with sand, silt and clay
	Soil boring, log reviewed
	Well screen interval
	DTW measured March 2012
	Estimated March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



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GENERALIZED GEOLOGIC CROSS SECTION B-B'
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Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NC-RWQCB CASE NO. 1TSR050

PLATE
7



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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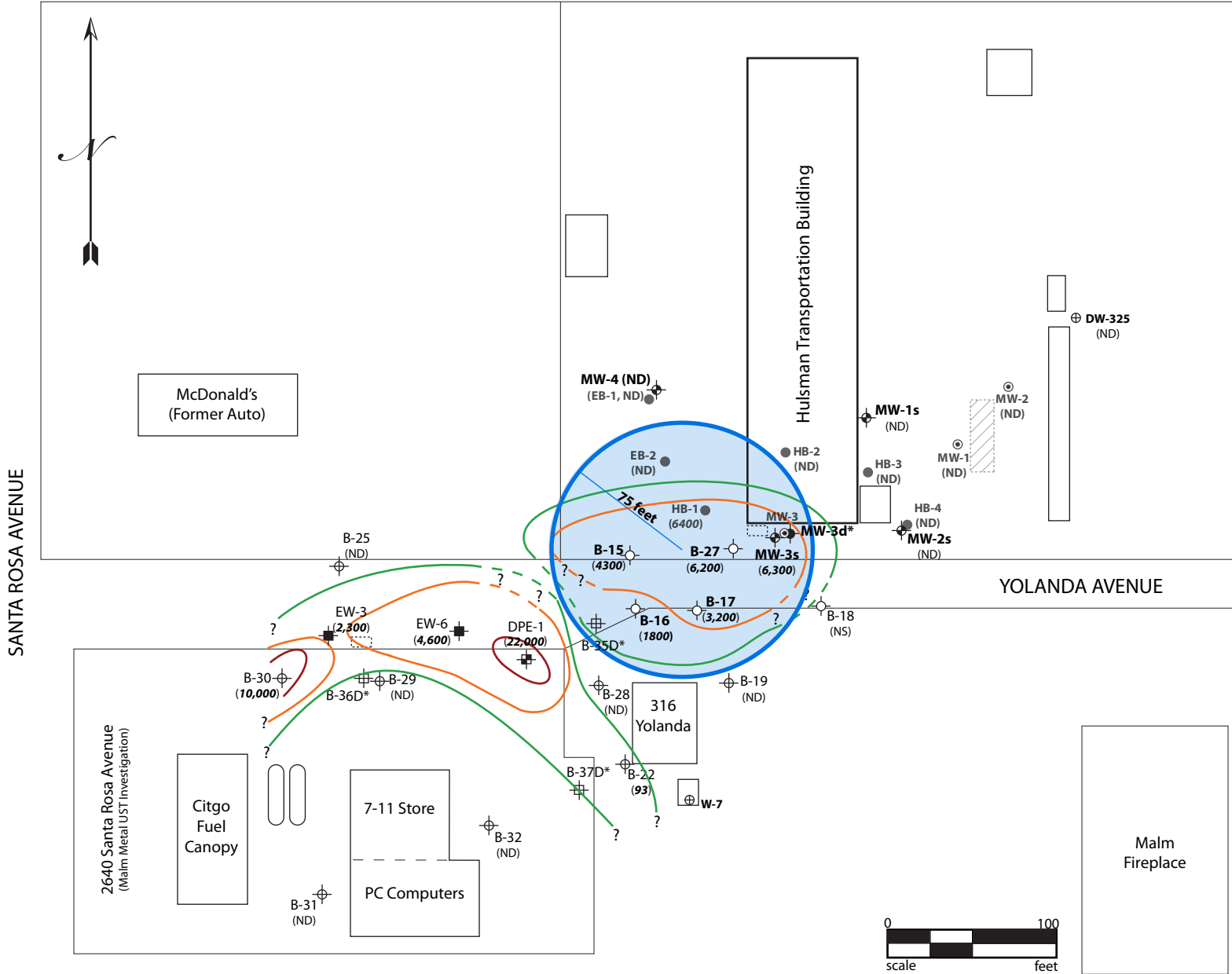
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2015 SHALLOW GRADIENT MAP
REVISED LTCP EVALUATION FOR CASE CLOSURE

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.



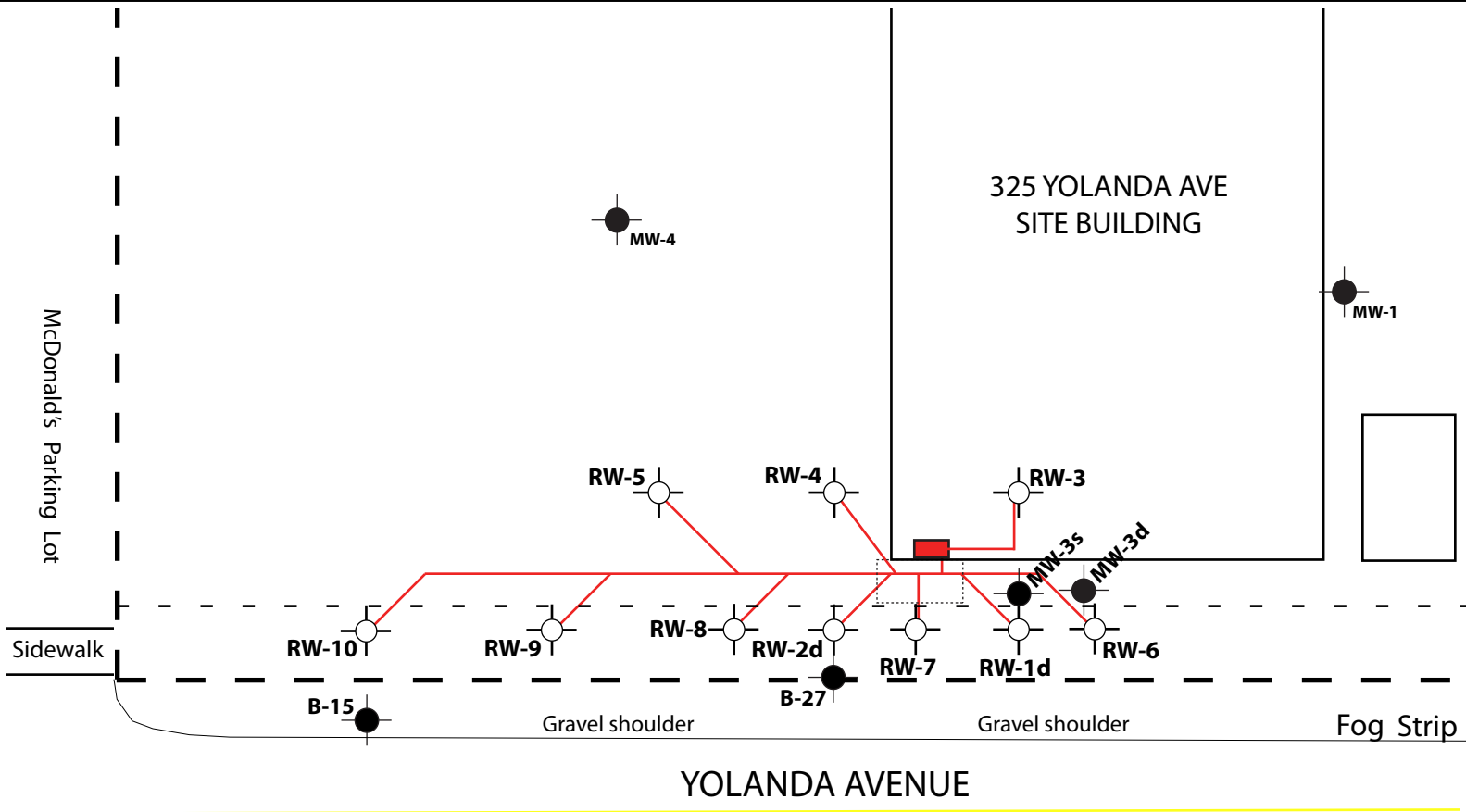
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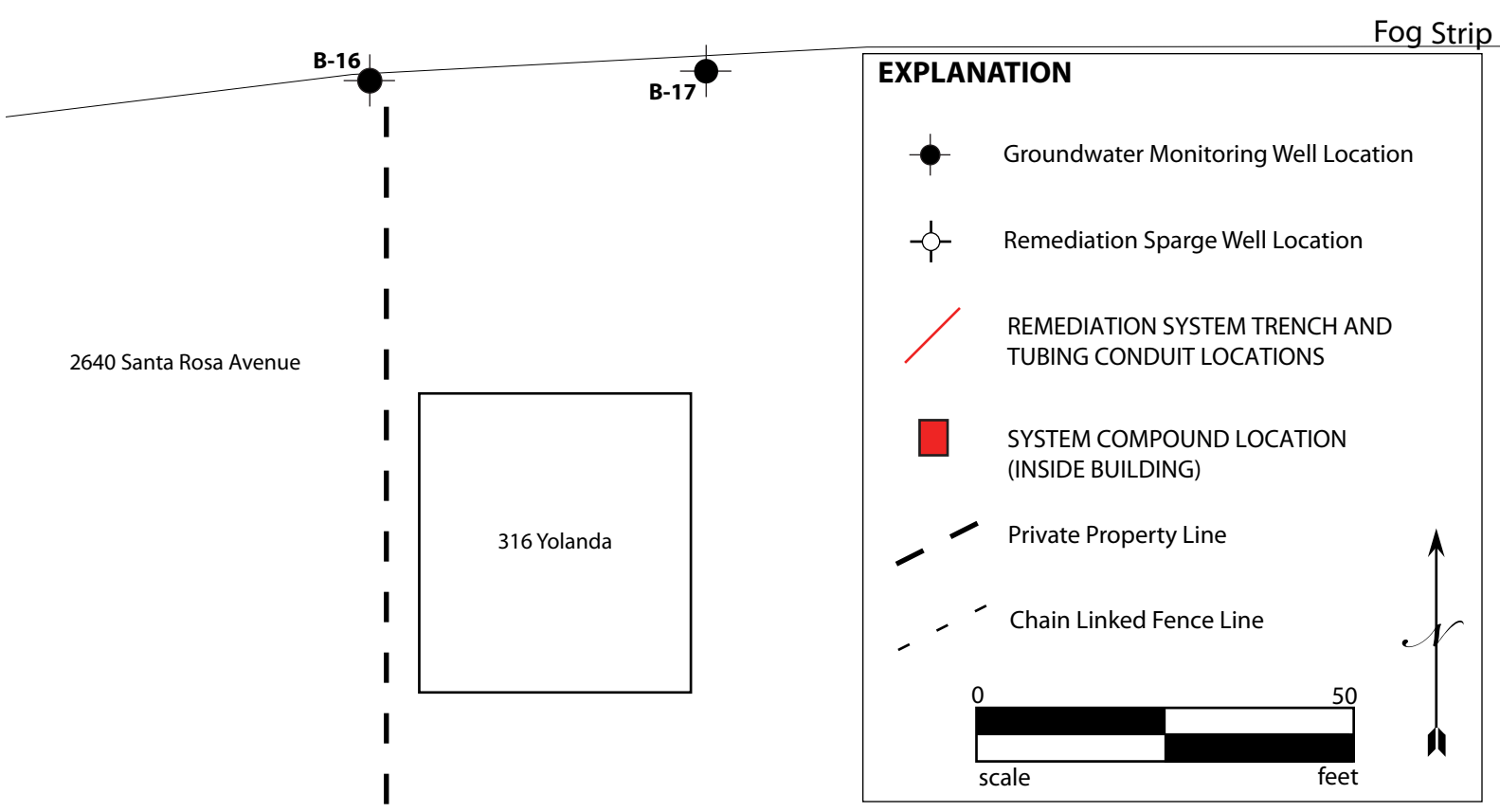
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TPH-G Contour with Radius of Impact (Mar 2015)
REVISED LTCP EVALUATION FOR CASE CLOSURE
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PLATE
9



YOLANDA AVENUE



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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
REVISED LTCP EVALUATION FOR CASE CLOSURE
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 CLSOURE

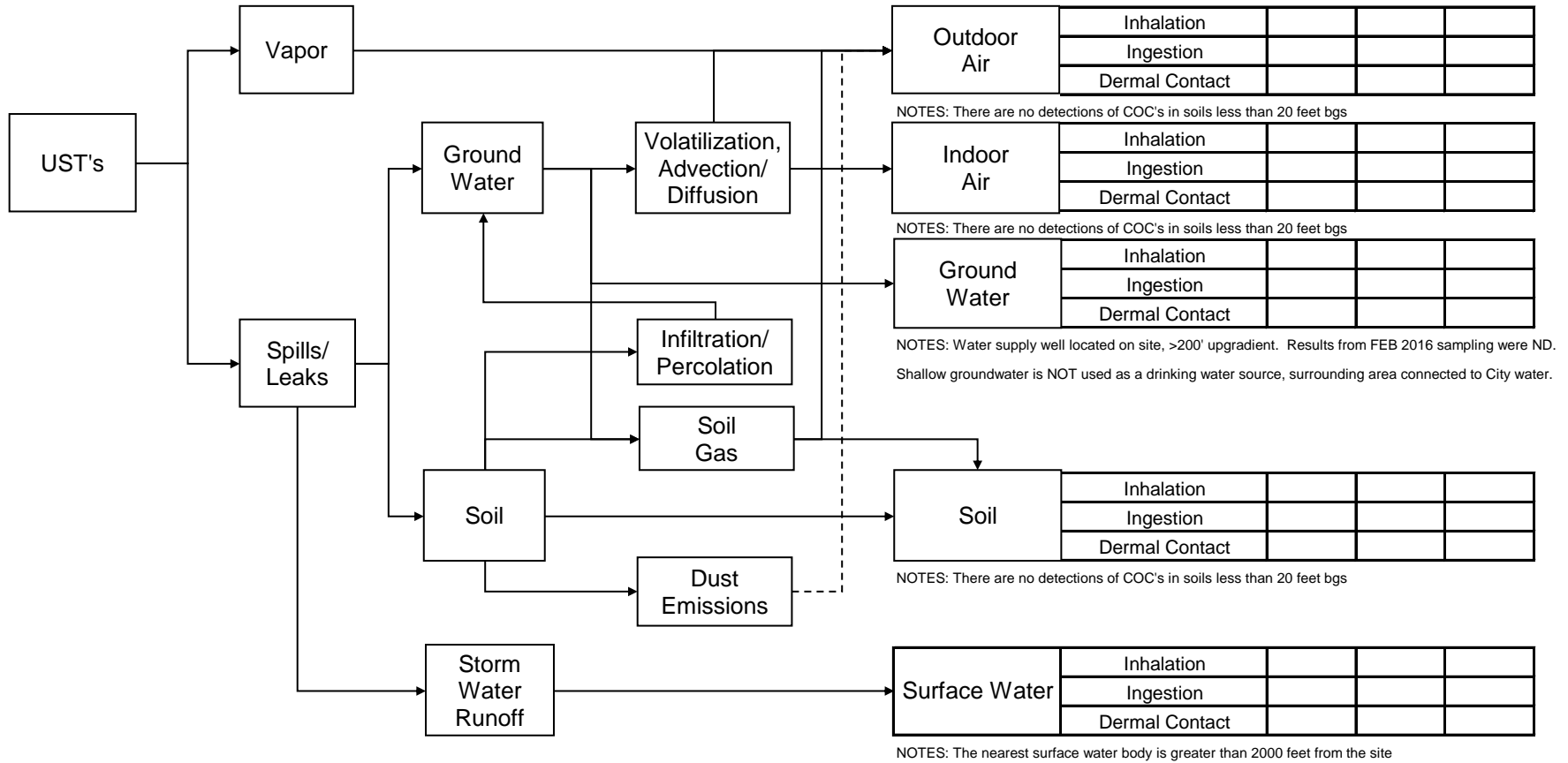
Hulsman Transportation
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NC-RWQCB Case #1TSR050

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

- Pathway is not complete; no evaluation required
- Pathway is or might be complete but is judged to be minor
- Pathway is or might be complete and could be significant

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

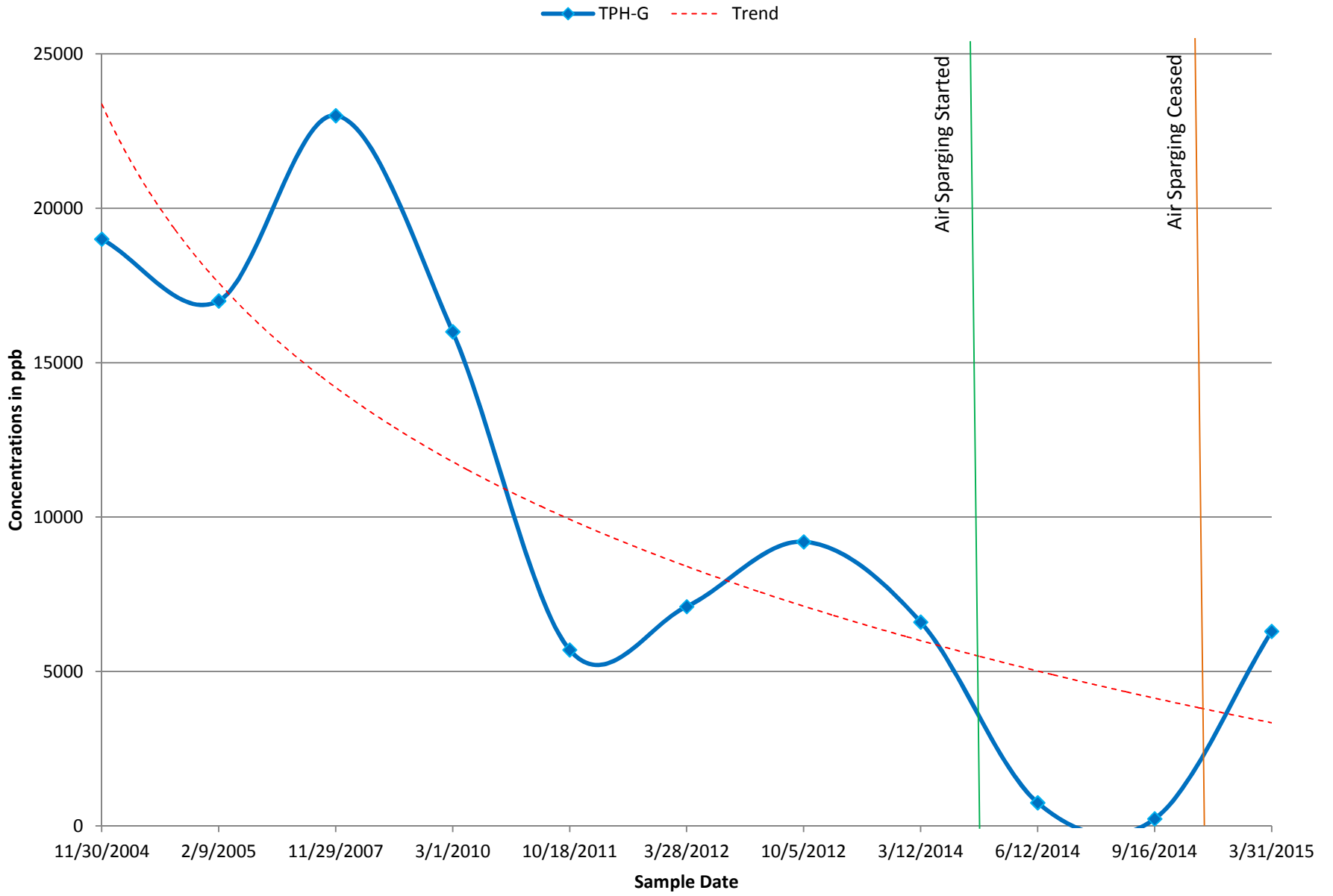


Chart 2: Historic Concentration Trend for Benzene in MW-3s

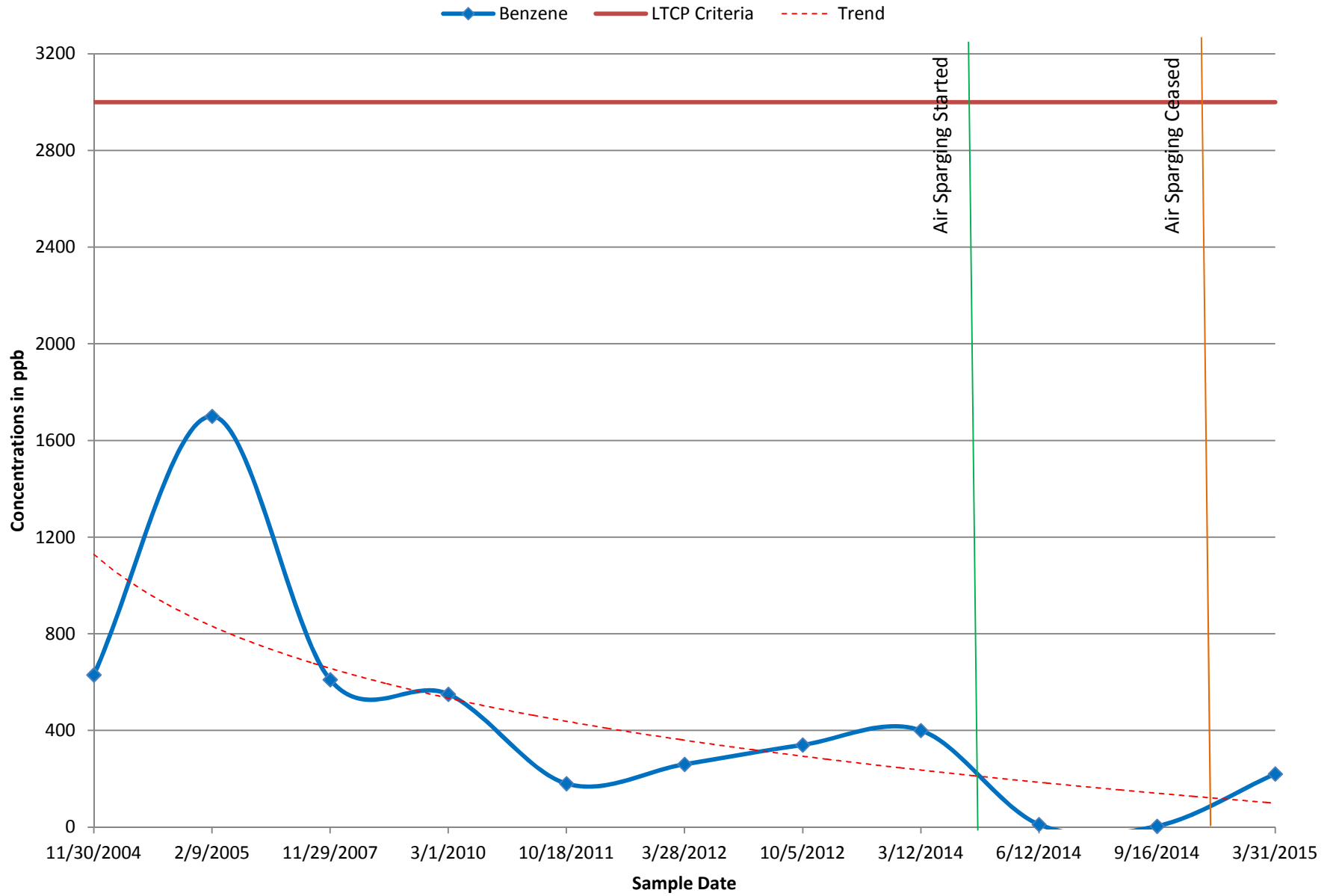


Chart 3: Historic Concentration Trend for TPH-G in MW-3d

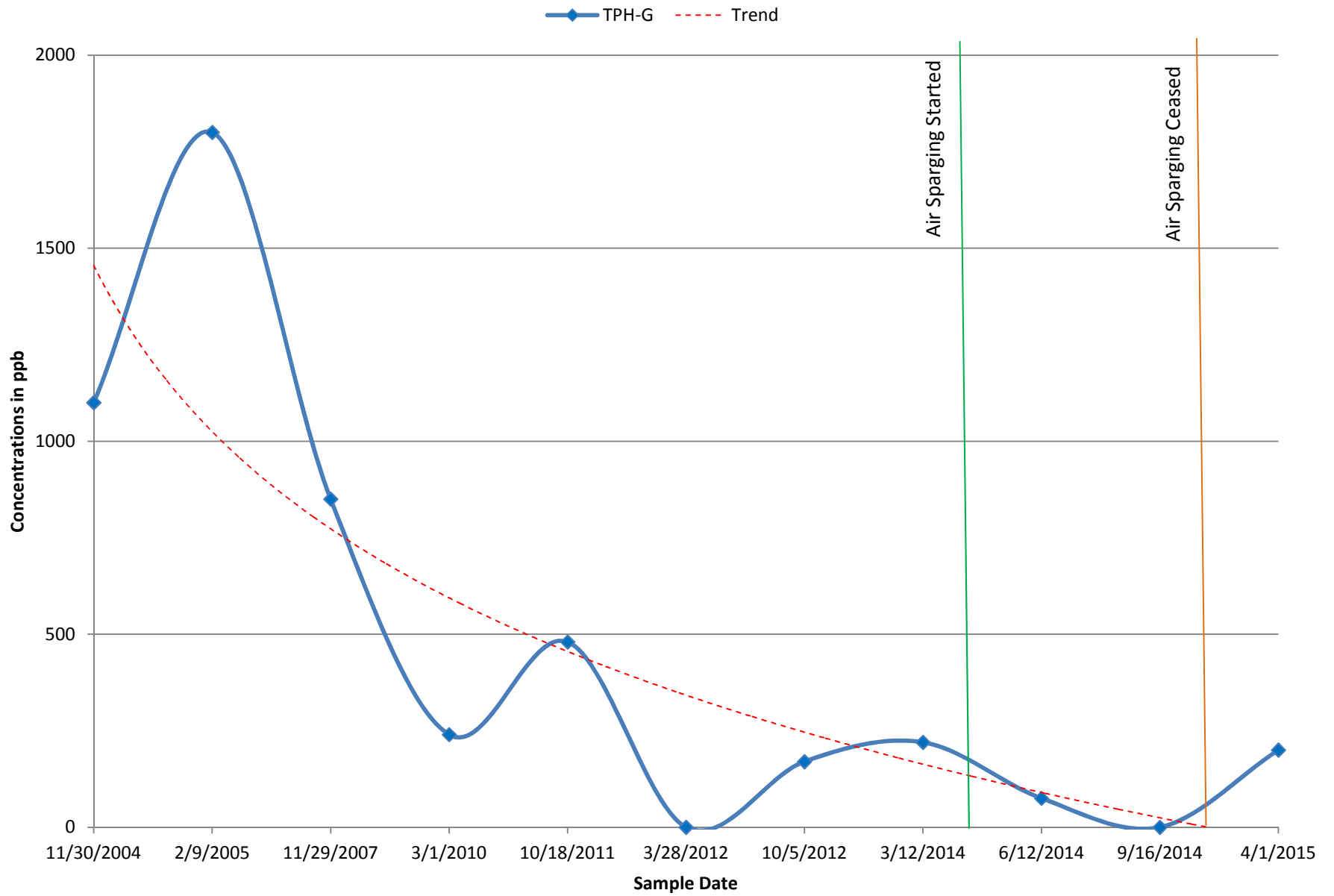


Chart 4: Historic Concentration Trend for Benzene in MW-3d

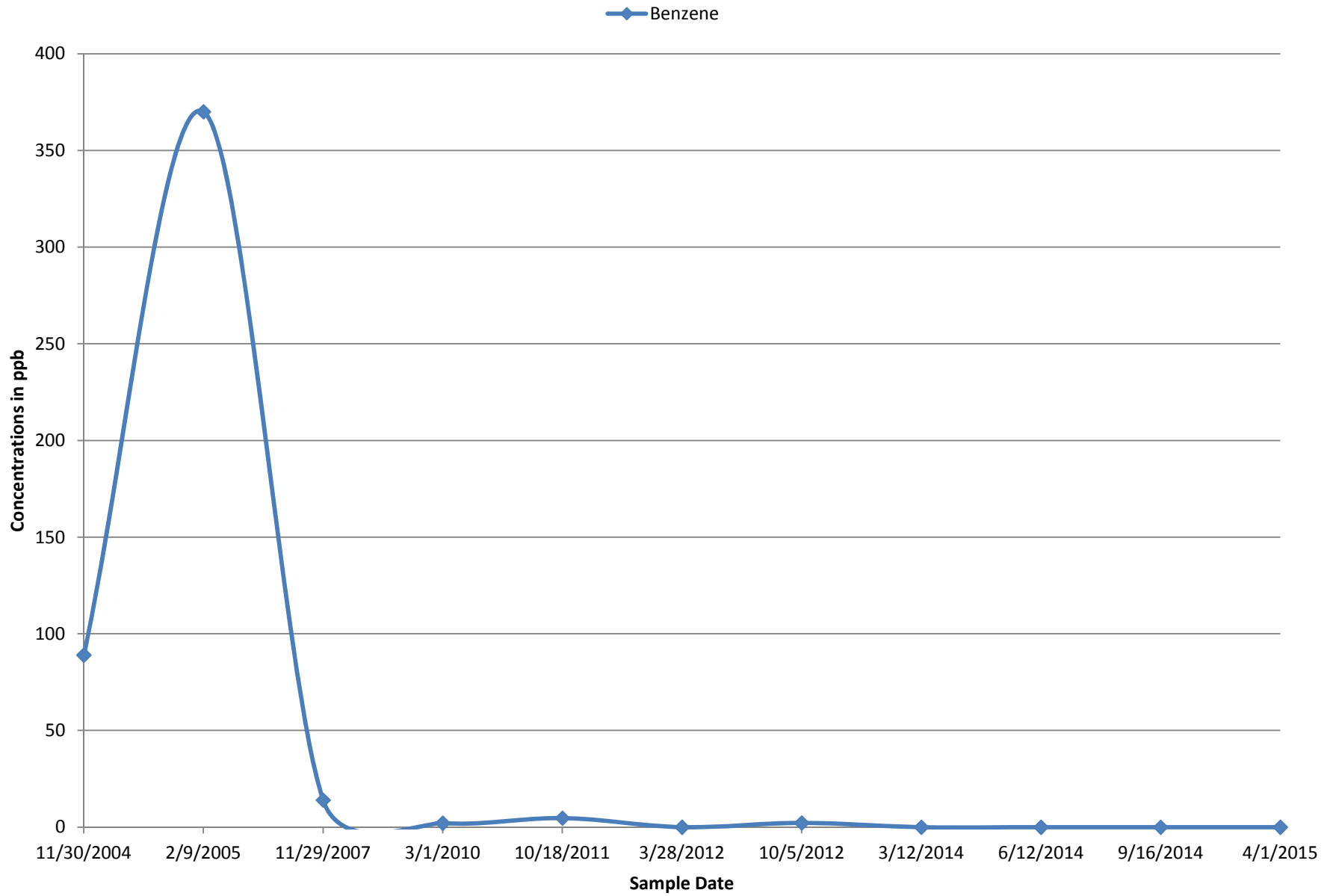


Chart 5: Historic Concentration Trend for TPH-G in B-15

The highest (initial) concentration of 45,000 ppb detected in June 1990 was removed for improved data representation.

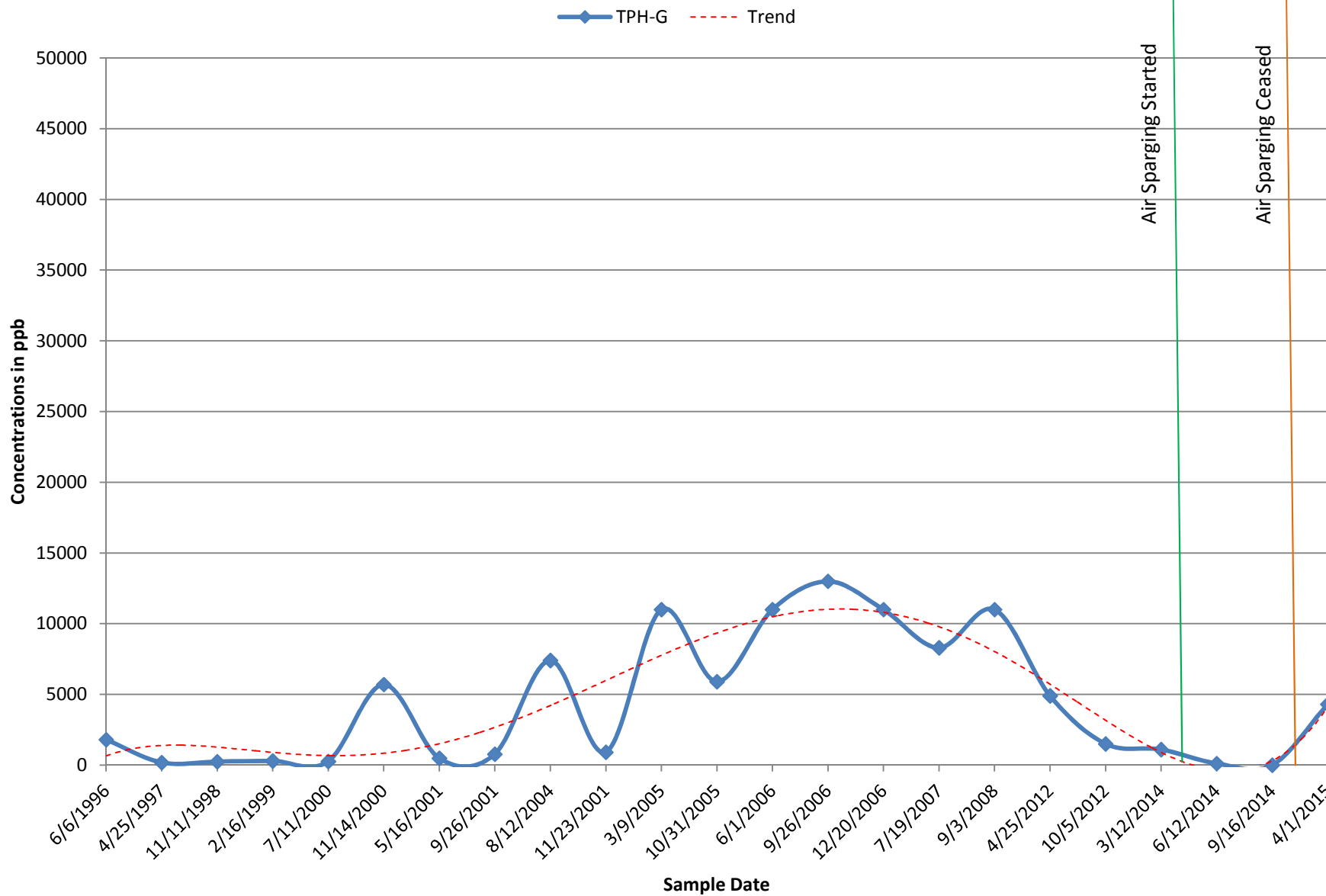


Chart 6: Historic Concentration Trend for Benzene in B-15

The highest (initial) concentration of 12,000 ppb detected in June 1990 was removed for improved data representation.

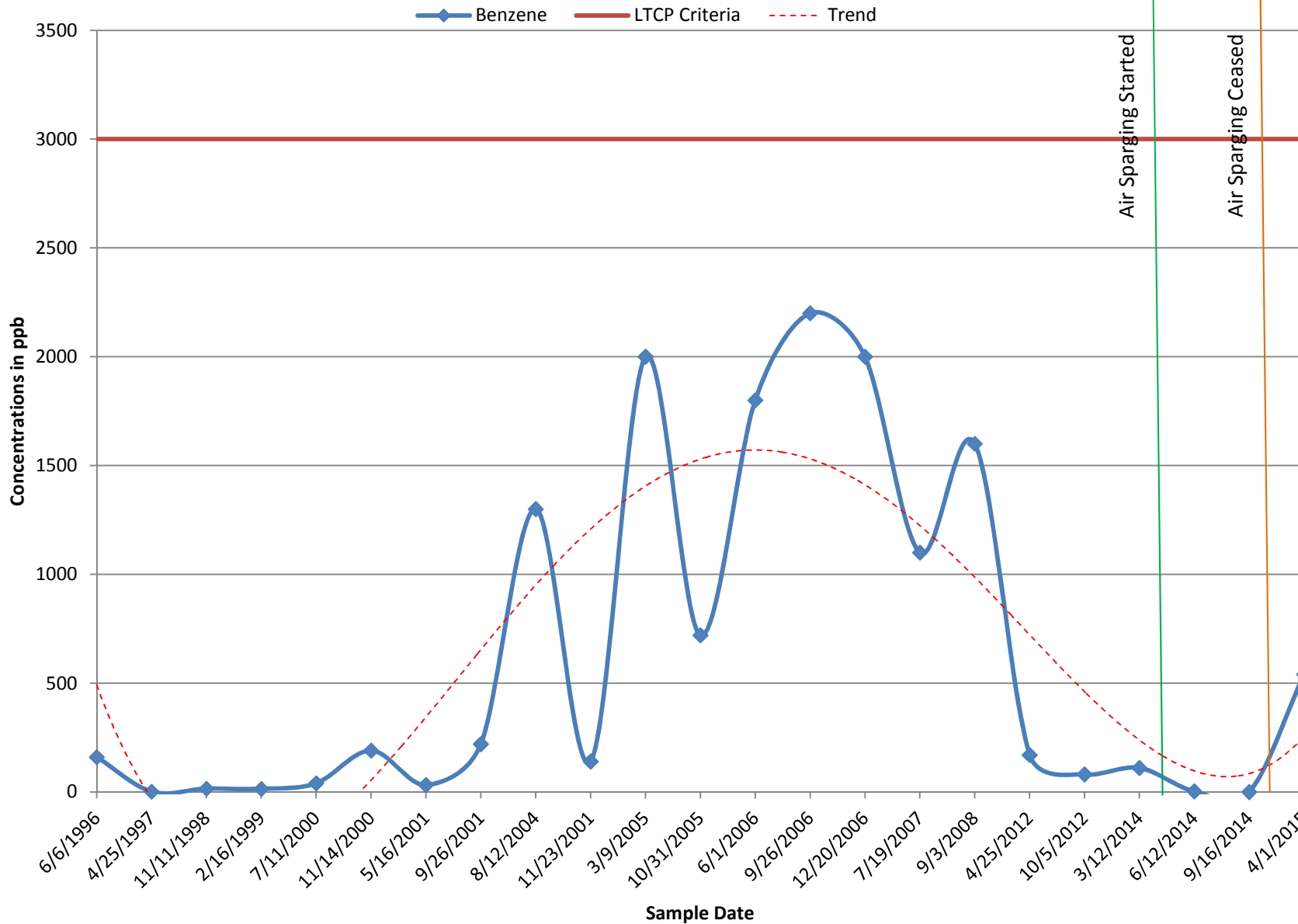


Chart 7: Historic Concentration Trend for TPH-G in B-16

The highest (initial) concentration of 43,000 ppb detected in December 1989 was removed for improved data representation.

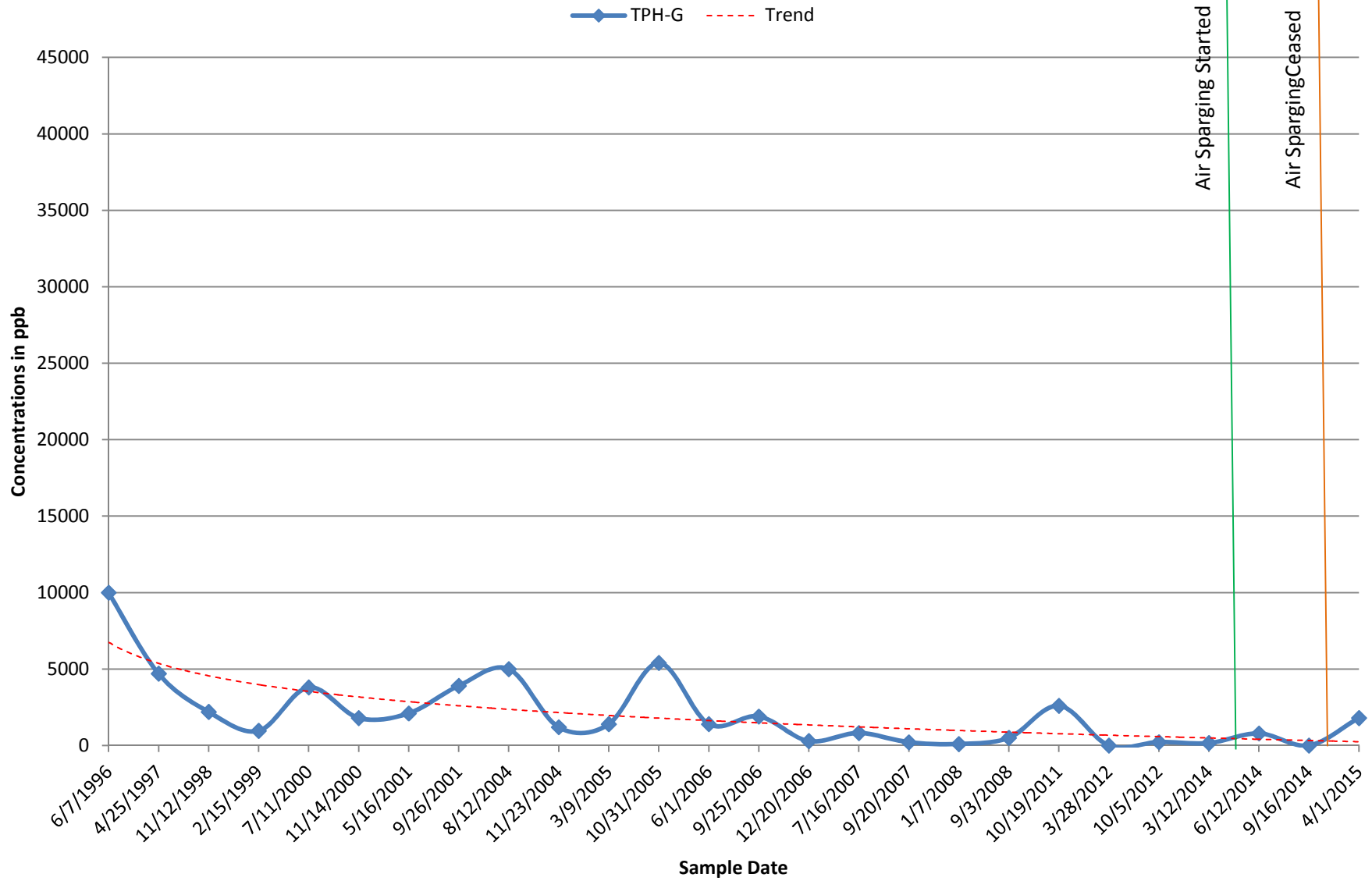


Chart 8: Historic Concentration Trend for Benzene in B-16

The highest (initial) concentration of 10,000 ppb detected in December 1989 was removed for improved data representation.

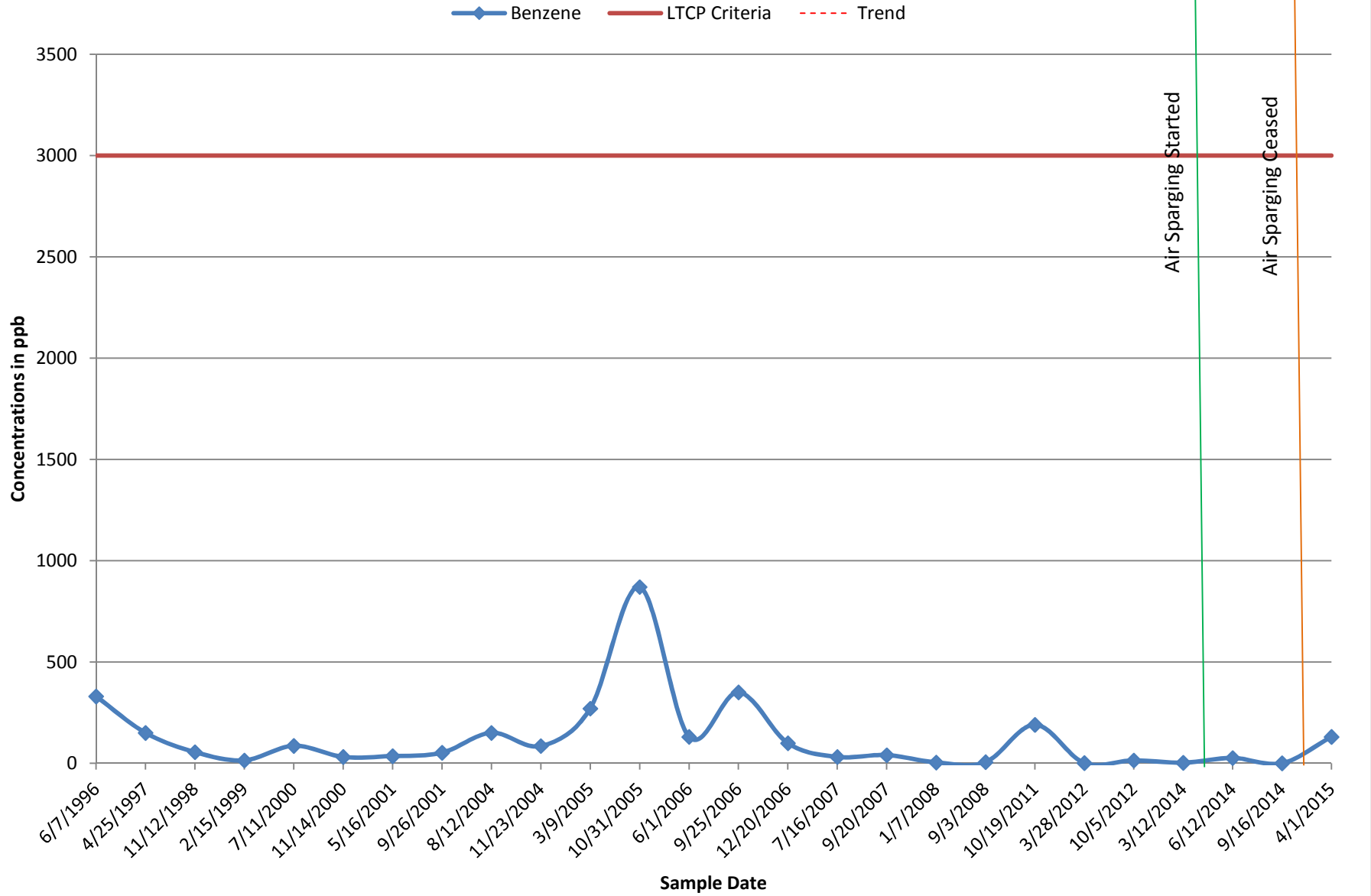


Chart 9: Historic Concentration Trend for TPH-G in B-17

The highest (initial) concentration of 49,000 ppb detected in November 1998 was removed for improved data representation.

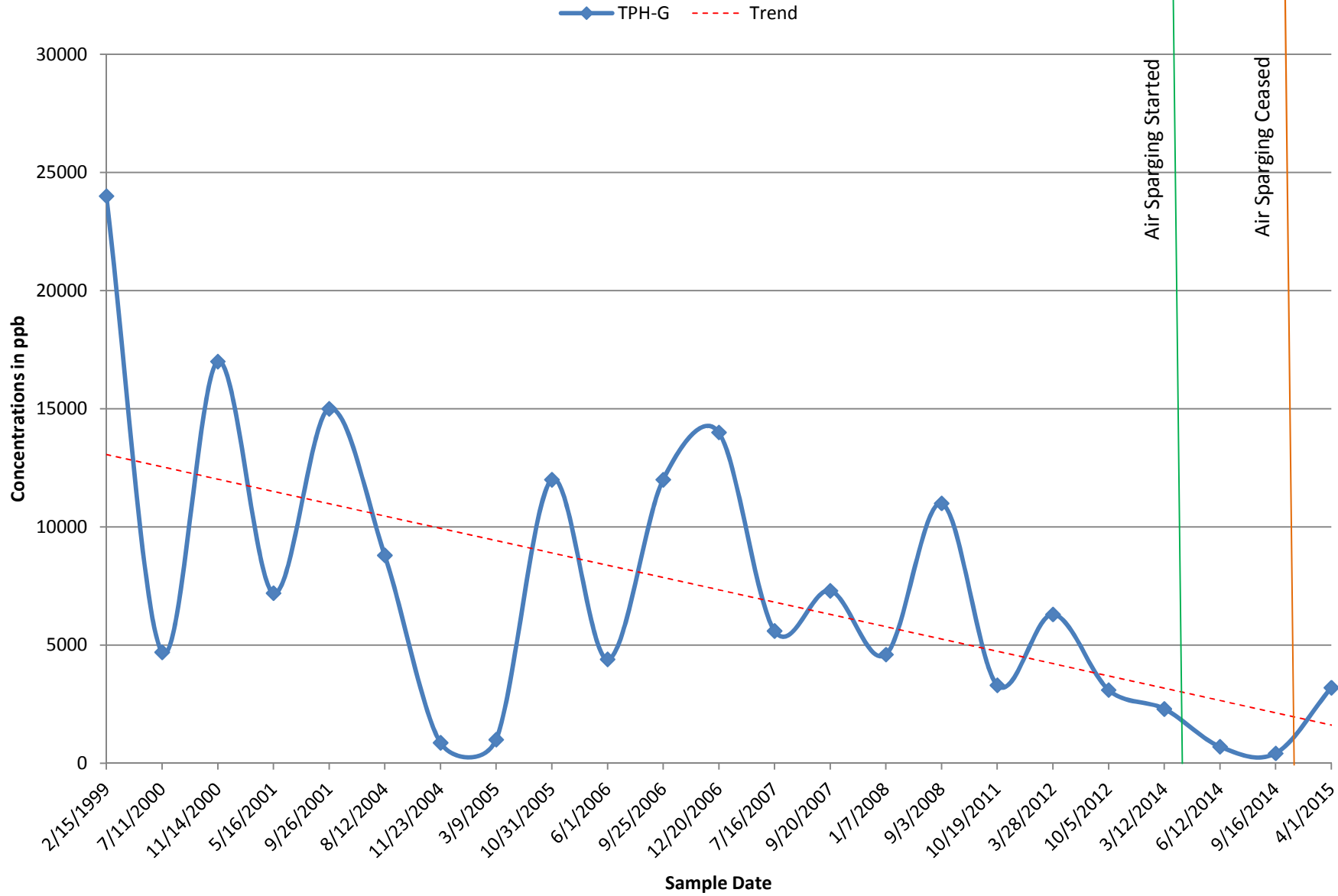


Chart 10: Historic Concentration Trend for Benzene in B-17

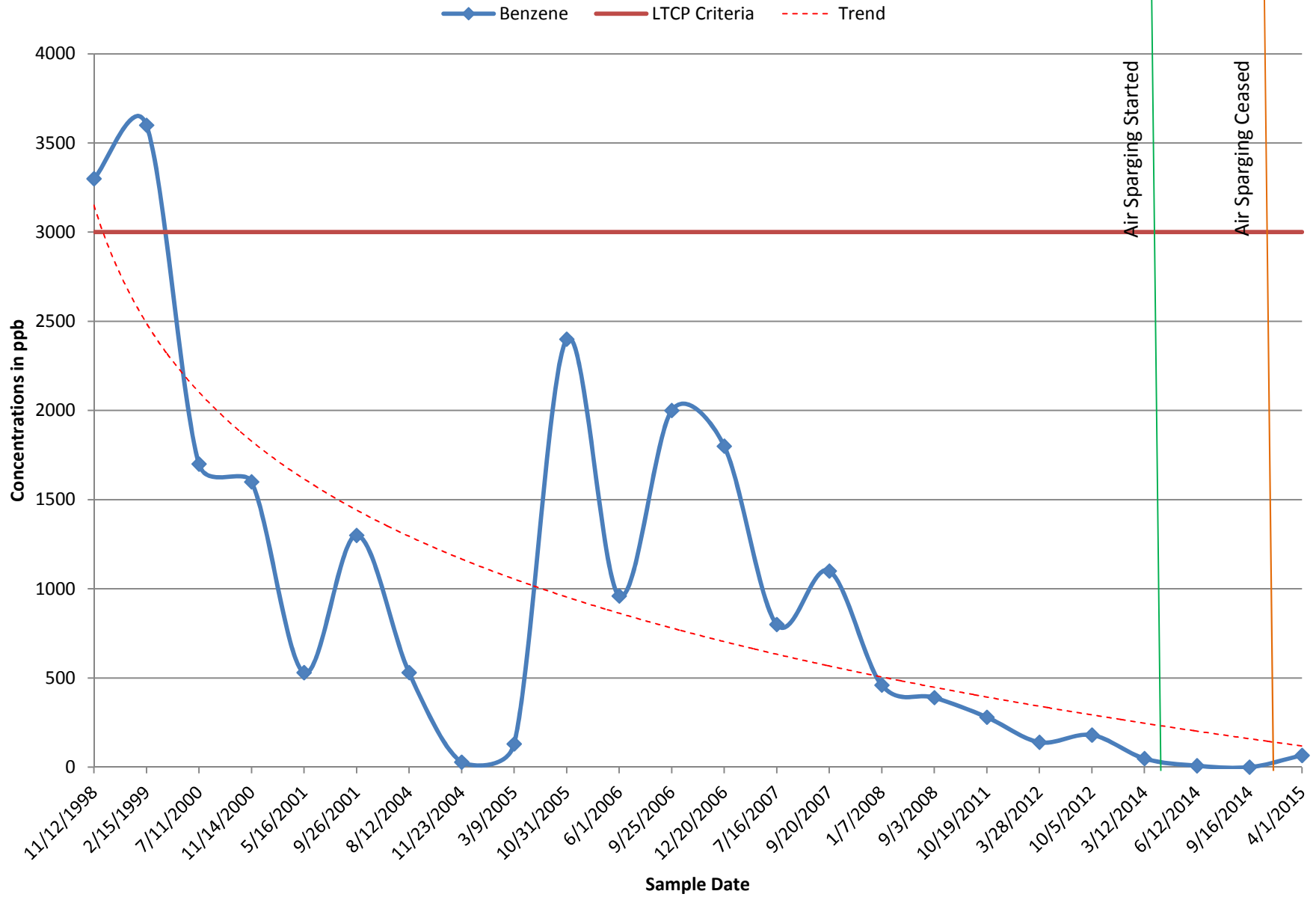


Chart 11: Historic Concentration Trend for TPH-G in B-27

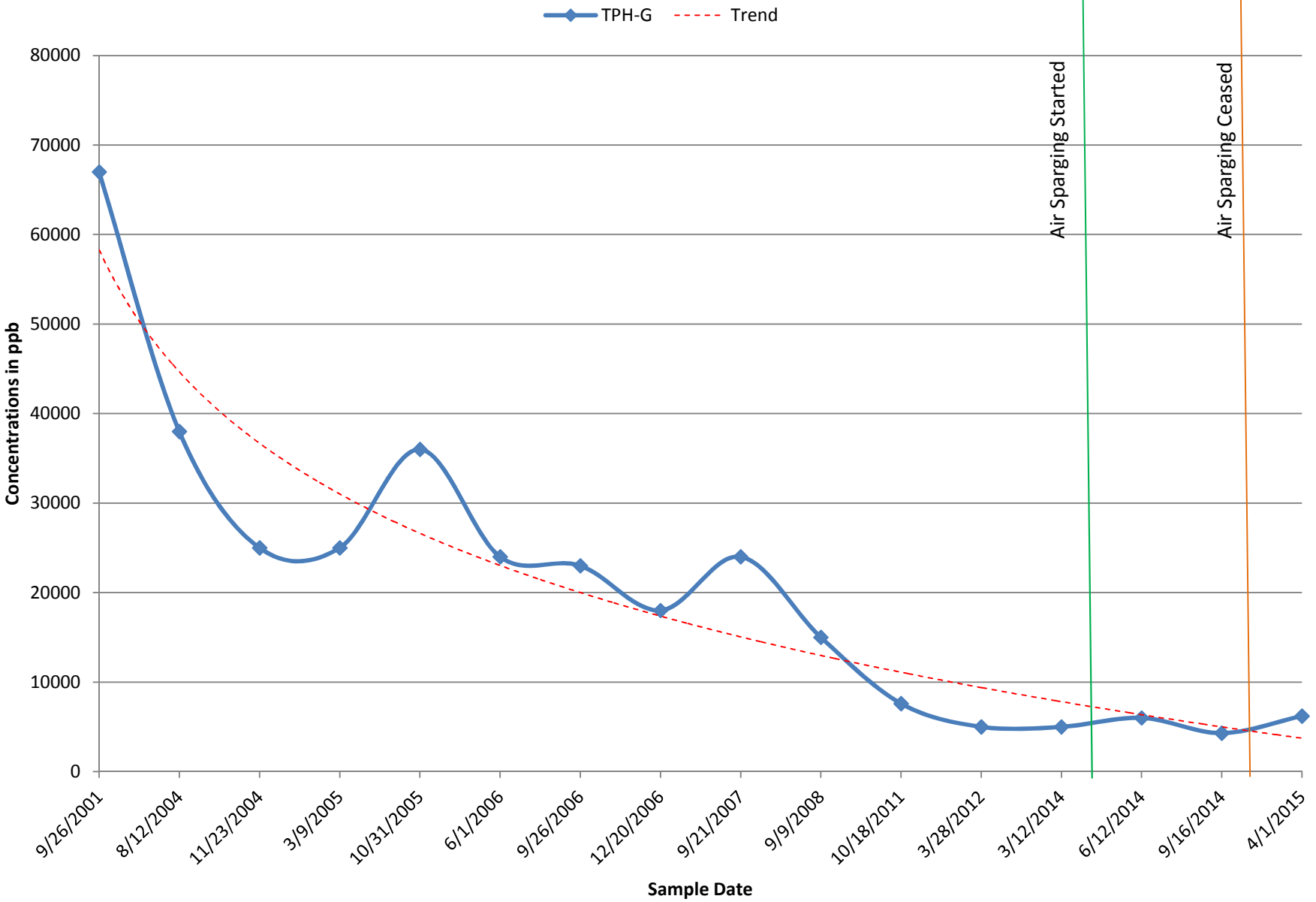
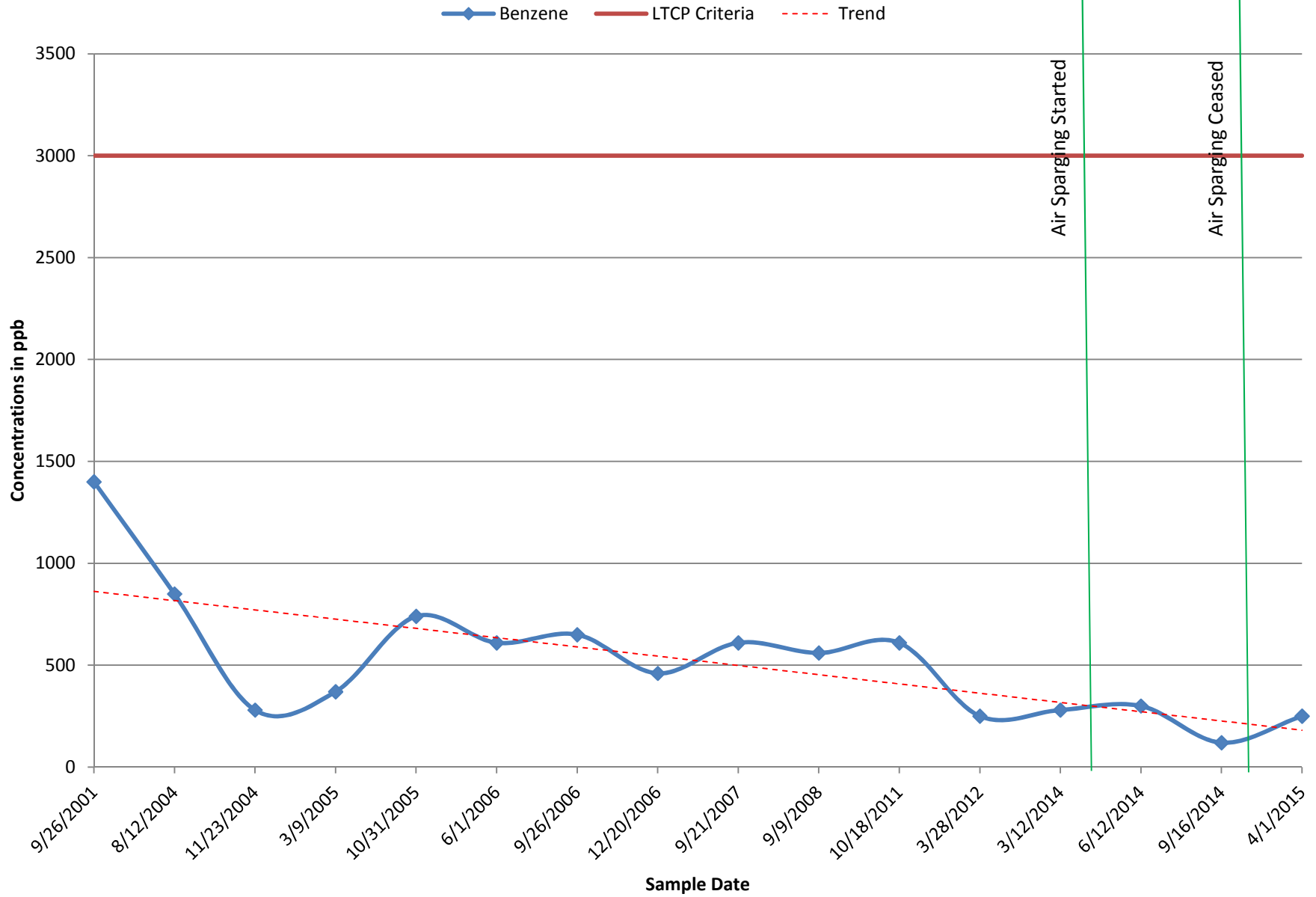
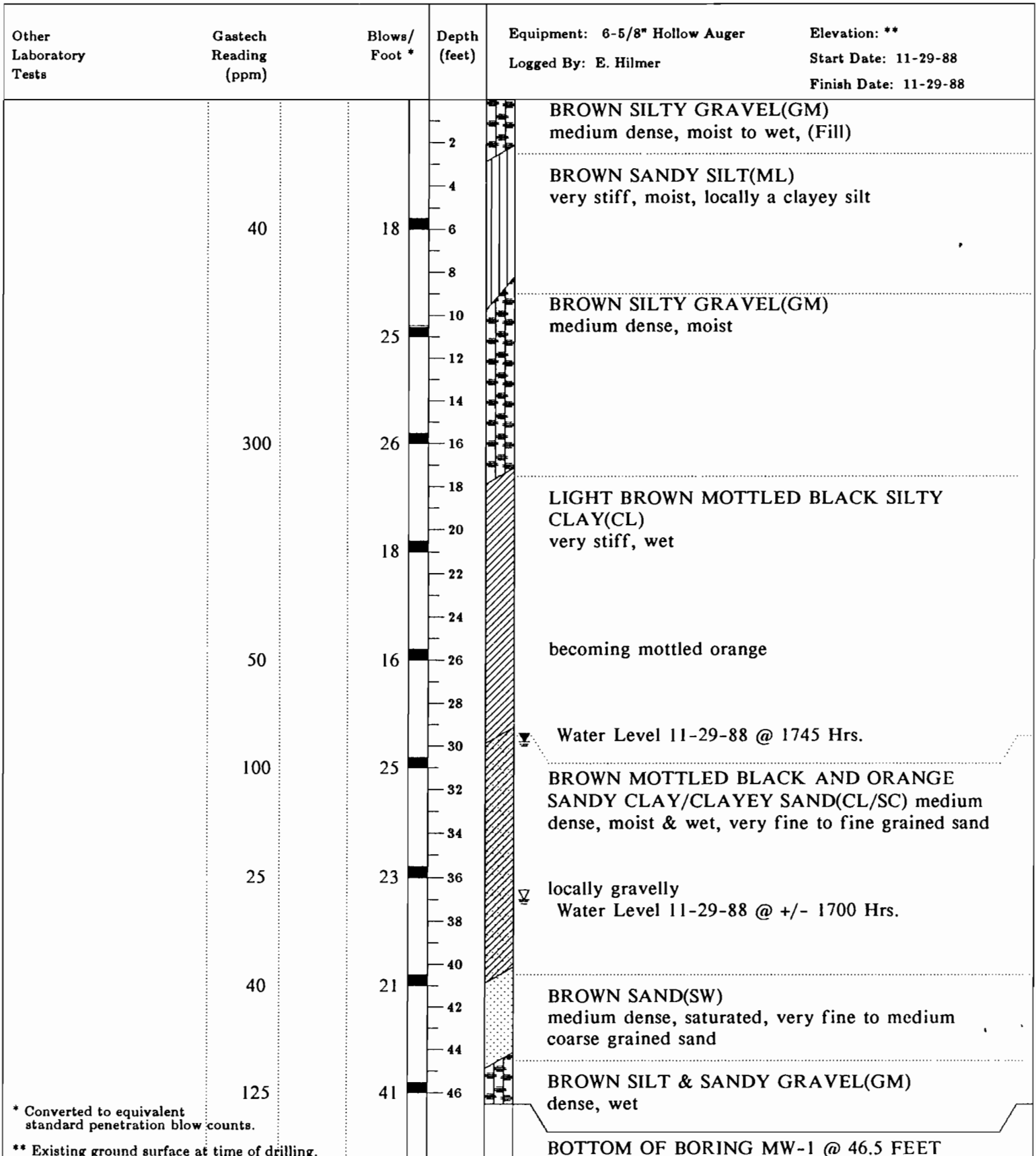


Chart 12: Historic Concentration Trend for Benzene in B-27



APPENDIX D

Boring Logs



* 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	SILTS AND CLAYS LIQUID LIMIT LESS THAN 50		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 DIATOMACEOUS 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

Consol	Consolidation	Tx	630 (2400)	Shear Strength, psf	Unconsolidated Undrained Triaxial
LL	Liquid Limit (in %)	TxCU	240 (2100)	Confining Pressure, psf	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: PAH

Drwn: PD

Date: Dec. 1988

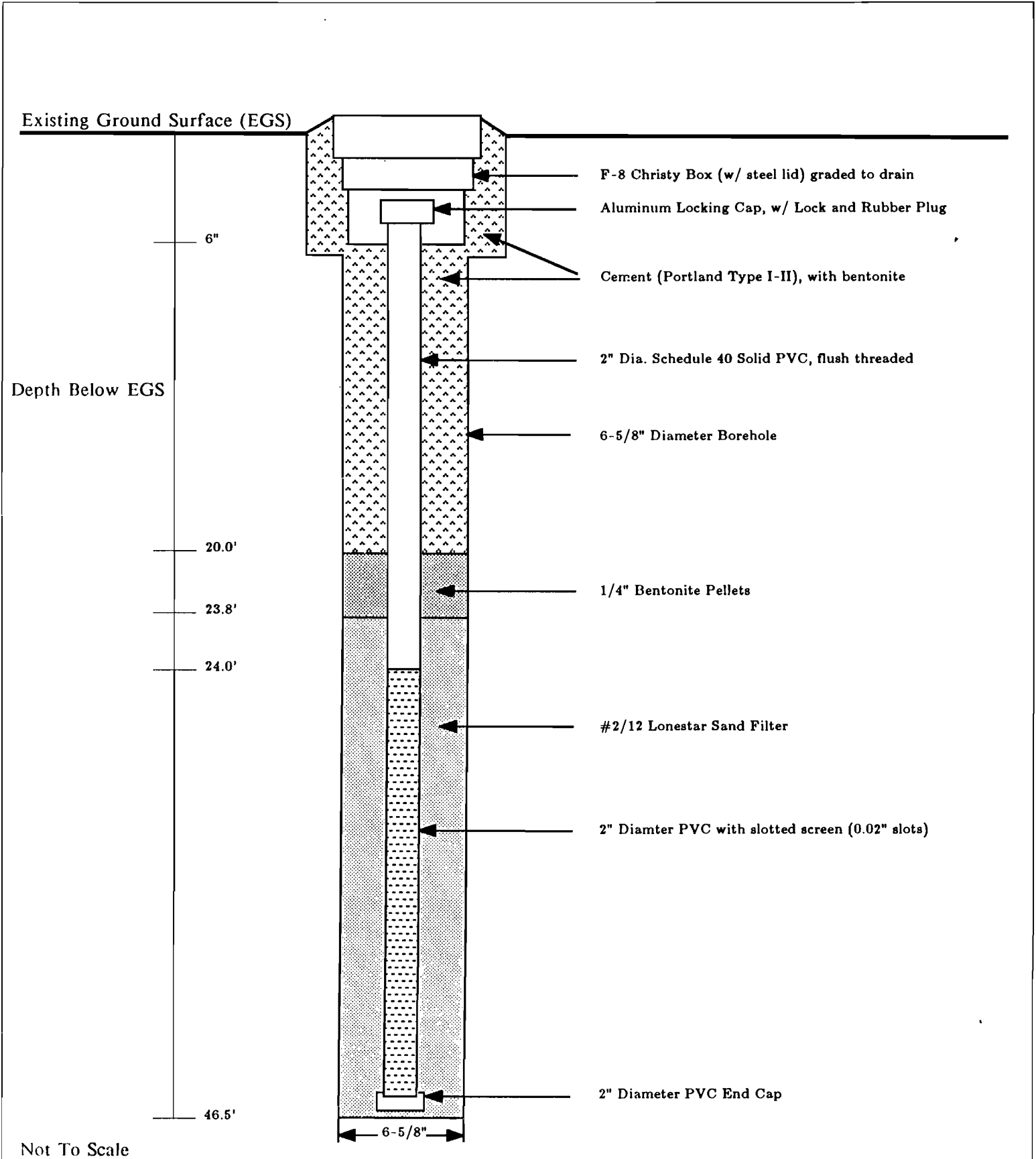
SOIL CLASSIFICATION CHART AND KEY TO TEST DATA

HULSMAN TRANSPORTATION

Santa Rosa, California

PLATE

4



Herzog Associates
Geoscientists

Job No: 15176.01.00.7

Appr: *RAH*

Drwn: 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
	15	MC	70%			22	5	
	6	MC	90%			24	10	
	5	MC	100%			13	15	
XX	7	MC	100%			27	20	
	6	MC	100%			12	25	
XX	11	MC	100%			20	30	
	10	MC	80%			47	35	
							40	
							45	

MATERIAL DESCRIPTION

4 / 27 / 1980

8 - INCH HOLLOW AUGER

EXISTING GROUND SURFACE

GREY BROWN SILTY GRAVEL (GM), compact, dry (FILL)

DARK BROWN SANDY AND CLAYEY SILT (ML), semicompact, moist, in part FILL

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

local lenses of CLAYEY VERY FINE TO MEDIUM SAND (SC), semicompact, very moist/wet

BROWN SLIGHTLY CLAYEY SAND (SC/SW), compact, wet to saturated interlayered with BROWN SANDY GRAVEL (GW), dense, saturated

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			
							85			

HILMER
CONSULTING
 ENVIRONMENTAL / GEOTECHNICAL
 SANTA ROSA, CALIFORNIA

JOB NO
 P133.1
 BY
 EAH
 LICENSE
 CEG# 12184

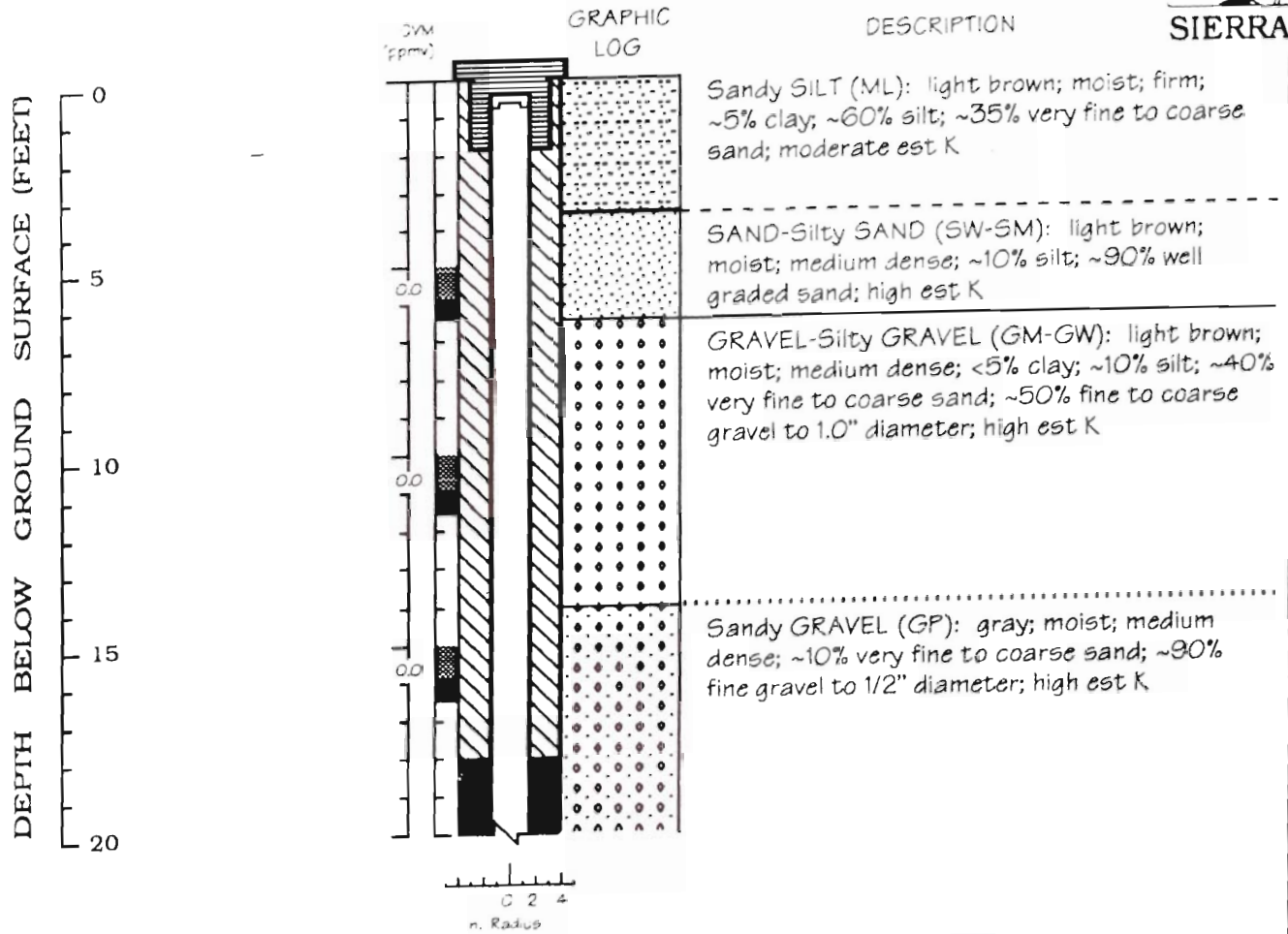
LOG OF BOREHOLE # MW - 2
 HULSMAN TRUCKING
 325 YOLANDA AVENUE
 SANTA ROSA, CALIFORNIA

PLATE
3B

WELL MW-3



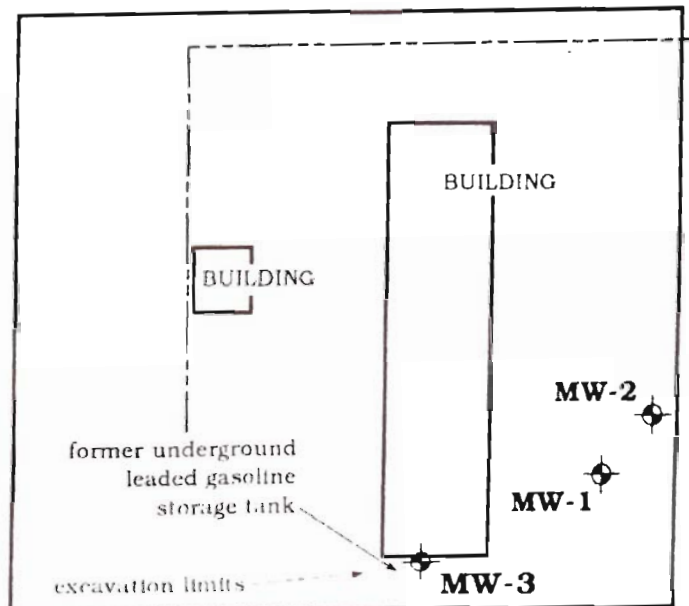
SIERRA



Well Construction and Boring Log - Well MW-3

Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

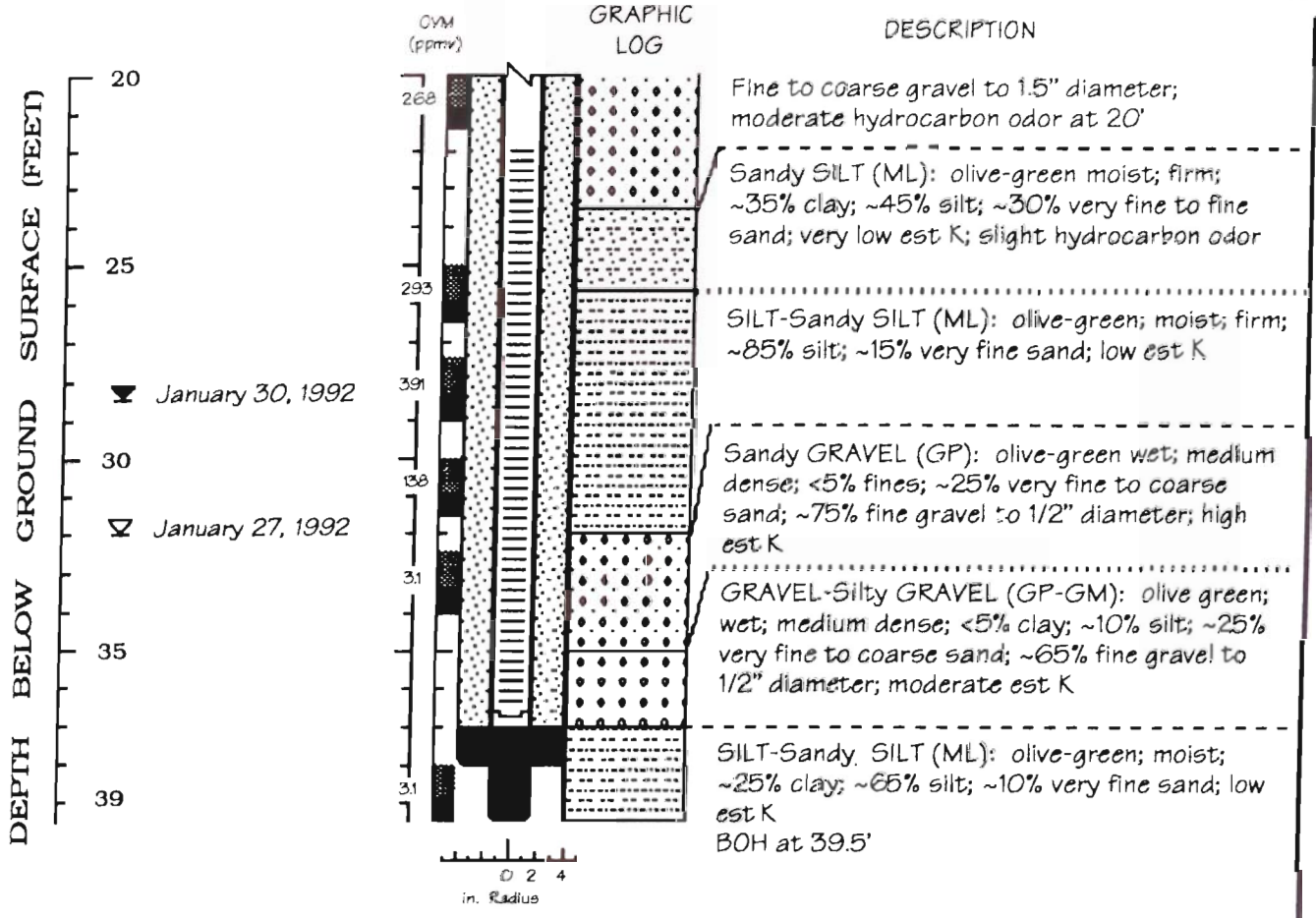
Logged by: Eric Gross
Supervisor: R. Greenfelder RG#003011
Drilling Company: Clear Heart Drilling
C-57#: 467904
Driller: Tim Teller
Drilling Method: Hollow stem auger
Date Drilled: January 27, 1992
Well Head Completion: Locking cap & traffic-rated vault
Type of sampler: Split spoon (2" ID)



WELL MW-3 (continued)



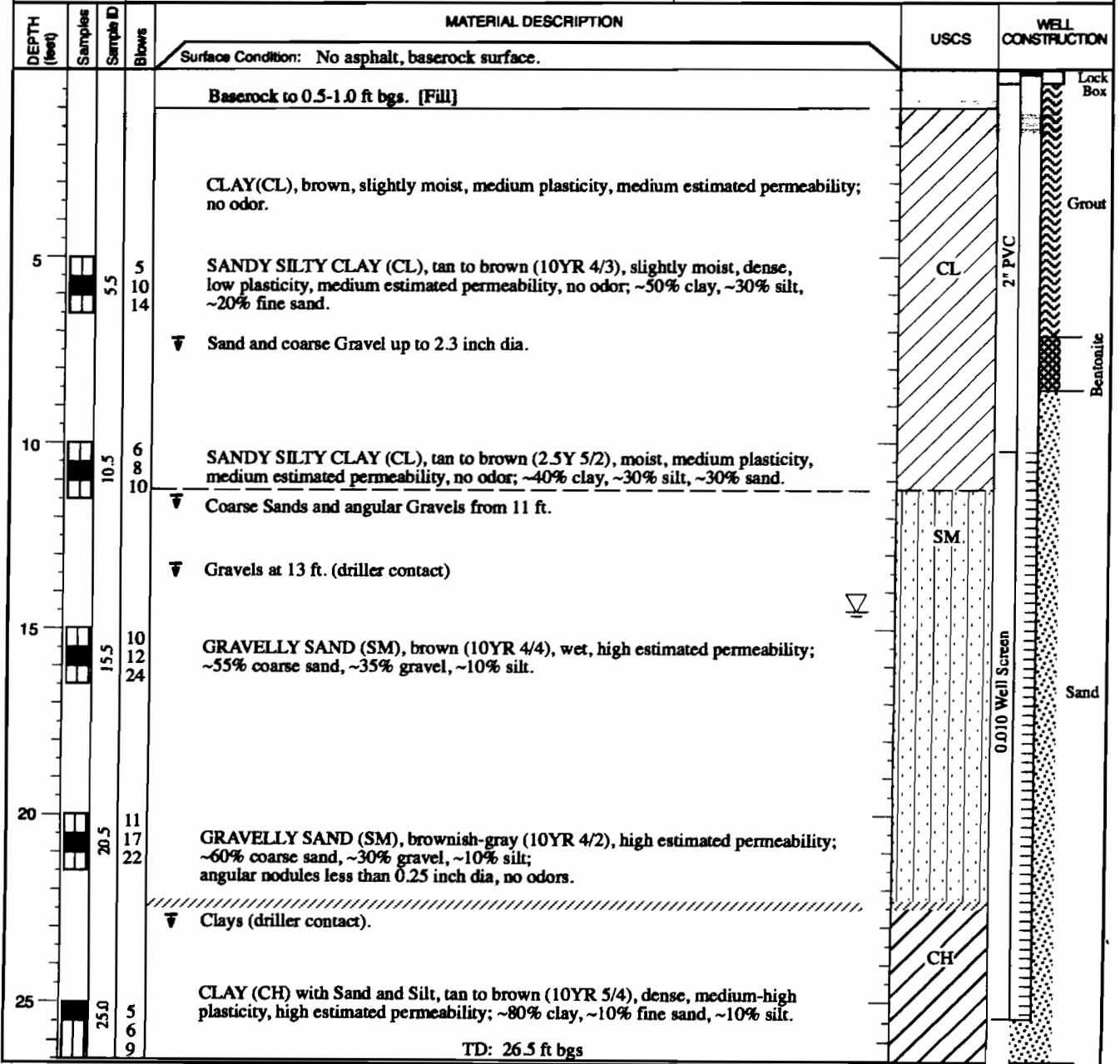
SIERRA



**Well Construction and Boring Log -
Well MW-3**

Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

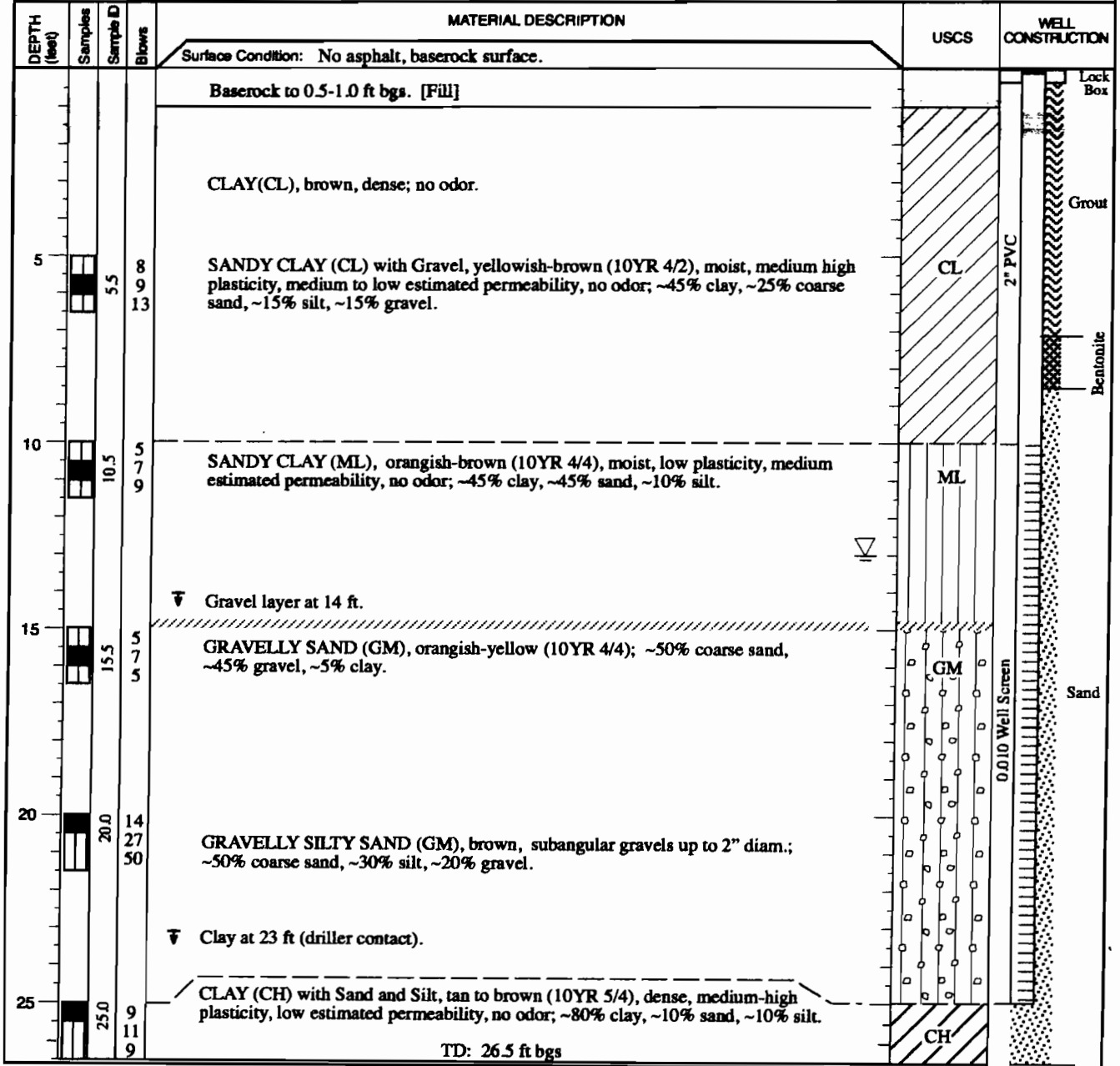
BORING LOCATION 325 Yolanda Ave. (East of Dock at 1st Bay)		ELEVATION AND DATUM TOC 142.34 ft		BORING NO. MW-1S	
DRILLING AGENCY Clear Heart Drilling, Inc		DRILLER Rick		DATE/TIME FINISHED 15 Nov 04	
DRILLING EQUIPMENT DR 10K Truck-mounted Drill Rig		COMPLETION DEPTH 26.5 ft		SAMPLING DEVICE Split Spoon	
DRILLING METHOD Hollow Stem Auger		BORING DIA. 8 inches		CORE BARREL LENGTH 2.5 inch ϕ 18 inches	
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'		LOGGED BY: JWS	
SIZE AND TYPE OF PACK #2/12 Sand		FROM 8.5' TO 26.5'		WATER LEVEL FIRST ~14.5 ft bgs	
TYPE OF SEAL NO. 1 Bentonite		FROM 7.0' TO 8.5'		SAMPLING / MEASURED —	
NO. 2 Cement Grout		FROM 0.0' TO 7.0'		COMMENTS 140 lb hammer dropped 40 inches.	



TRACE #425/RIG/15/MAR05

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	

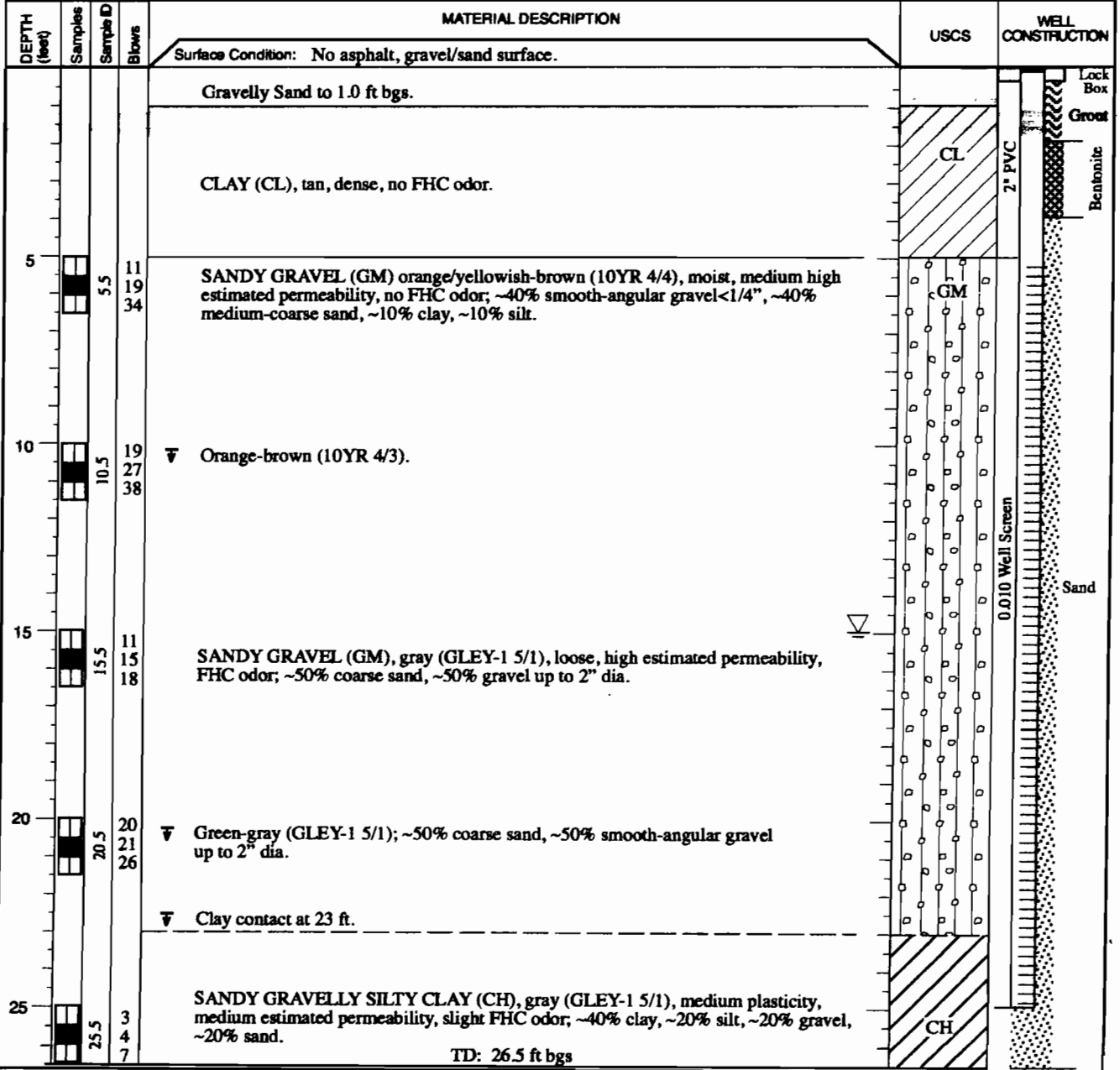
BORING LOCATION 325 Yolanda Ave. (Southeast corner of office)		ELEVATION AND DATUM TOC 141.86 ft		BORING NO. MW-2S	
DRILLING AGENCY Clear Heart Drilling, Inc.		DRILLER Rick		DATE/TIME FINISHED 15 Nov 04	
DRILLING EQUIPMENT DR 10K Truck-mounted Drill Rig		COMPLETION DEPTH 26.5 ft		SAMPLING DEVICE Split Spoon	
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'		LOGGED BY: JWS	
SIZE AND TYPE OF PACK #2/12 Sand		FROM 8.5' TO 26.5'		WATER LEVEL FIRST ~13.0 ft bgs	
TYPE OF SEAL NO. 1 Beatonite		FROM 7.0' TO 8.5'		SAMPLING / MEASURED —	
NO. 2 Cement Grout		FROM 0.0' TO 7.0'		COMMENTS 140 lb hammer dropped 40 inches.	



TRACE #425/RC/15/MS/05

ECON Environment, Community & Opportunity Network		MONITORING WELL LOG MW-2S Hulsman Transportation 325 Yolanda Avenue Santa Rosa, California			FIGURE 6
REFERENCE Hulsman Transportation Santa Rosa	REVIEWER Andy Rodgers	DATE December 2004	REVISED March 2005	SHEET NO. 1 of 1	

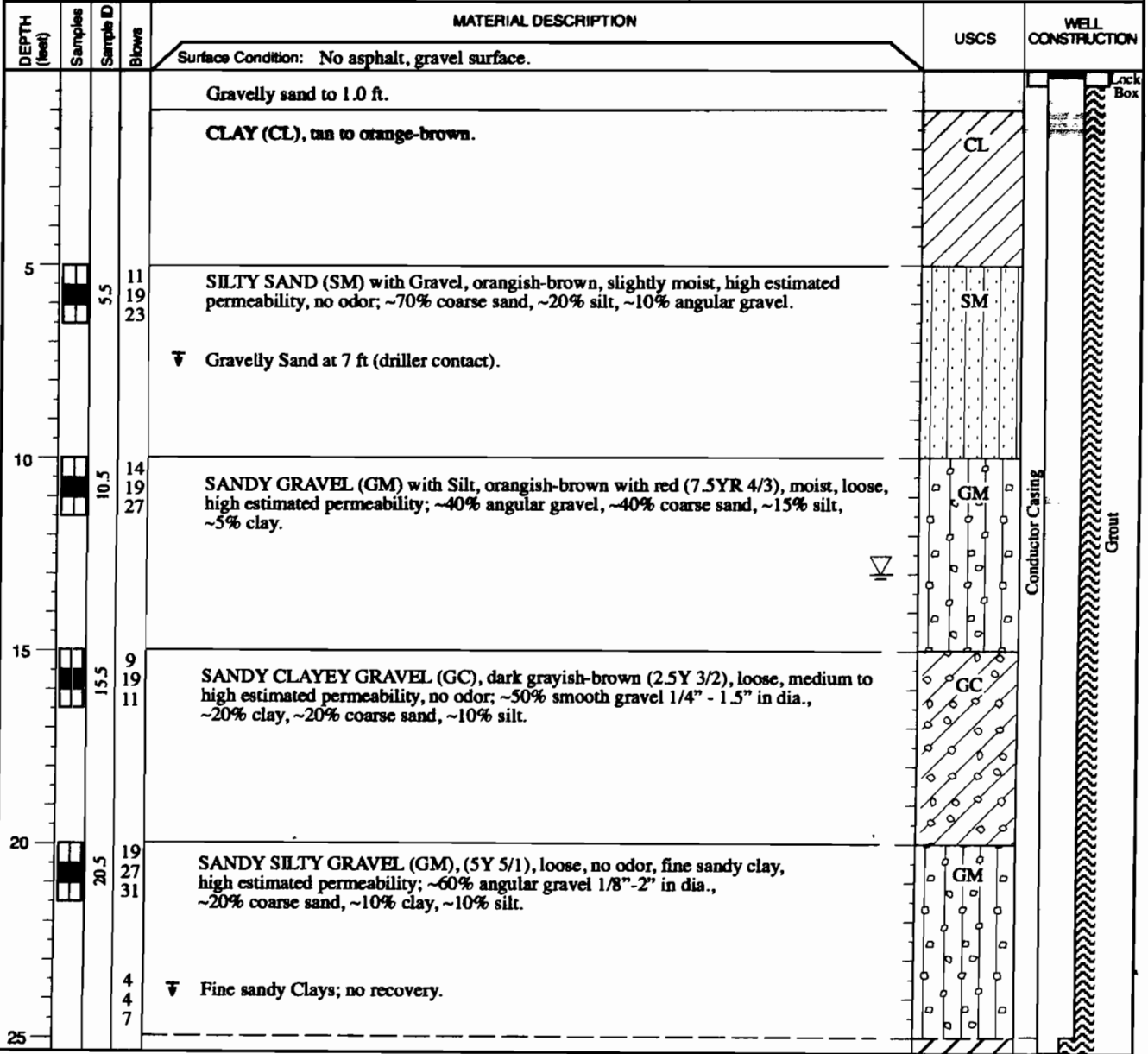
BORING LOCATION		325 Yolanda Ave. (Shallow Wall, east of former excavation)		ELEVATION AND DATUM		TOC 141.82 ft		BORING NO.		MW-3S	
DRILLING AGENCY		Clear Heart Drilling, Inc.		DRILLER		Rick		DATE/TIME STARTED		17 Nov 04	
DRILLING EQUIPMENT		DR 10K Truck-mounted Drill Rig		COMPLETION DEPTH		26.5 ft		DATE/TIME FINISHED		17 Nov 04	
DRILLING METHOD		Hollow Stem Auger		BORING DIA.		8 inches		SAMPLING DEVICE		Split Spoon	
SIZE AND TYPE OF CASING		2-inch PVC		CORE BARREL		2.5 inch ϕ		LENGTH		18 inches	
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/RG/15/Mar05

		MONITORING WELL LOG MW-3S		FIGURE 7	
<i>Environment, Community & Opportunity Network</i>		Hulsman Transportation 325 Yolanda Avenue Santa Rosa, California			
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 FINISHED 17 Nov 04	
DRILLING EQUIPMENT		DR 10K Truck-mounted Drill Rig		COMPLETION DEPTH 36.5 ft		SAMPLING DEVICE Split Spoon	
DRILLING METHOD		Hollow Stem Auger		BORING DIA. 14" (to 25 ft) 8" (25-35 ft)		CORE BARREL 2.5 inch φ LENGTH 18 inches	
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 LOGGED BY: JWS	
TYPE OF PERFORATION		0.010 Slotted		FROM 30.0' TO 35.0'		WATER FIRST LEVEL ~13.0 ft bgs SAMPLED / MEASURED —	
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 NO. 2 Cement Grout		FROM 27.0' TO 29.0' FROM 0.0' TO 27.0'			



TRACE #425/RG/15/Mar05

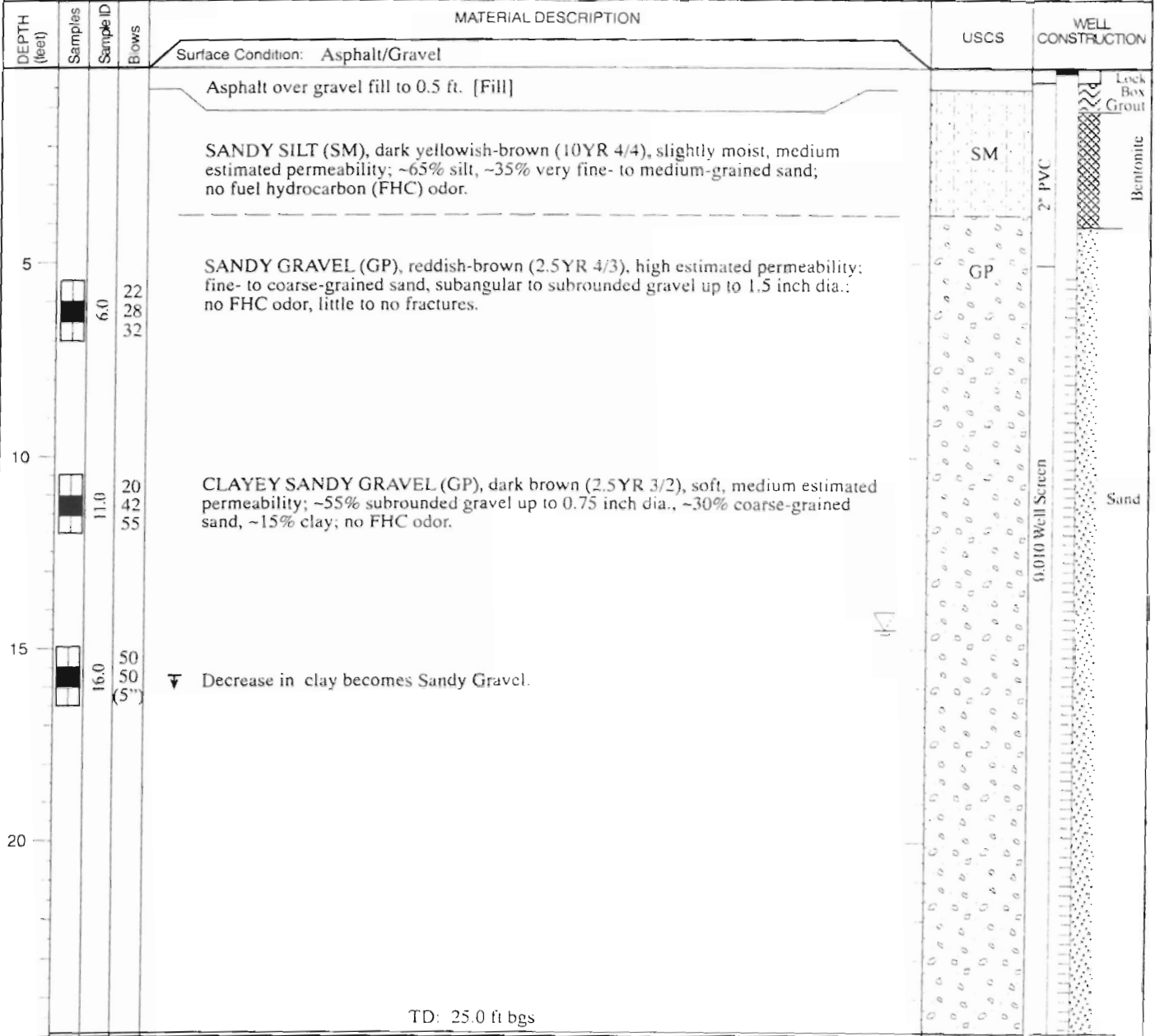
		MONITORING WELL LOG MW-3D Hulsman Transportation 325 Yolanda Avenue Santa Rosa, California			FIGURE 8				
REFERENCE	Hulsman Transportation Santa Rosa	REVIEWER	Andy Rodgers	DATE	December 2004	REVISED	March 2005	SHEET NO.	1 of 2

BORING LOCATION				325 Yolanda Ave. (Deep Well, east of former excavation)		CONTINUED LOG, SHEET NO.	2 of 2	FOR BORING NO.	MW-3D
DEPTH (feet)	Samples	Sample ID	Blows	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION			
25		25.5	5 6 4	SANDY CLAY (CH), olive-gray (5Y 5/2), medium plasticity, medium low estimated permeability, no odor; ~70% clay, ~30% fine sand.	CH				
30		30.5	11 12 21	SAND (SW), grayish-brown (GLE-Y-1 3/1), high estimated permeability, no FHC odor; ~100% fine to medium sand.	SW				
				GRAVELLY SAND (GM) with Silt, grayish-brown (GLE-Y-1, 3/1), low estimated permeability; ~45% fine-medium sand, ~35% angular gravel, ~20% silt.	GM				
35		35.0	13 15 27	SILTY CLAY (OL), tan gray, dry, no odor, low plasticity; ~50% clay, ~50% silt.	OL				
				TD: 36.5 ft bgs					
40									
45									
50									

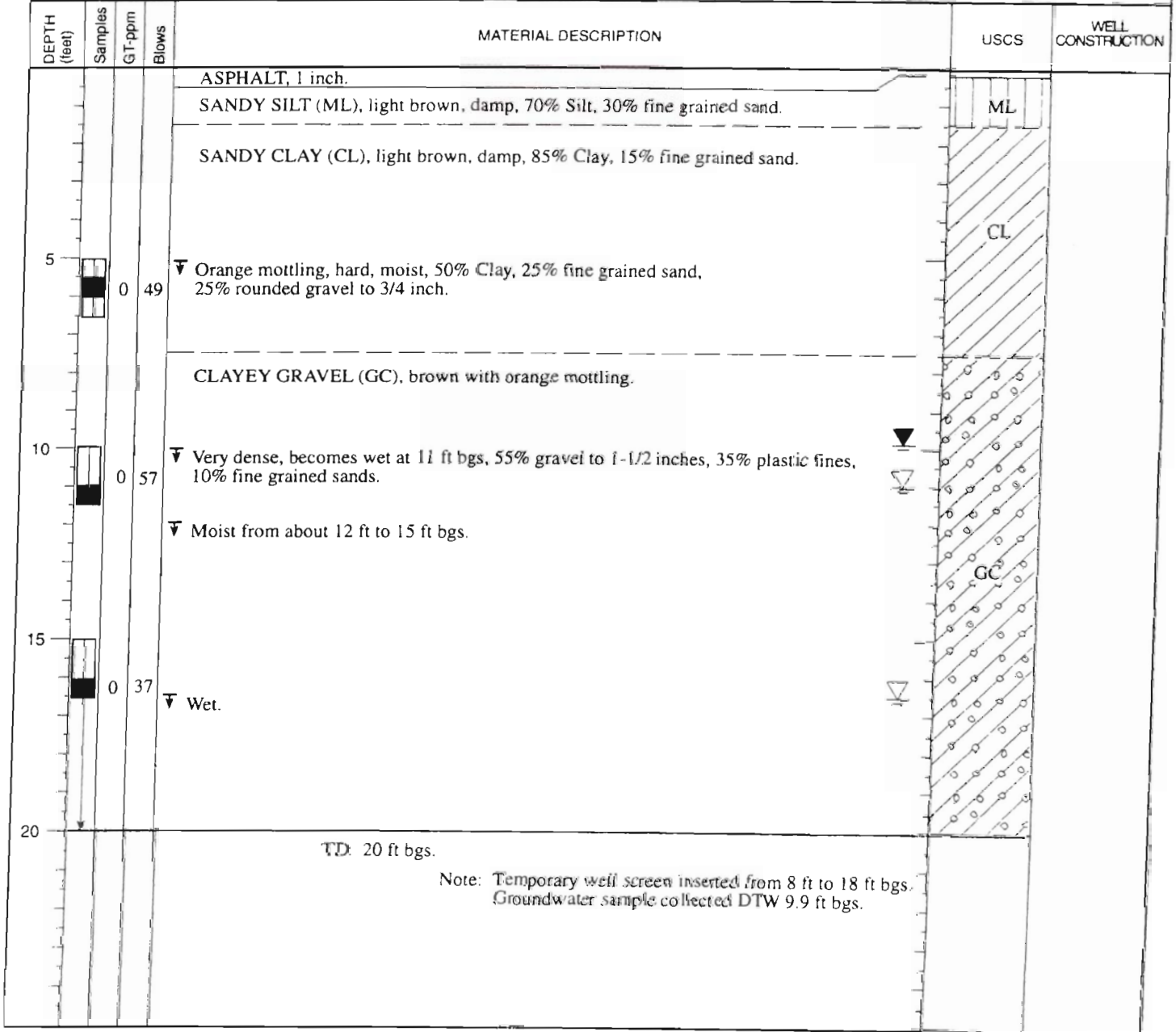
TRACE #425/RG/15MAR05

 Environment, Community & Opportunity Network		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	DATE/TIME FINISHED	12 Apr 01
DRILLING EQUIPMENT	DR 10K Truck-mounted Drill Rig			COMPLETION DEPTH	25.0 ft	SAMPLING DEVICE	Split Spoon
DRILLING METHOD	Hollow Stem Auger	BORING DIA.	8 inches	CORE BARREL	2.5 inch ϕ	LENGTH	18 inches
SIZE AND TYPE OF CASING	2-inch PVC	FROM	0.0' TO 25.0'	TYPE AND NO OF SAMPLES	3 Composite Soil 1 Groundwater	LOGGED BY	ASR
TYPE OF PERFORATION	0.01 Slotted	FROM	5.0' TO 25.0'	WATER FIRST LEVEL	14.5 ft bgs	SAMPLED / MEASURED	—
SIZE AND TYPE OF PACK	#2/12 Sand	FROM	4.0' TO 25.0'	COMMENTS			
TYPE OF SEAL	NO. 1	Bentonite	FROM 1.0' TO 4.0'				
	NO. 2	Cement Grout	FROM 0.0' TO 1.0'				



BORING LOCATION		325 Yolanda Ave (West of former UST)		ELEVATION AND DATUM		BORING NO		HB-1	
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 11' bgs	
								BEFORE SAMPLE	
								9.9' 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			
		NO. 2 — NA		FROM — NA TO — NA					
Soil samples field-screened with Gastechtor Combustion Meter (GT). Results reported in parts per million (ppm).									



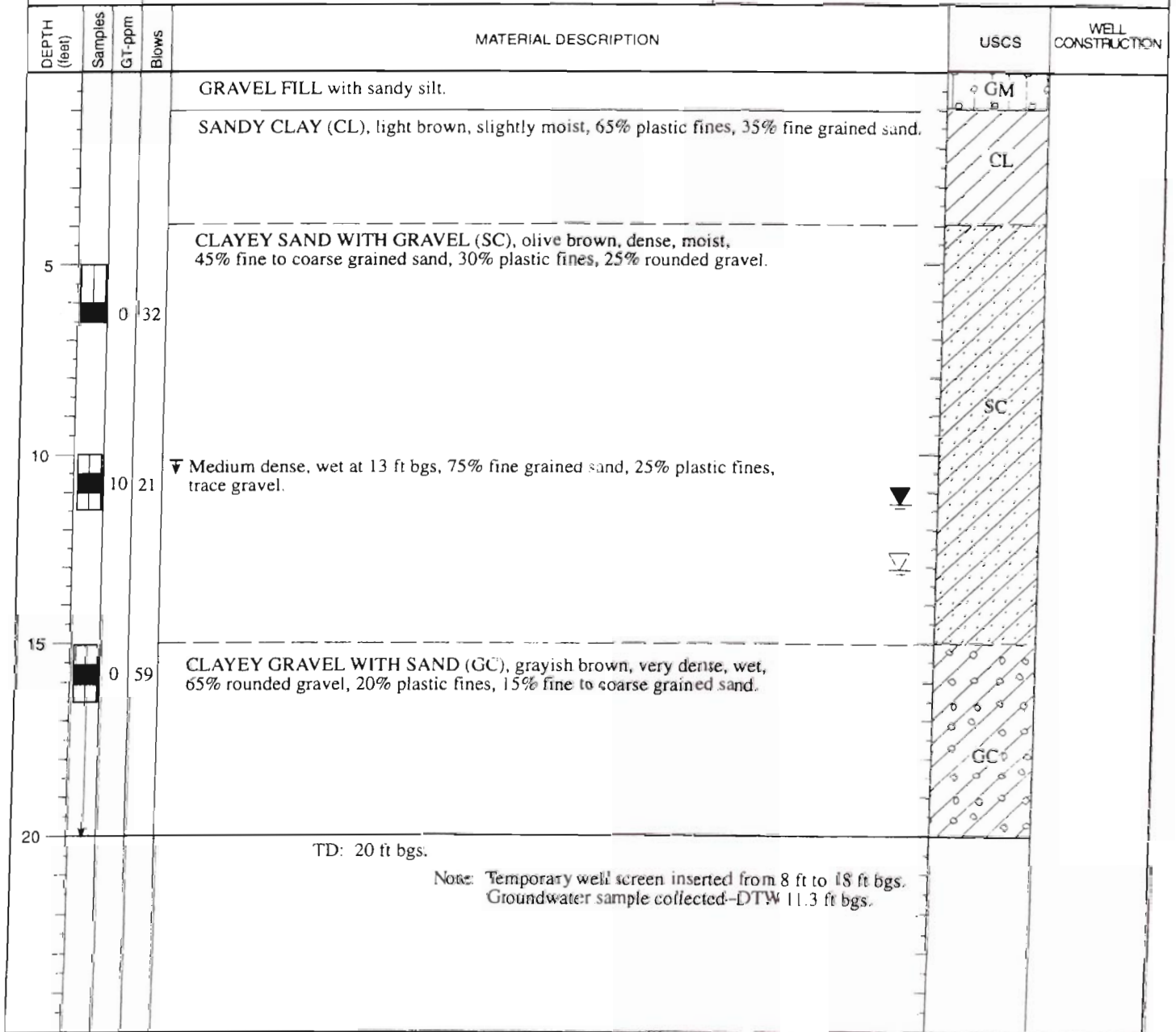
EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

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 Gastehtor Combustion Meter (GT). Results reported in parts per million (ppm).			
		NO. 2 — NA		FROM — NA TO — NA					



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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		DATE/TIME STARTED 10 Apr 01		DATE/TIME FINISHED 10 Apr 01	
DRILLING EQUIPMENT		DR 10K Truck-mounted Drill Rig		COMPLETION DEPTH 19.0 ft		SAMPLING DEVICE Split Spoon	
DRILLING METHOD		Solid Flight Auger		BORING DIA. 4 inches		CORE BARREL 2.5 inch ϕ	
SIZE AND TYPE OF CASING		FROM ___ TO ___		TYPE AND NO. OF SAMPLES 1 Composite Soil 1 Groundwater		LOGGED BY ASR	
TYPE OF PERFORATION		FROM ___ TO ___		WATER FIRST LEVEL 17.0 ft bgs		SAMPLED / MEASURED ---	
SIZE AND TYPE OF PACK		FROM ___ TO ___		COMMENTS ---			
TYPE OF SEAL		NO. 1 FROM ___ TO ___					
		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						
15				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	
				Water Sample Collected (6 VOA's). TD: 19.0 ft bgs		
20						

TRACE #318/RC/09NOV01	ECON Environment, Community & Opportunity Network		SOIL BORING LOG EB-2 Helsman Transportation 325 Yolanda Avenue Santa Rosa, California			FIGURE 5
	REFERENCE: Helsman 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		
2				2.0 inches: Asphalt	CONCRETE
4		CL		2.0 inches to 2.5 feet: Brown <u>silty sand</u> , moderate <u>clay</u> , damp.	
6		SM		2.5 to 5.5 feet: Tan, <u>silty sand</u> , moist, 10% clay, crumbly to slightly plastic.	2" Ø PVC PIPE BENTONITE
8		CL		5.5 to 10.5 feet: Brown, <u>silty clay</u> , moist.	
10		SP		10.5 to 18.0 feet: Gray-brown, <u>sand and gravel</u> , moist, slightly clayey.	2" PVC W/0.020" SLOTTED SCREEN
12					
14					#3 SAND
16					
18		SP		18.0 to 25.0 feet: Brown-gray, fine-grained, sandy <u>gravel</u> , slight clay, moist.	#3 SAND
20					
22				Gasoline odor at 23.0 feet.	#3 SAND
24					
26				End of boring at 25.0 feet.	
28					

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
 2" Ø PVC PIPE
 BENTONITE
 #3 SAND
 2" PVC W/0.020" SLOTTED SCREEN

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 Telephone (415) 228-8400

MALM METAL PRODUCTS
 2640 SANTA ROSA AVENUE
 SANTA ROSA, CALIFORNIA

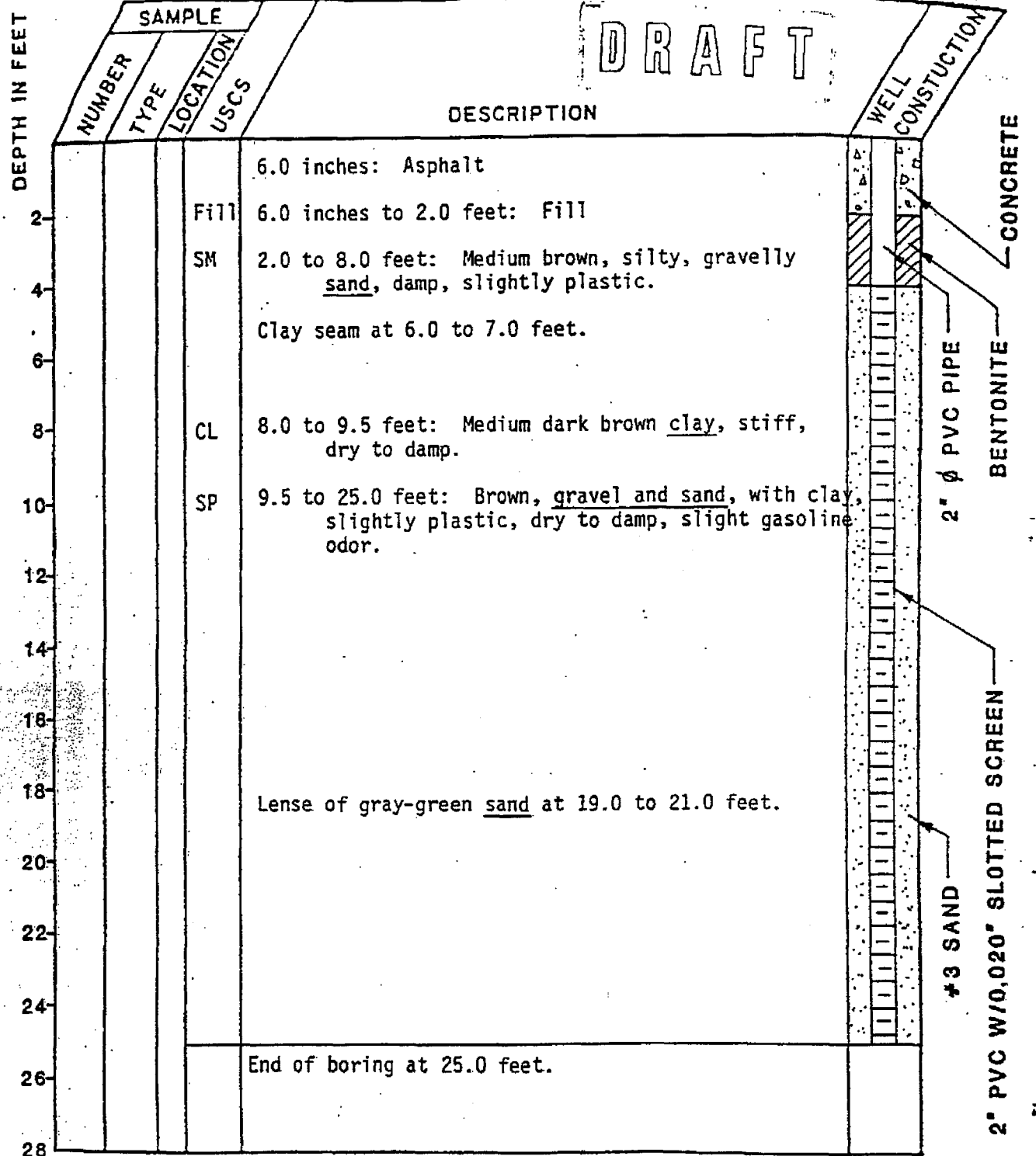
PLATE

4

PREPARED BY : MMH
 CHECKED BY :

LOG OF BORING NO. 16
 PROJECT NO. : 3019

DRAFT



IT Enviroscience
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 Telephone (415) 228-8400

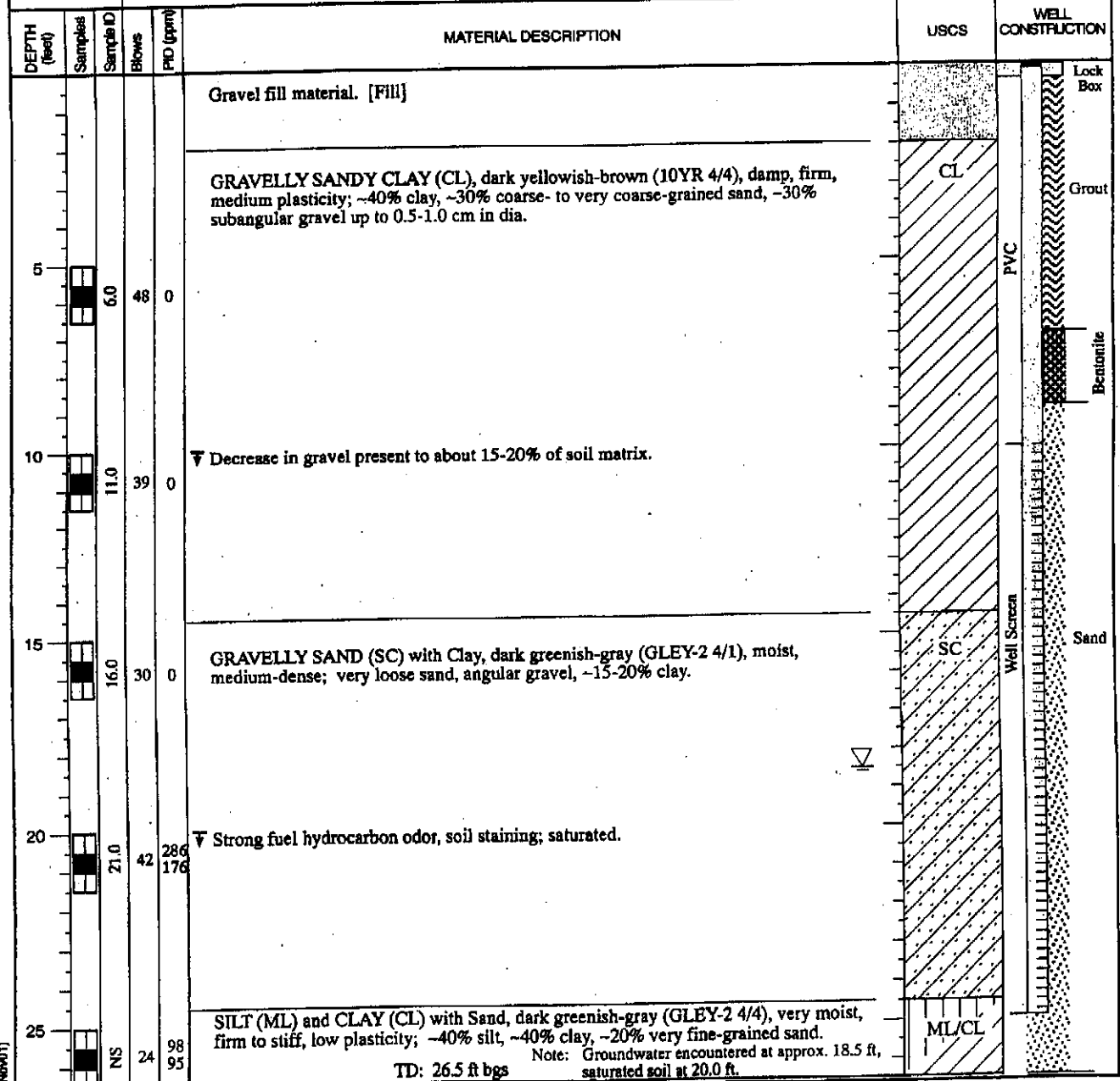
MALM METAL PRODUCTS
 2640 SANTA ROSA AVENUE
 SANTA ROSA, CALIFORNIA

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	
DRILLING EQUIPMENT		Deerock DR 10K Truck-mounted Rig		DATE FINISHED		28 Aug 01		COMPLETION DEPTH		26.5 ft	
DRILLING METHOD		Hollow Stem Auger		BORING DIA.		8.0 inches		SAMPLER		CA Modified Split Spoon	
SIZE AND TYPE OF CASING		2 inch Schedule 40 PVC		NO. OF SAMPLES		4 Soil		WATER LEVEL		FIRST -18.5 ft	
TYPE OF PERFORATION		0.10 Slotted		FROM		10.0 TO 25.0		MEASURED / SAMPLED		None	
SIZE AND TYPE OF PACK		#2/12 Sand		FROM		9.0 TO 26.5		CORE BARREL		2.0 inch ϕ	
TYPE OF SEAL		NO. 1 Bentonite Pellets		FROM		7.0 TO 9.0		LOGGED BY:		BLW	
		NO. 2 Portland Cement Grout		FROM		0.0 TO 7.0		CHECKED BY:			
								COMMENTS		Soil samples field screened with Photo-Ionization Detector (PID), results in parts per million (ppm). Blows by 40 lb hammer, 40 inch drop.	



TRACE #261/RGZ77Nov01

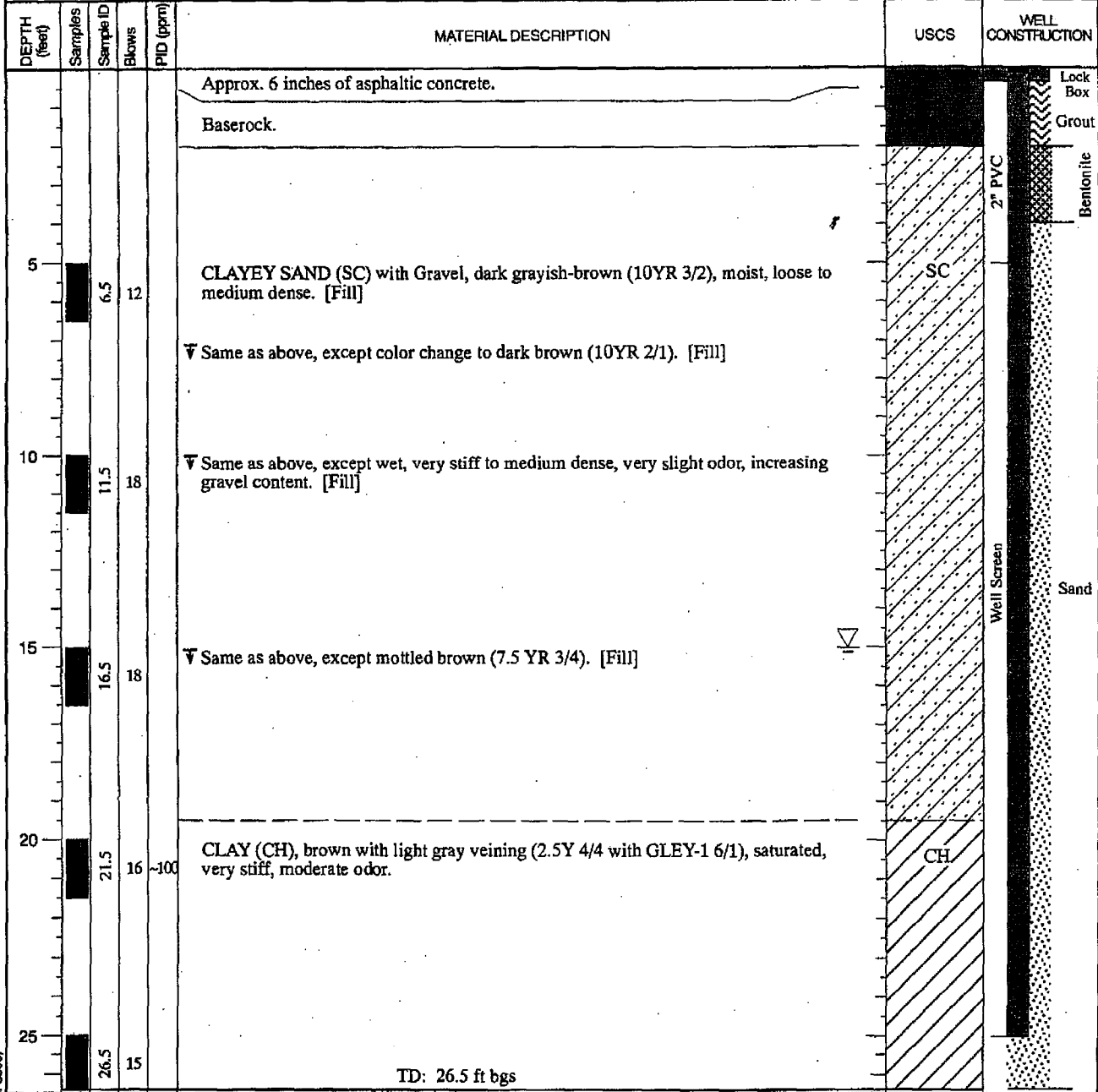
EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

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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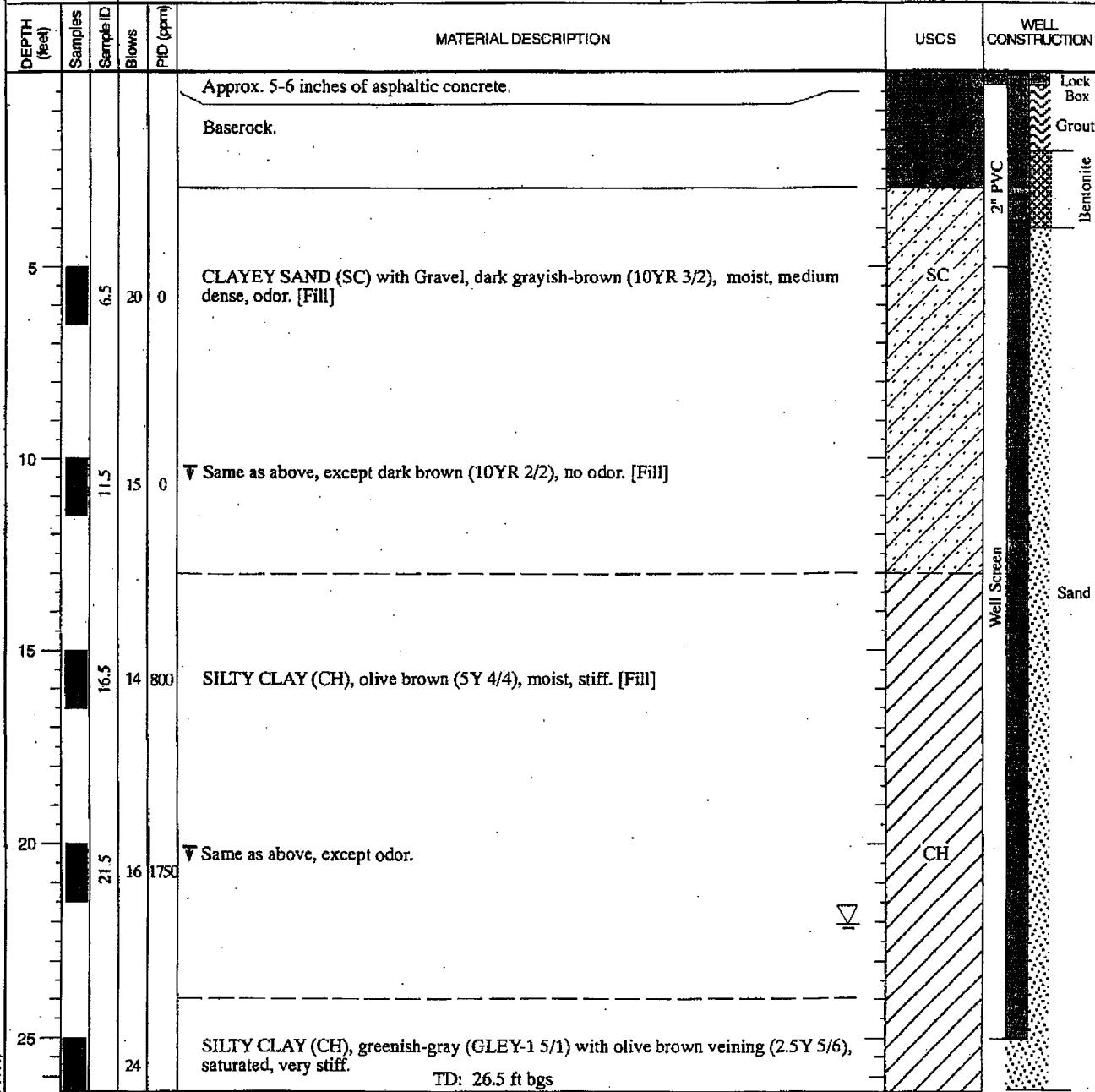
BORING LOCATION	2640 Santa Rosa Ave. (S edge of former gas UST over-excav, btwn SP3 & 4)		ELEVATION AND DATUM	TOC 136.45 ft	BORING NO.	B-29		
DRILLING AGENCY	Clear Heart, Inc.	DRILLER	Rick	DATE STARTED	12 Jul 04	DATE FINISHED	12 Jul 04	
DRILLING EQUIPMENT	CME 75 Truck-mounted rig			COMPLETION DEPTH	26.5 ft	SAMPLER	CA Modified Split Spoon	
DRILLING METHOD	Hollow Stem Auger	BORING DIA.	8.0 inches	NO. OF SAMPLES	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	-1.5 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/02F-8805

EDD CLARK & ASSOCIATES, INC.		LOG OF MONITORING WELL B-29		FIGURE
ENVIRONMENTAL CONSULTANTS		2640 Santa Rosa Avenue Santa Rosa, California		4
JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Lisa Scorallo	DATE
				July 2004
				REVISED
				SHEET NO. 1 of 1

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 DATE FINISHED 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 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 (G/03Feb05)

EDD CLARK & ASSOCIATES, INC.
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 Scorallo	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	
								DATE FINISHED		22 Jul 04	
DRILLING EQUIPMENT		Deep Rock DR10K Truck-mounted rig		COMPLETION DEPTH		41.5 ft bgs		SAMPLER		Drive	
DRILLING METHOD		Hollow Stem Auger		BORING DIA.		8.0 inches		NO. OF SAMPLES		8 Soil	
SIZE AND TYPE OF CASING		Conductor Casing 2.0 inch dia Schedule 40 PVC		FROM 0.5 ft TO 25.0 ft		WATER LEVEL		FIRST ~10 ft bgs		MEASURED / SAMPLED	
				FROM 0.5 ft TO 40.0 ft							
TYPE OF PERFORMANCE		0.010 inch Slotted		FROM 35.0 ft TO 40.0 ft		CORE BARREL		2.0 inch φ		LENGTH 18 inches	
SIZE AND TYPE OF PACK		#2/12 Lonestar Sand		FROM 34.0 ft TO 41.5 ft		LOGGED BY:		RWE		CHECKED BY: RWE	
TYPE OF SEAL		NO. 1 Bentonite Chips		FROM 30.0 ft TO 34.0 ft		COMMENTS 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							

DEPTH (feet)	Samples	Sample ID	Blows	PID (ppm)	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
					Approx. 18 inches of asphaltic concrete.		Lock Box
					Basereck		
5	×	6.0	39		CLAYEY SAND (SC) with Gravel, mottled dark brown (7.5YR 3/2) to strong brown (7.5YR 5/6-8), damp, dense. Sand is well sorted, coarse to very coarse, subangular to subrounded, Franciscan debris, trace red volcanics.	SC	Conductor Casing Grout
10	×	11.0	61	1.5	SANDY GRAVEL (GW) with Clay, dark olive gray (5Y 3/2), wet, very dense; Franciscan debris, trace red volcanics, medium to coarse sand, pebbles to 2" long.	GW	
15	×	16.0	58	2.1	Same as above.		
20	×	21.5	58	370	SANDY GRAVEL (GP), very dark gray (N3), saturated, very dense, very permeable; strong FHC odor; coarse to very coarse sand, subangular to subrounded gravel up to 1/2" long, Franciscan debris and quartz.	GP	
25						CL	

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LOG OF MONITORING WELL B-35D
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.	1 of 2
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TRACE#669RG07 Jan09

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	Sample ID	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	
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							

TRACE#386RG07 Jan05

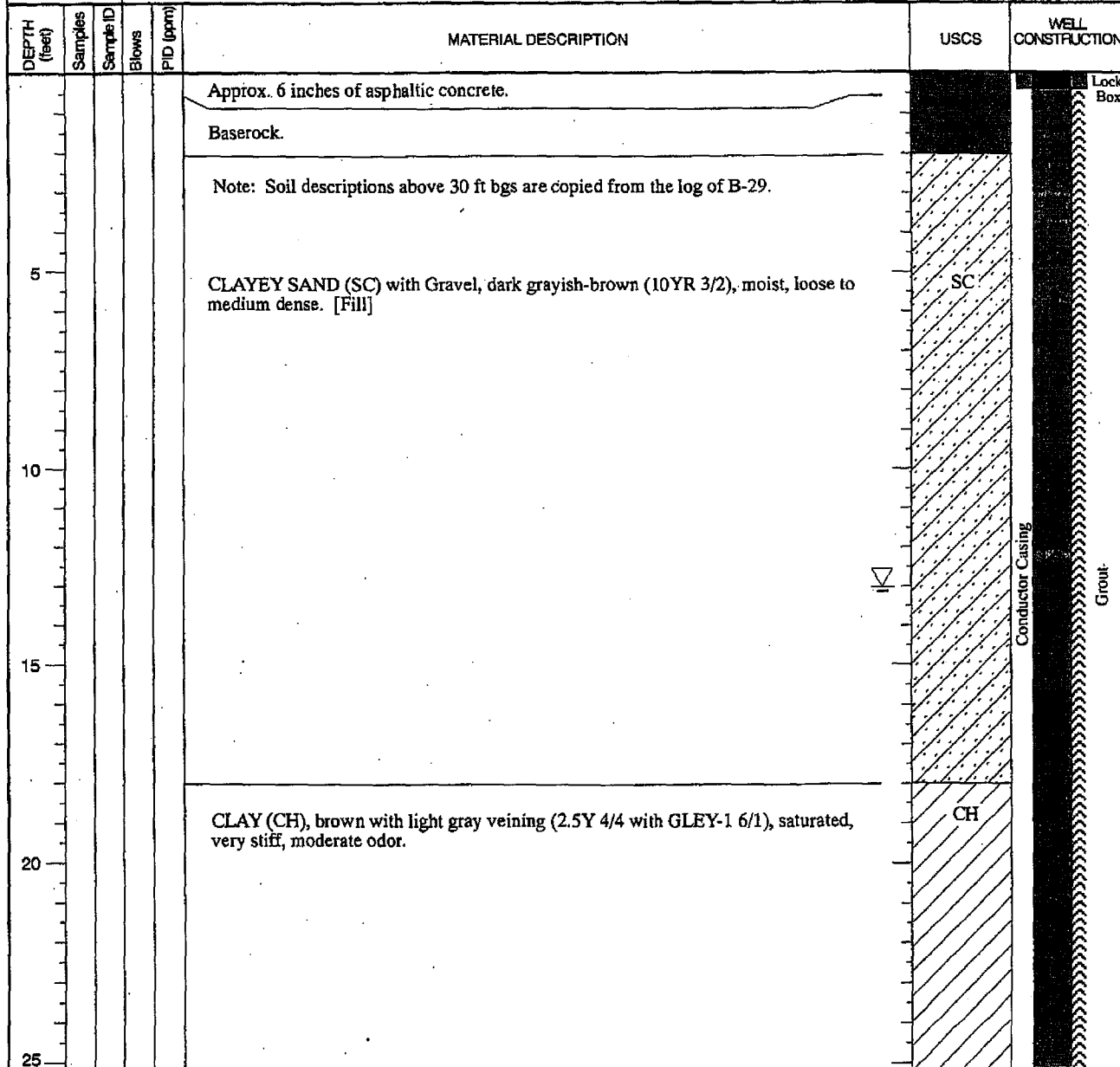
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 ENVIRONMENTAL CONSULTANTS

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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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	
DRILLING EQUIPMENT CME 75 Truck-mounted rig		COMPLETION DEPTH 40.0 ft		DATE FINISHED 16 Jul 04	
DRILLING METHOD Solid Flight/Hollow Stem Auger		BORING DIA. 9.0/8.0 inches		SAMPLER Drive	
SIZE AND TYPE OF CASING Conductor Casing, 9.0 inch 2.0 inch PVC		NO. OF SAMPLES 3 Soil		WATER LEVEL FIRST ~13.0 ft	
TYPE OF PERFORATION 0.010 inch Slotted		FROM 0.0 ft TO 25.0 ft 0.0 ft TO 40.0 ft		MEASURED / SAMPLED —	
SIZE AND TYPE OF PACK #2/12 Lonestar Sand		FROM 35.0 ft TO 40.0 ft		CORE BARREL 2.0 inch ϕ	
TYPE OF SEAL NO. 1 Bentonite Chips		FROM 32.5 ft TO 34.0 ft		LENGTH 18 inches	
NO. 2 Portland Cement Grout		FROM 0.0 ft TO 32.5 ft		LOGGED BY: RWE	
				CHECKED BY: RWE	
COMMENTS					



TRACE#368/RG/MZF-0005

EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

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)	Samples	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.						
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										

TRACE #366/RG/07-Jan05

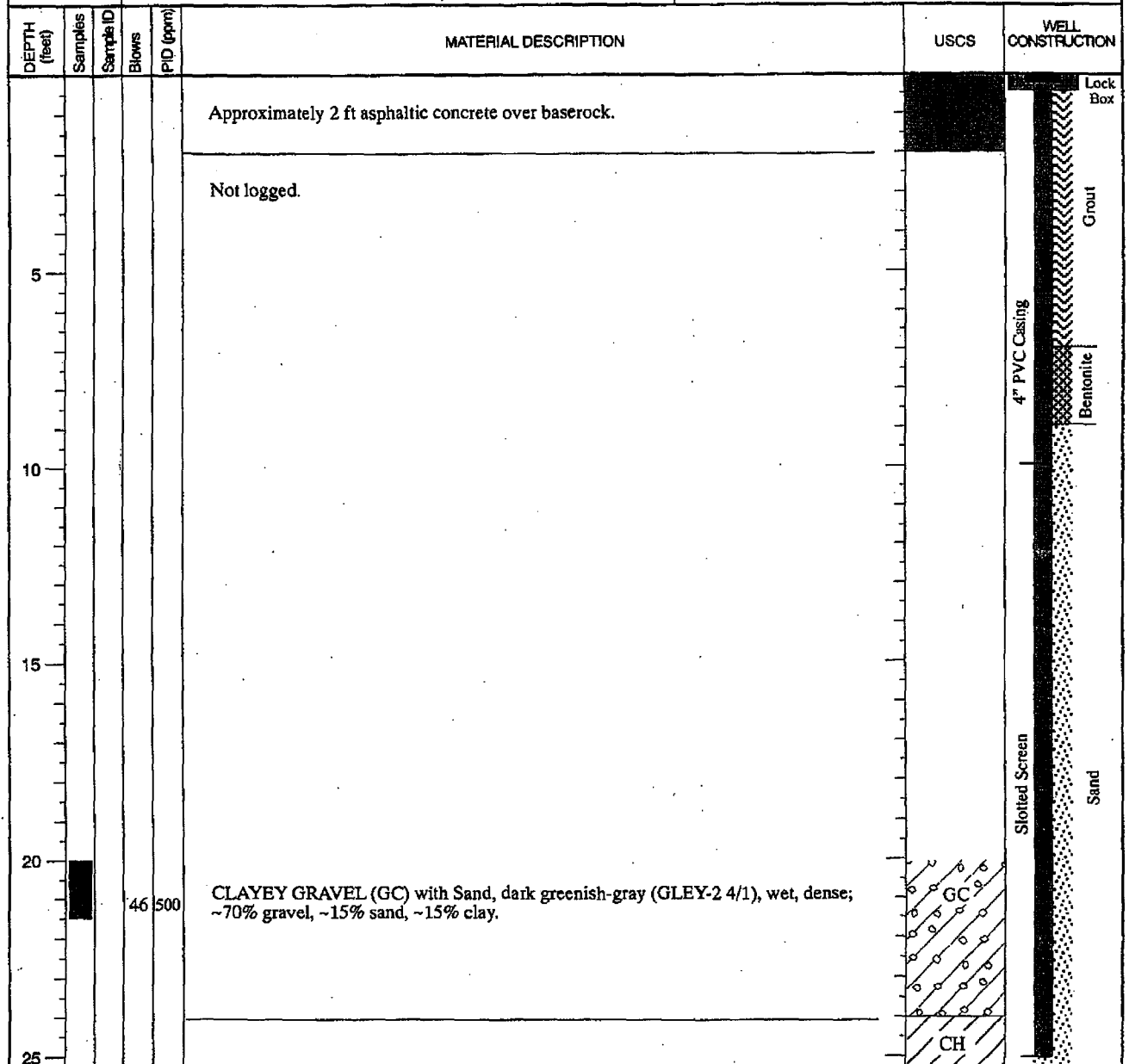
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LOG OF MONITORING WELL B-36D (Cont'd)
2640 Santa Rosa Avenue
Santa Rosa, California

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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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 DATE FINISHED	
						04 Aug 04		→ 04 Aug 04	
DRILLING EQUIPMENT				DR5K Truck-mounted rig		COMPLETION DEPTH		26.5 ft	
								SAMPLER CA Modified Split Spoon	
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	
								MEASURED / SAMPLED	
TYPE OF PERFORATION		0.020 inch slotted		FROM 10.0 ft TO 25.0 ft		CORE BARREL		2.0 inch φ	
								LENGTH 18 inches	
SIZE AND TYPE OF PACK		#2/12 Monterey Sand		FROM 9.0 ft TO 26.5 ft		LOGGED BY:		LKC	
								CHECKED BY: RWE	
TYPE OF SEAL		NO. 1 Bentonite Chips		FROM 7.0 ft TO 9.0 ft		COMMENTS 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 7.0 ft					



TRACE#886RG02F#605

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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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BORING LOCATION					CONTINUED LOG, SHEET NO.	FOR BORING NO.	
2640 Santa Rosa Ave. (~53 ft ENE of former gasoline UST)					2 of 2	EW-6	
DEPTH (feet)	Samples	Sample ID	Blows	PID (ppmv)	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							

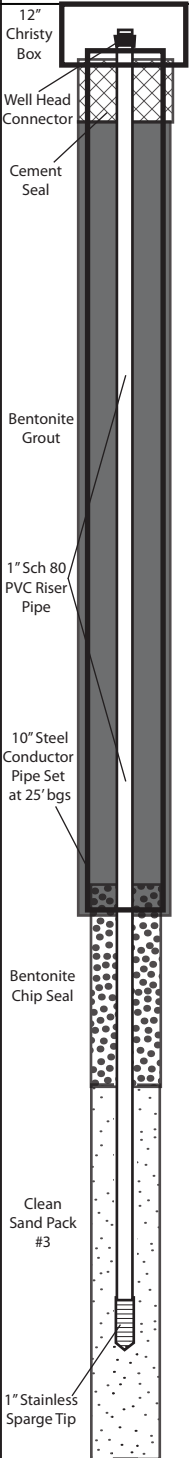
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LOG OF EXTRACTION WELL EW-6 (Cont'd)
 2640 Santa Rosa Avenue
 Santa Rosa, California

FIGURE
 18

JOB NUMBER	0266, 002.96	REVIEWED BY	EC&A, Richard Ely	DATE	August 2004	REVISED		SHEET NO.	2 of 2
------------	--------------	-------------	-------------------	------	-------------	---------	--	-----------	--------

TRACE #366/RG/07-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		
	11		14		Brown-gray-green mottled gravelly sand with less silt and clay (SP), wet, no odor
	18		15		
	27		16		Increase gravel
			17		
			18		
	18		19		
	50		20		Gray-green gravel with sand-silt-clay mix (GP-GM), saturated, strong hydrocarbon odor
			21		
	16		22		Gray-green stiff silty clay (CL-CH), damp, slight odor
	24		23		
	31		24		
	8		25		Clay aquitard, steel conductor pipe set at 25 feet bgs
	10		26		
	12		27		Gray-green silty sand, little clay (SM), wet, hydrocarbon odor
	18		28		
	22		29		
	31		30		
	13		31		As above, strong odor
	13		32		
	27		33		
	7		34		As above, less odor
	7		35		
	12		36		
	18		37		Gray-green silty fine sand with coarse sand and gravel (SP-SM), saturated no odor
	27		38		
	30		39		
	9		40		Brown-light brown silty clay with green mottling, some intermixed coarse sand and gravels (<5%), damp no odor
	9				
	13				
	18				
	20				
	22				

Graphic Log

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.

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 PROJECT: 451.0711
 DRAFTED BY: DLB
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RW-1d LITHOLOGIC LOG AND SPARGE WELL CONSTRUCTION DETAIL

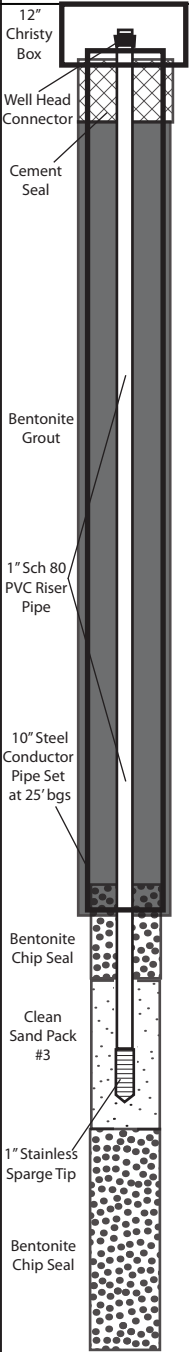
UST Remediation - Hulsman Transportation

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		
	34		39		
	24		40		
	26				
	28				

Graphic Log

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 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

▨ Record Soil Sample

▽ Groundwater Interface

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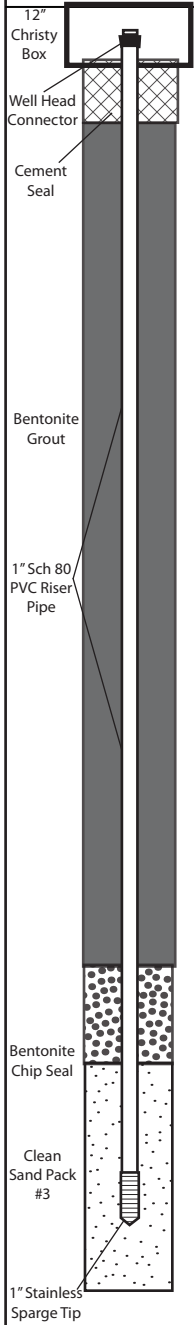
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RW-2d LITHOLOGIC LOG AND SPARGE WELL CONSTRUCTION DETAIL

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 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		6		
	14		7		
	20		8		As above, no odor
			9		
			10		As above, damp-moist, no odor
	18		11		
	24		12		
	28		13		As above, wet, no odor
			14		
			15		Dark gray gravels as above, coarser, saturated, no odor
	24		16		
	28		17		
			18		Gray-green silty clay (CL-CH), damp, no odor
			19		
			20		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		21		
	34		22		
	38		23		
	24		24		
	50		25		
			26		
			27		
			28		
			29		
			30		

EXPLANATION

- Retained Soil Sample
- Record Soil Sample
- Groundwater Interface



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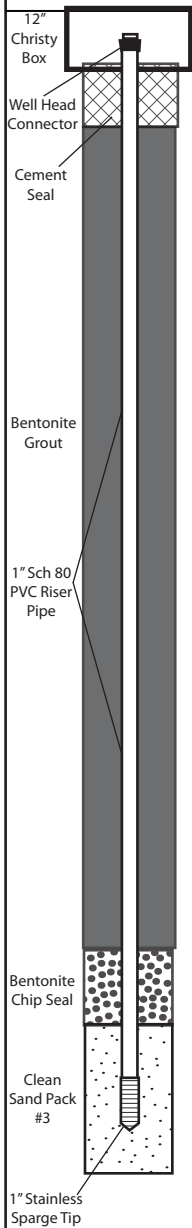
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**RW-3 LITHOLOGIC LOG AND
 SPARGE WELL CONSTRUCTION DETAIL**
 UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
 8

Sparge Well Construction Detail



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		Fractured asphalt
			2		Dark gray silty clay (CL-CH) with sand and organic debris
			3		
			4		Reddish-brown sandy, gravelly clay (SC-GC), damp, no odor
	12		5		
	14		6		
	18		7		
			8		
			9		
	14		10		Mottled reddish-brown-gray gravel with sand, silt, clay (GM), damp, no odor
	24		11		
	24		12		
			13		
			14		
	24		15		
	26		16		As above, wet, no odor
	28		17		
			18		
			19		
	20		20		
	30		21		Gray-green sandy gravel (GP), saturated, hydrocarbon odor
	32		22		
	24		23		As above, strong hydrocarbon odor
	36		24		
	42		25		Gray-green silty clay with some fine sand (CL-CH), damp, odor
	5		26		Cease drilling, continuous sampling to verify aquitard
	7		27		
	12		28		TOTAL DEPTH: 27 ft bgs, Sparge Well Constructed as shown. Collected samples were used for lithologic identification only and were not retained for analysis.
	14		29		
			30		

EXPLANATION

- Retained Soil Sample
- Record Soil Sample
- Groundwater Interface



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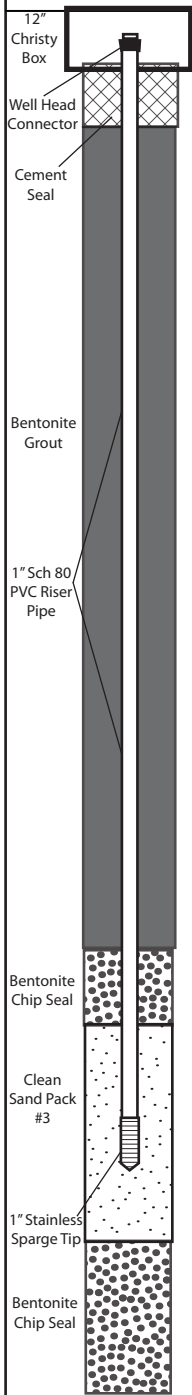
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**RW-4 LITHOLOGIC LOG AND
 SPARGE WELL CONSTRUCTION DETAIL**
 UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
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PLATE
 9

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	Retained Soil Sample	Fractured asphalt
			2	Record Soil Sample	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



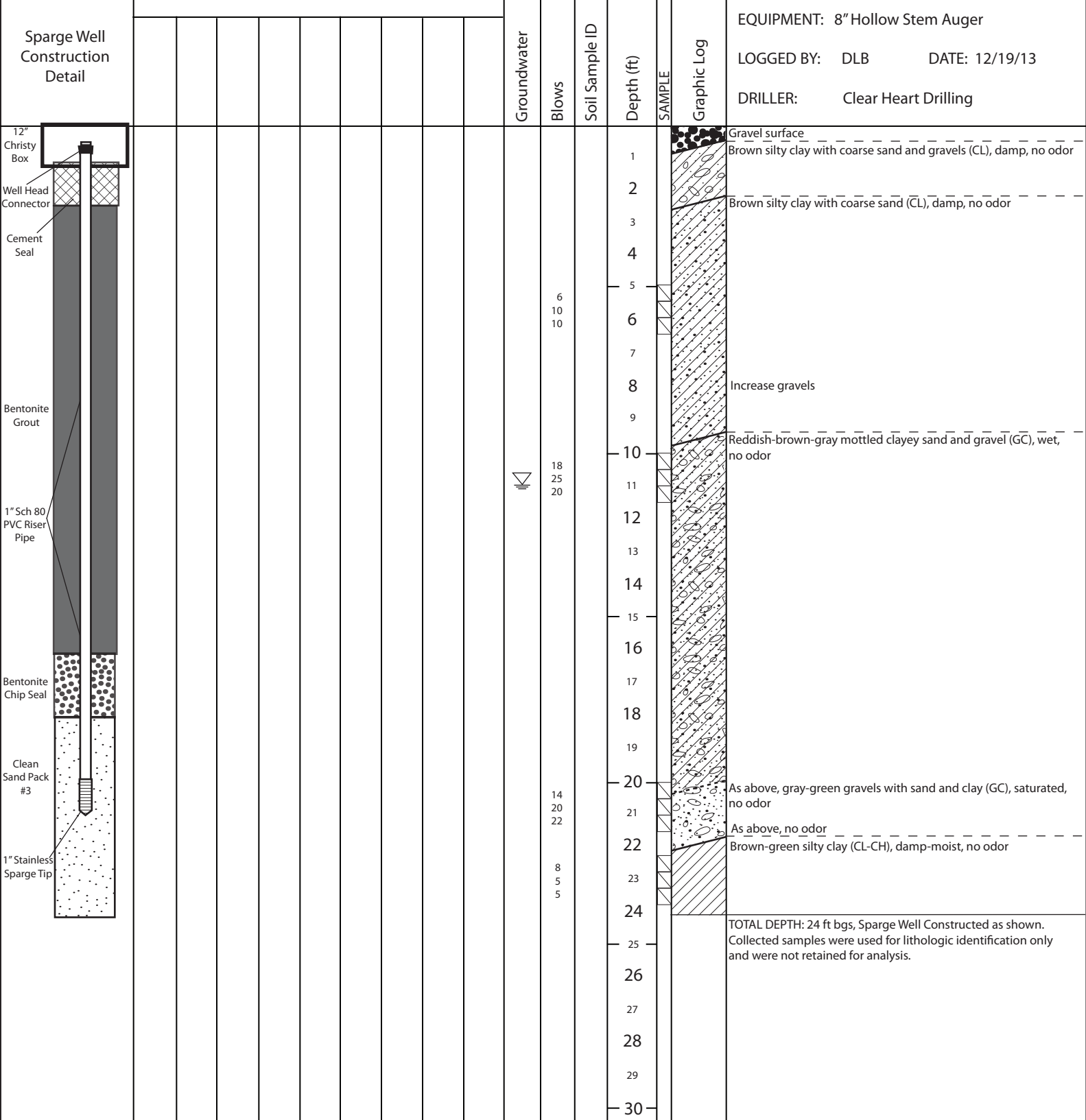
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**RW-5 LITHOLOGIC LOG AND
 SPARGE WELL CONSTRUCTION DETAIL**
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PLATE
 10



EXPLANATION

Retained Soil Sample

Record Soil Sample

Groundwater Interface



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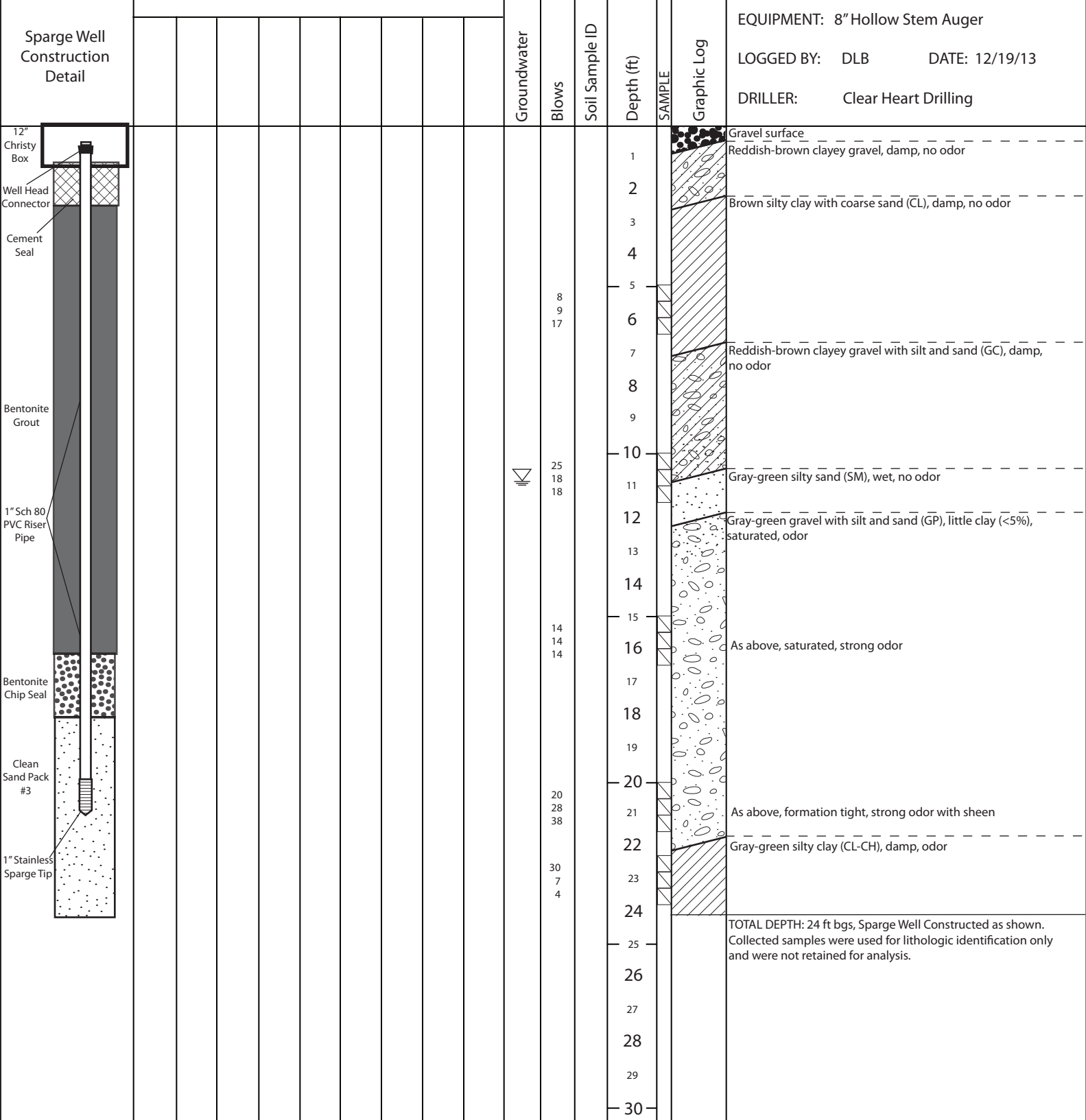
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**RW-6 LITHOLOGIC LOG AND
SPARGE WELL CONSTRUCTION DETAIL**
UST Remediation - Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

PLATE
11



EXPLANATION

Retained Soil Sample
 Record Soil Sample

Groundwater Interface



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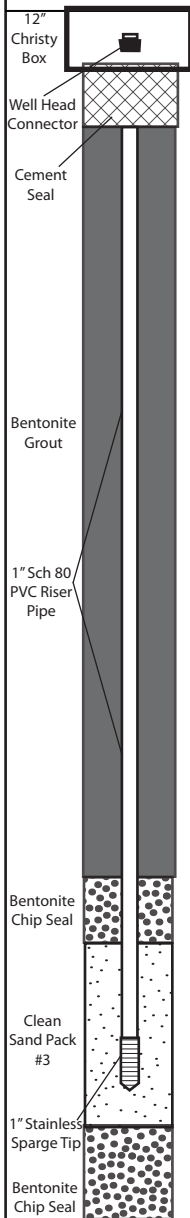
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**RW-7 LITHOLOGIC LOG AND
SPARGE WELL CONSTRUCTION DETAIL**
UST Remediation - Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

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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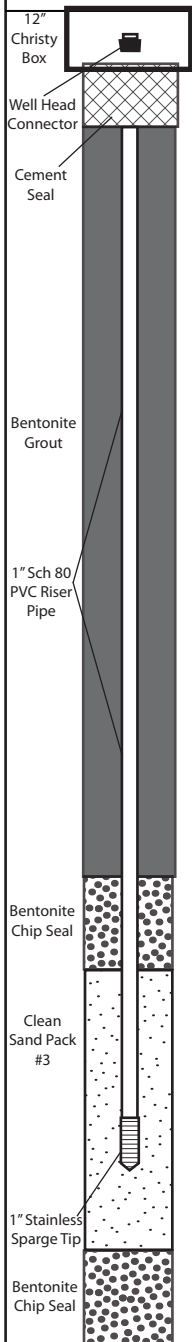
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**RW-8 LITHOLOGIC LOG AND
 SPARGE WELL CONSTRUCTION DETAIL**
 UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
 13

Sparge Well Construction Detail



EQUIPMENT: 8" Hollow Stem Auger
 LOGGED BY: DLB DATE: 12/18/13
 DRILLER: Clear Heart Drilling

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		Gray-green gravelly sand (SP), saturated, no odor
	8		20		
	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
	4		27		
	6		28		
	7		29		
			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



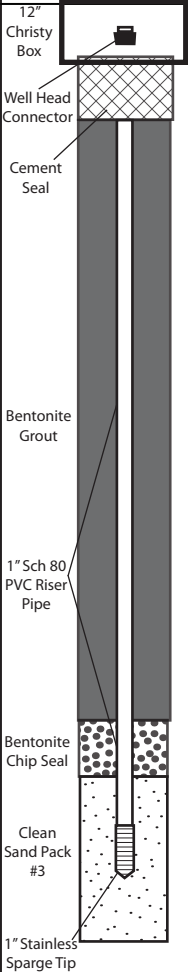
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**RW-9 LITHOLOGIC LOG AND
 SPARGE WELL CONSTRUCTION DETAIL**
 UST Remediation - Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, California

PLATE
 14

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: 12/17/13
							DRILLER: Clear Heart Drilling									
													Gravel surface			
												1	Brown silty clay, damp			
												2				
												3	Light brown silty sand and clay (CL), dry			
												4				
												5	Reddish-brown silty clayey gravel with sand (GC-GM), damp, no odor			
								20				6				
								24				7				
												8				
												9				
												10	As above, wet lenses, no odor			
								18				11				
								20				12				
												13	Mottled brown-gray-green gravel with sand silt and clay (GC-GM), saturated, no odor			
												14				
												15				
								34				16				
								40				17				
								42				18				
												19	As above			
												20	Gray-green silty clay (CL-CH), with minor fine sand, stiff, damp, no odor			
								7				21				
								9				22				
								9				23				
												24				
												25				
												26				
												27				
												28				
												29				
												30				

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
  Groundwater Interface
 Record Soil Sample



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Consulting and Project Management
Santa Rosa, California

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CLIENT: Hulsman
PROJECT: 451.0711
DRAFTED BY: DLB
DATE: JUNE2014

**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

-  Soil Sample submitted for analysis
-  Groundwater sample submitted for analysis
-  Soil Sample observed for logging
- *Groundwater sample units reported in ug/kg



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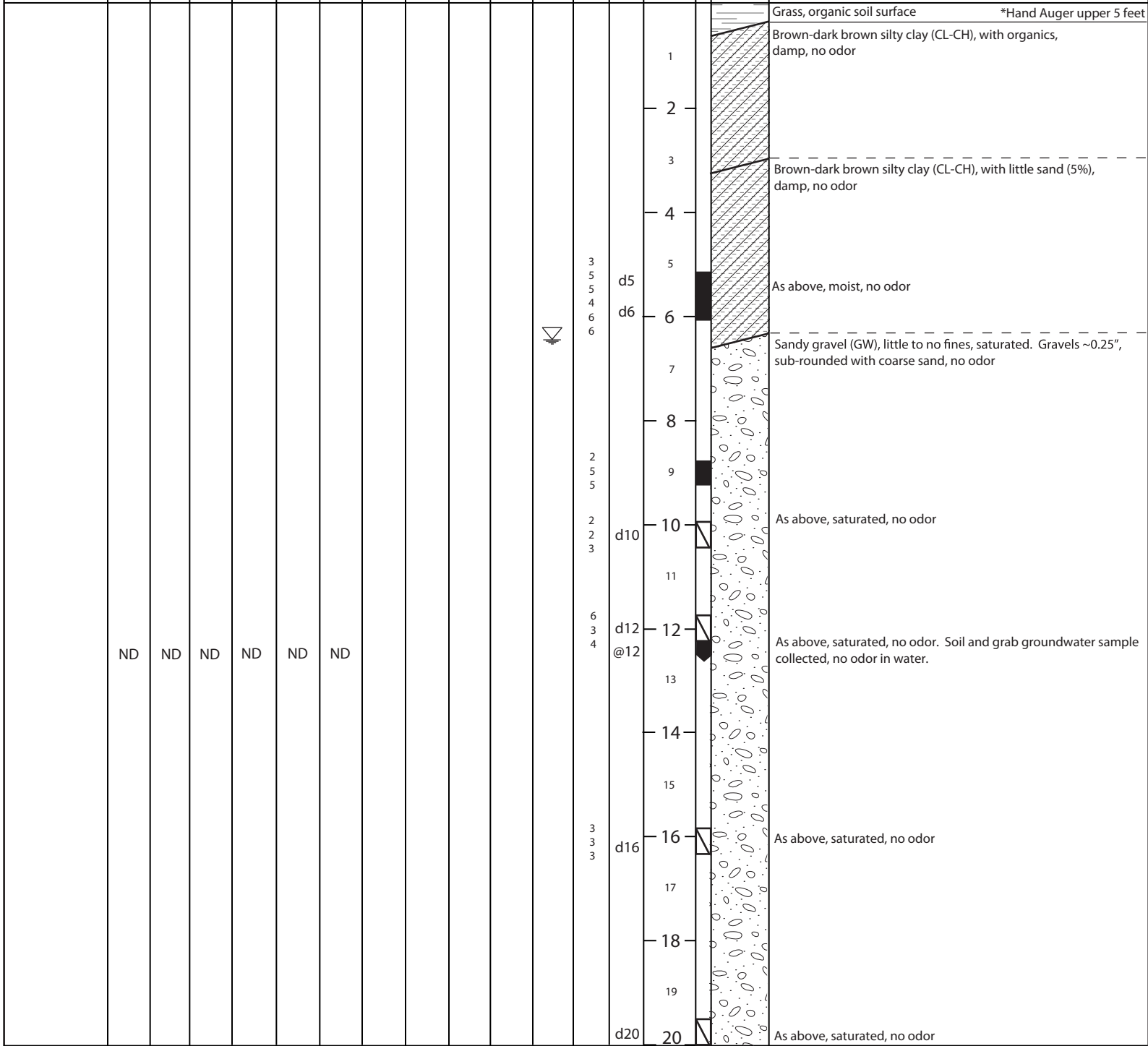
CLIENT: Hulsman
PROJECT: 451.0711
DRAFTED BY: DLB
DATE: APR 2013

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
	TPH-Gasoline	Benzene	Toluene	Ethy-benzene	Xylene	MTBE								LOGGED BY: DLB



EXPLANATION Soil Sample submitted for analysis Soil Sample observed for logging	Groundwater sample submitted for analysis *Groundwater sample units reported in ug/kg ND = Not Detected	TOTAL DEPTH: 20-feet bgs. Soil samples collected at depths of 5, 6, and 9-feet bgs submitted to Prima to be batched for Bench Test analysis. Soil samples collected at 10, 12, 16, and 20-feet bgs used for logging purposes and were not retained. Groundwater sample collected at 12-feet bgs submitted to Analytical Sciences for analysis by EPA 8021, results presented on this Log.
--	---	---

<p>ENVIRONMENTAL GEOLOGY SERVICES, INC. Consulting and Project Management Santa Rosa, California</p> <p>Est. 1989, A Veteran Owned Business www.EGSconsultants.com</p> <p>Office: 707-528-0810 Fax: 707-528-1956</p>	CLIENT: Hulsman PROJECT: 451.0711 DRAFTED BY: DLB DATE: APR 2013	<h3>BT-2 LITHOLOGIC LOG</h3> <p>BENCH TEST REPORT Hulsman Transportation 325 Yolanda Avenue, Santa Rosa, California NC-RWQCB CASE NO. 1TSR050</p>	<h2>PLATE</h2> <h1>4</h1>
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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		Brown-light brown silty sand and clay (CL), fine, damp, no odor	
											4			
											d4			
											5		Coarsening	
									11 19 27 12 27 32		d6		Reddish-brown clayey sand (SM), damp, no odor	
											7			
											8		Reddish-brown sandy gravel (GW), gravels (~1"), angular, damp, no odor	
											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			
											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

- Soil Sample submitted for analysis
 - Groundwater sample submitted for analysis
 - Soil Sample observed for logging
- *Groundwater sample units reported in ug/kg



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CLIENT: Hulsman
PROJECT: 451.0711
DRAFTED BY: DLB
DATE: APR 2013

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	
											1			
											2			
											3		Rounded gravels, possible trench of older leach field associated with on site house	
											4			
											5			
									22 29 34	d6	6		Brown silty clay with sand and gravel (CL-SC), damp, no odor	
											7			
											8			
									21 27 32	d9	9			
											10			
											11			
											12		Silty gravel with sand (SM-GM), wet, no odor	
											13			
											14			
									22 23 22	d14	14			
											15			
											16		As above, no odor	
									20 21 23	d16 @16	16			
											17			
											18			
											19			
											20			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.

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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CLIENT: Hulsman
PROJECT: 451.0711
DRAFTED BY: DLB
DATE: APR 2013

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		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.
											7		
											8		
											9		
											10		



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CLIENT: Hulsman
PROJECT: 451.0711
DRAFTED BY: DLB
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

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

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
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

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



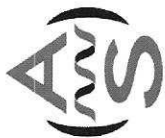
Volatile Hydrocarbons by GC/MS

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



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: 6022901
 Client Project Name: 325 YOCAN-DA AVE
 Client Project Number: _____

RUSH

CLIENT INFORMATION	
Company Name:	<u>Environmental Geology Services</u>
Address:	<u>6169 Amie Drive</u> <u>Windsor, CA 95492</u>
Contact:	<u>David Bush</u>
Phone #:	<u>(707) 528-0810</u>
Fax #:	<u>(707) 528-0810</u>
e-mail:	<u>dbush@egsconsultants.com</u>

TURNAROUND TIME (check one)	
Same Day	<input checked="" type="checkbox"/>
48 Hours	<input type="checkbox"/>
5 Days	<input type="checkbox"/>
24 Hours	<input type="checkbox"/>
Normal	<input type="checkbox"/>

Geotracker EDF: Y N
 Global ID: _____

Cooler Temperature
100 °C

Page 1 of 1

ANALYSIS

Item	Client Sample ID	Date Sampled	Time	Matrix	# Cont.	Presv. Y/N	TPH/Gas/BTEX & MTBE EPA 8015/8021	TPH Diesel / Motor Oil EPA 8015M	Volatile + PCBs EPA 8260B (Full List)	BTEX & Oxygenates + PB Scavengers EPA 8260B	Oxygenated Fuel Additives EPA 8260B	Chlorinated Solvents EPA 8010 / EPA 8260B	Semi-Volatile Hydrocarbons EPA 8270C	TRPH / TOG SM 5520F / EPA 418.1	Pesticides / PCBs EPA 8081 / 8141 / 8082	Cam 17 Metals / 5 Luft Metals	Total Lead	Comments	Lab Sample #	
1	<u>DW-325</u>	<u>2/29/16</u>	<u>755</u>	<u>H₂O</u>	<u>3</u>	<u>Y</u>			<u>X</u>									<u>6022901</u>	<u>-01</u>	
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

SIGNATURES

Relinquished By: _____ Signature _____
 Sampled By: DAVID BUSH Received By: _____ Signature _____
 Date: 2/29/16 Date: 2.29.16
 Time: 835 Time: 8:35

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. ITR050**

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

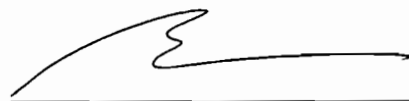
LIMITATIONS

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.

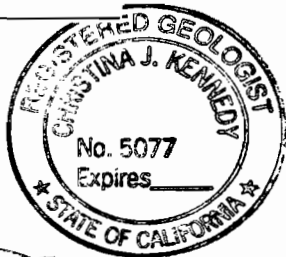
If you require further information, please feel free to call me at 707-823-2324.

Sincerely,

ECON,



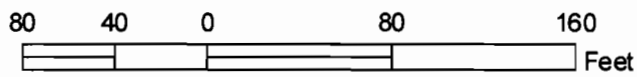
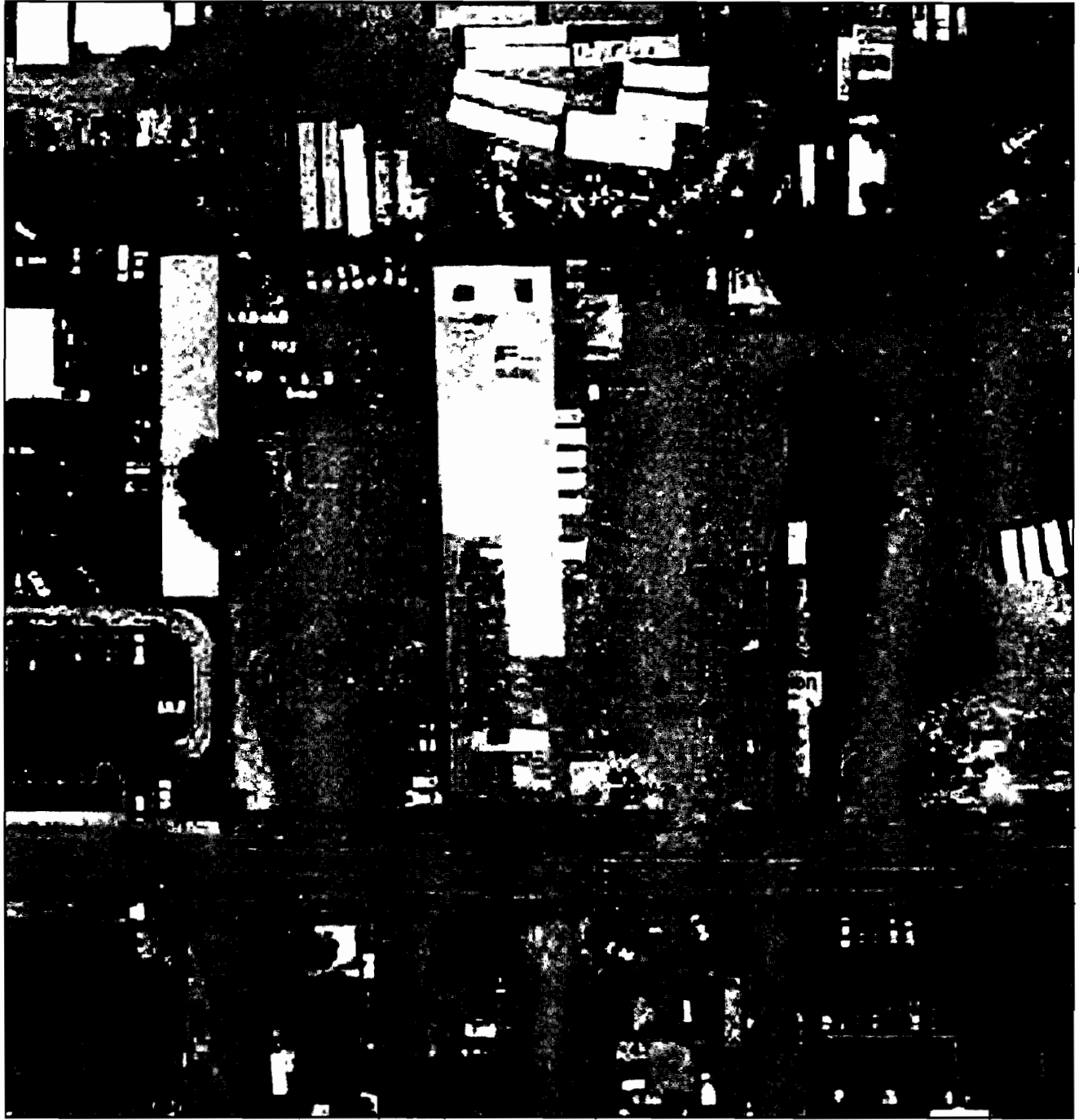
Andrew S. Rodgers
Project Manager



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

For Office Use Only
Amount paid \$922.00
Receipt number 0718
Payment date 10/15/04
Revenue code 143

APPLICATION FOR MONITORING WELL PERMIT
for Regional Board Lead/Environmental Assessment

Site ID # 35 Permit # MW-44716 Destruct-4477

Well type: Monitoring well Recovery extraction well Boring Injection well
 Soil gas survey Hydropunch Air sparging/venting Other _____

Well depth 3.25/1-4' Boring depth _____ Hydro depth _____ Air sparging/venting depth _____

On-site well/boring 4 ID # MW-152525, 70 # 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 LAGER-HUERTAN Phone _____

Address 325 YUKONA AVE SANTA ROSA, CA AP# _____

Responsible Party LAGER-HUERTAN Phone _____

Address 325 YUKONA AVE SANTA ROSA, CA

Consultant ECOM Phone 707-779-0202

Address 305 PENNYMA PL SANTA ROSA, CA 95402 License #/Type _____

Drilling Contractor Coast West Drilling, Inc. Phone 707-568-1075

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 3.10-25', 1e 30-40' Chemical constituents TRICHS, PCB, MIFE

Disposal method for soil cuttings _____ Disposal method for development water _____

Drilling method Horizontal Air 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

Well identification number and well type shall be affixed to the exterior surface security structure.

RWQCB approval JOAN ECKER VERGAL Date 11/09/04

~~001343P
WELL PER 612.00
001343P
WELL PER 812.00
TOTAL 1424.00
CHECK 1224.00
CHANGE 200.00
0688 12 16 04~~

Address 325 Yukinda
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 (907) 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
 Insurance Carrier State Fund Expiration Date 1/1/05

Once all wellborings are detailed, submit a "Letter of Completion" to complete permit process.

Indicate on attached plot plan the exact location of wells with respect to the following items: property lines, water bodies or water courses drainage system, roads, existing public sewer main and lateral 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
 0013430
 WELL PER 318.00
 TITANT 922.00
 CHECKS 922.00
 CHANGE 0.00
 10/13/04 0718 #2 1676

FOR OFFICE USE ONLY - ENVIRONMENTAL HEALTH DIVISION

Permit approved by [Signature] Date 11/09/04
 Constr. approved by _____ Observed? Yes No Well # _____ Date _____



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M: 707-953-1020

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

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.

- 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.

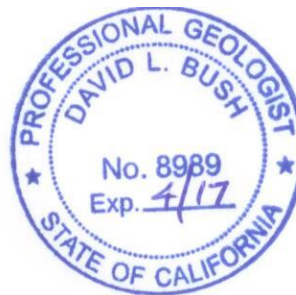
Finally, the Report is being issued with the understanding that it will be used in its entirety.

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

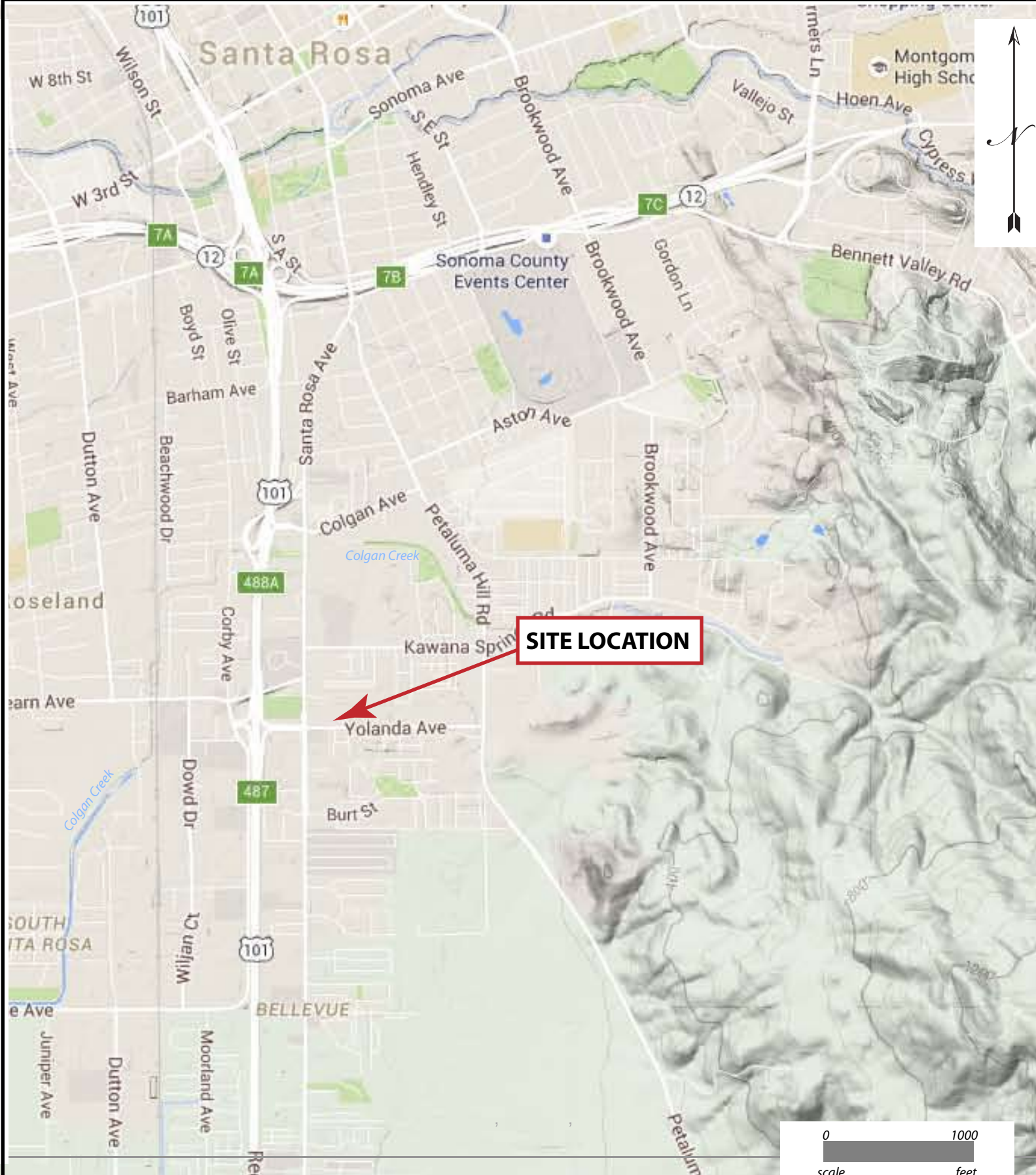
Site Photos

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
DRAFTED BY: DLB
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		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.
											7		
											8		
											9		
											10		



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


CLIENT: Hulsman
PROJECT: 451.0711
DRAFTED BY: DLB
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



EXPLANATION

-  EXISTING DOMESTIC WATER SUPPLY WELL
 ABANDONED DOMESTIC WATER SUPPLY WELL
-  EXISTING ONSITE MONITORING WELL
 EXISTING OFFSITE MONITORING WELL
-  GRADIENT DIRECTION




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 PROJECT: 451.0711
 DRAFTED BY: DLB
 DATE: NOV 2016

500-FOOT RADIUS MAP
REPORT: SOIL VAPOR INVESTIGATION and SENSITIVE RECEPTOR SURVEY

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



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: 

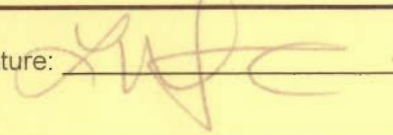
Name: Dave Bush

Screens Used: _____

Risers Used: _____

Safety Meeting Held by: _____

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)

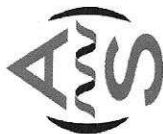
Prepared & Analyzed: 08/08/16

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%



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REPORT:
SITE EVALUATION FOR CASE CLOSURE

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

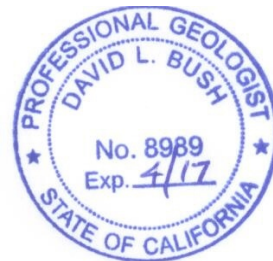
Prepared for:

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



March 3, 2016
Project #451.0711

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Attachment B: Analytical Soil and Groundwater Summary Data Tables

Attachment C: Historic Concentration Trend Charts 1 through 12

Attachment D: Boring Logs

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

Distribution via e-mailed PDF:

Ms. Jo Bentz, NC-RWQCB, jbentz@waterboards.ca.gov

Mr. Jim Hulsman, jhulsman1@frontier.com

Mr. Paul Hulsman, phulsman@yahoo.com

Uploaded to State Geotracker Database

INTRODUCTION

The enclosed 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 letter dated October 5, 2015.

This Report includes and 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 site soil and groundwater data, presents historic concentration trends that display decreasing long term trends, provides historic groundwater gradient information, residual contaminant plume definition, discusses the comingling 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.

The site specific Site Conceptual Model is presented in the following sections of this Report, followed by the Site LTCP Evaluation and 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). The primary building was constructed on the property in approximately 1947 (Plate 2, Site Map). The property consists of Sonoma County APN 044-071-002, which totals 5.46 +/- acres (Plate 3, APN 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. 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.

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, Plate 2)
- ▶ 4,000-gallon and 8,000-gallon diesel UST's, removed in 1988 (related case closed, Plate 2)
- ▶ 175 cubic yards of soil (*SECONDARY SOURCE*) over-excavated in the area of former 500-gallon UST - 1991

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:

- Herzog & Associates, *Report: Underground Tank Investigation*, February 27, 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, 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, groundwater monitoring reports documenting the October 2011, March and October 2012, March, June, and September 2014, and Mar/Apr 2015 sampling events.

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 5 (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.

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 5, 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. 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.

Two (2) UST's², one 4,000-gallon and one 8,000-gallon, containing diesel fuel removed from the site in October 1988 (Herzog, 1989). On November 29, 1998, 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. soil sample was also collected from MW-1 at a depth of 15 feet bgs resulting in no detections for compounds analyzed (Table 5). On December 7, 1998, groundwater samples were collected from MW-1 with no detections of TPH-G or BTEX compounds. A

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. Soil samples were collected from depths of 21 and 31 feet bgs resulting in no detections of compounds analyzed for (Table 5). On June 8, 1990, groundwater samples were collected from MW-2 resulting in no detections of TPH-G or BTEX compounds.

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 5, Appendix B). There were detections of TPH-G and BTEX compounds in

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).

2

These UST's are NOT a part of the current investigation, but are noted here to provide accurate site history and areas of the site that have been explored.

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).

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 5, Appendix B).

On September 26, 2001, ECON completed a groundwater monitoring event of original site wells MW-1, MW-2, MW-3, and 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 (located in a gravel parking area).

Groundwater Monitoring

Groundwater at the site was infrequently monitored since the time of the UST removal in 1982. 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. EGS has not located well B-18, and it is our understanding that original site monitoring wells MW-1 and MW-2 (associated with the former diesel UST's on the site) have not been located and properly abandoned (although a geophysical survey has not been completed for B-18, or original wells MW-1 and MW-2).

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.

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 aquifer³ 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 aquifer⁴ 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.

3

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.

4

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.

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. We estimate 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.

Depth to Groundwater

Our review of boring logs and monitoring well logs 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 (Refer to Plate 11).

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 (Plate 11). 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, attached Plates).

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 all of the soil samples collected from this site during the historic subsurface exploration 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 5, 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).

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 5).

BTEX - The highest concentrations of BTEX compounds detected in soil was during the additional soil over-excavation performed by Sierra Environmental in 1991. The soil sample was collected from the bottom of the excavation pit (23 feet bgs), and resulted in concentrations of benzene at 0.070 ppm, toluene at 0.23 ppm, ethyl-benzene at 0.84 ppm, and xylenes at 0.36 ppm (Table 5).

Groundwater

It appears that the residual contamination mainly resides in the *shallow groundwater* at this site, and that is therefore the 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 current 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. 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 clearly indicate a separation of 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 are currently 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 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 (aquitard) 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	II	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	II	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	II	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 is one water supply well located within 250 feet of the residual contaminant plume. This well (DW-325) is located on the subject site, approximately 217 feet northeast (upgradient) from monitoring well MW-3s. 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).

Outdoor Exposure, Indoor Air and Vapor Intrusion: There has not been a vapor intrusion investigation at this site, and we believe that it is not warranted. 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.”

The Site Conceptual Model exposure pathways are presented on Plate 12 of this Report.

Sensitive Receptors

EGS did not locate a completed Sensitive Receptor Survey for this site. However, based on our initial conversations with Joan Fleck, NC-RWQCB, it was suggested that we confer with the adjacent site consultant and incorporate the findings of a completed Sensitive Receptor Survey for the Malm Metal site rather than spending additional funds to complete a SRS for the subject site.

Therefore, we consulted with the ECA, the consultant for the adjacent site (2640 Santa Rosa Ave) to determine if domestic water supply wells are located in the area. Based on our consultation, ECA had identified seven (7) water supply wells in the area of the investigation sites. 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. This well location is shown on Plate 11.

- Well W-2: Interior of the Malm Metal building (2642 Santa Rosa Avenue), had been out of service since 1988 and *abandoned in 2000*. This well location is shown on Plate 11.
- Well W-3: 302 Yolanda Avenue, had been out of service since 1978, *abandoned in 2000*. This well location is shown on Plate 11.
- Well W-4: 316 Yolanda Avenue, replaced by Well W-7 in 1983 due to contamination impacts, and *abandoned in 2005*. This well location is shown on Plate 11.
- Well W-5: 2696 Santa Rosa Avenue, *abandoned in 2000*.
- Well W-6: 2698 A Santa Rosa Avenue, *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*.

There is also a domestic water supply well located at the subject site address of 325 Yolanda Avenue (DW-325, attached Plates). Samples were collected from this well in 1989 and 1990, and EGS collected water samples from this well in October 2011 and for purposes of this Report on February 29, 2016, all of which resulted in no detections of CoC's (Table 4).

The on site water supply well is located approximately 217 feet northeast of monitoring well MW-3s, in an upgradient position from the minimal residual contaminant plume (Plate 10). This well is not being used for drinking water. Future site use as part of redevelopment is unknown at this time. However, it is likely that this well would be abandoned as part of a new development at this site.

The City of Santa Rosa services this area with city water and sewer. 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 2600 feet to the west.

There are no hospitals, schools, or day-care centers within ½ mile of the site, and there are no residences that use water supplied from a well near the residual contaminant plume.

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, analysis of soil and groundwater samples, and ongoing monitoring of the subject site and the adjacent site to the southwest (2640 Santa Rosa Avenue), concludes that residual petroleum hydrocarbon contamination remains in shallow groundwater near the area of the former UST in a localized, diminishing plume primarily located beneath a street.
- 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 that had been located near the southwest corner of the site building (Plates 2 and 4). The former UST was removed in 1982, and was approximately 40-50 years old.
- 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 separate 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 decreasing trends over the long term, in all site monitoring well for TPH-G and benzene.
- 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 current 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 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. During the most recent groundwater monitoring in September 2014, the only deeper monitoring well with a detection of residual contamination was B-37D (TPH-G at 71 ppb, ND for BTEX). It is our opinion that the deeper groundwater has been defined in the down gradient direction from MW-3d using the adjacent well data.
- Based on our review of historical soil data at this site, as presented in Table 5 (Appendix B), there have been no detection of gasoline related compounds in any soil sample collected in the upper 20 feet beneath this site. The only soils that contain detections of gasoline related compounds are saturated soils, within the shallow groundwater aquifer at depths greater than 20 feet bgs.
- The only domestic water supply well located within 250 feet of the former UST is located on site, approximately 217 feet up gradient from the highest concentration remaining in shallow groundwater (Plate 10). This well (DW-325) has been sampled in 1989 and 1990, and again by EGS in October 2011 and February 2016 and has not resulted in detections of gasoline related constituents.
- Questions remaining regarding the presence of a domestic water supply well located at 316 Yolanda Avenue was resolved when Ms. Jo Bentz inquired with the Sonoma County PRMD, who provided a copies of well abandonment completion for two wells (W-4 and W-7) at that site.
- 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 served by the municipal water supply from the City of Santa Rosa.

- b. The unauthorized release consists only of petroleum.

Satisfied: The site's 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 September 1982, a 500-gallon gasoline UST 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 1991, approximately 175 cy of soil was excavated and removed from the former 500-gallon UST area to a depth of 23 feet bgs. 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-sparging system to treat the residual groundwater impacts with favorable results during the time of operation.

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*), 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.
- ◆ No 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.
- ◆ A domestic water supply well is located on the subject site, approximately 217 feet up gradient, is not used for drinking water, and has always resulted in no detections when sampled (1898, 1990, 2011, Feb 2016). This is the primary reason why the site does not satisfy the preceding classes 2, 3, and 4. Future development scenarios likely do not include this well and it would be abandoned. Additionally, The property owner is willing to accept a deed restriction if the regulatory agency requires a deed restriction as a condition of closure that would include a requirement to abandon this well as part of near future site redevelopment. There are no other groundwater wells located within 1000 feet of the subject site.
- ◆ 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.
- ◆ Questions no longer remain regarding the presence of a domestic water supply well located at 316 Yolanda Avenue (down gradient) since the Sonoma County PRMD provided copies of well abandonment completion for two wells (W-4 and W-7) at that location.
- ◆ Deeper groundwater impacts are minimal, with no detections of BTEX compounds, and very low (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. Therefore, since there have been no detections of petroleum hydrocarbon constituents in the upper 20 feet of soil in all areas explored on the site, and since the primary location of the residual groundwater plume is not located beneath an existing building, nor will it be located beneath a future building, it is our opinion that vapor intrusion to indoor air does not appear to be an exposure pathway that poses a significant risk.

- 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; or

Satisfied: 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 *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

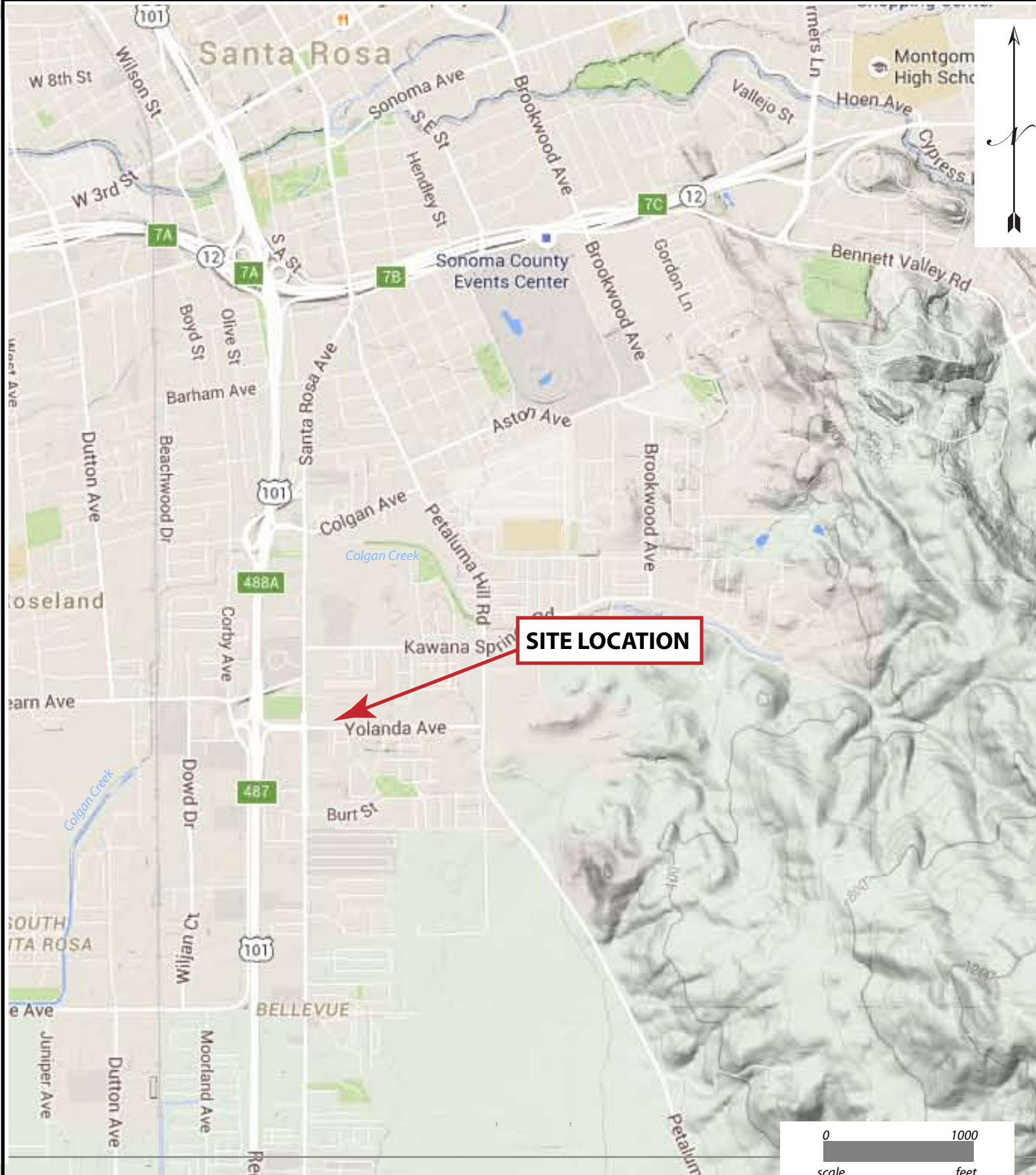
Based on our review, site conditions meet the general and media-specific criteria established in the Low-Threat Closure Policy, and therefore pose a low threat to human health, safety, and the environment, and satisfy the case-closure requirements of Health and Safety Code section 25296.10, and case 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 Media-Specific Criteria for Groundwater, EGS recommends that the NC-RWQCB issue a deed restriction that requires the on site domestic water supply well be abandoned as part of future site redevelopment.

APPENDIX A

Plates



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DRAFTED BY: DLB
DATE: MAR 2016

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M: 707-953-1020

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

PLATE
1



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SITE MAP
SITE EVALUATION FOR CASE CLOSURE
Hulsman Transportation
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PLATE
2



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

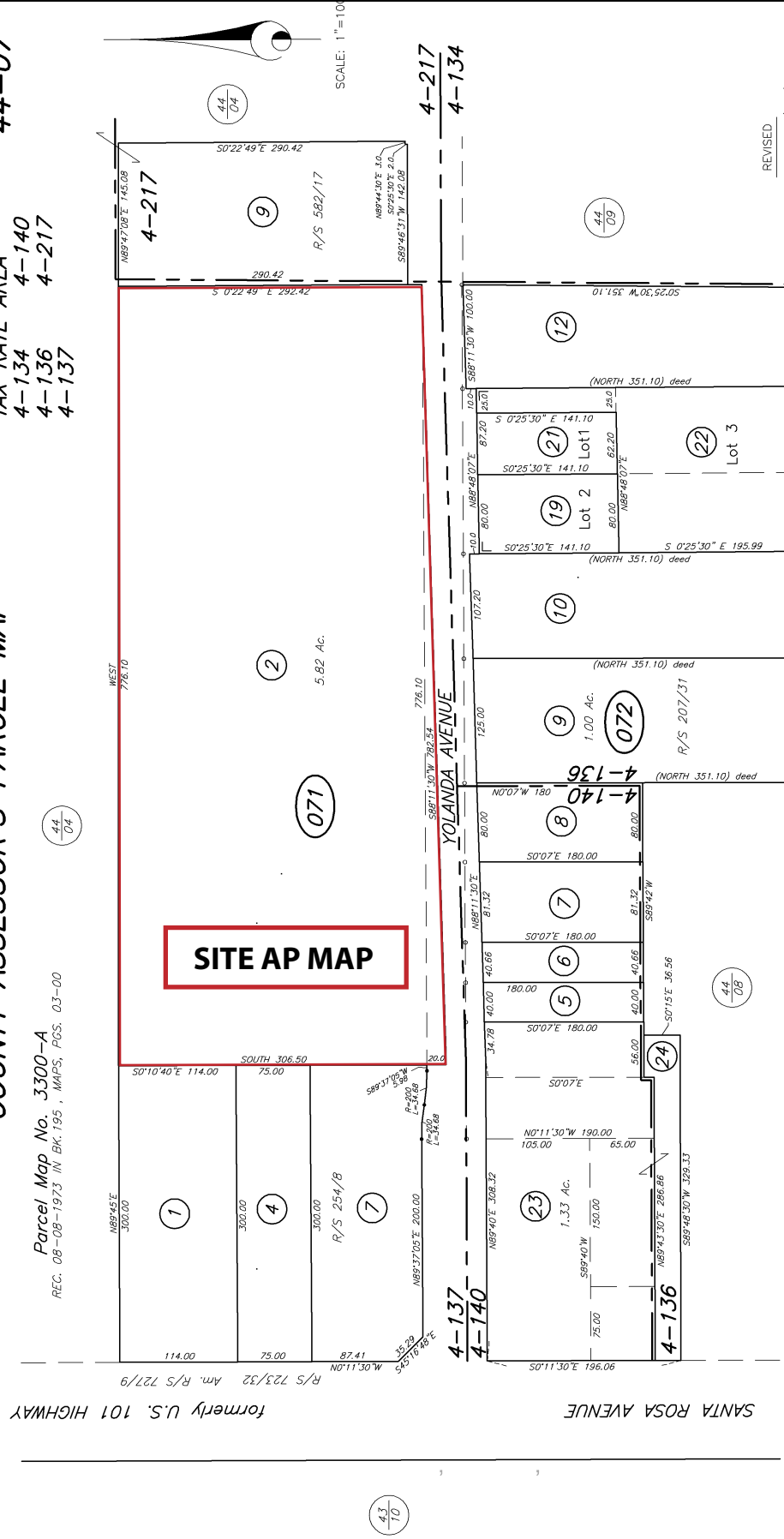
PLATE
3

COUNTY ASSESSOR'S PARCEL MAP

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

44-07

Parcel Map No. 3300-A
REC. 08-08-1973 IN BK. 195, MAPS, PGS. 03-00



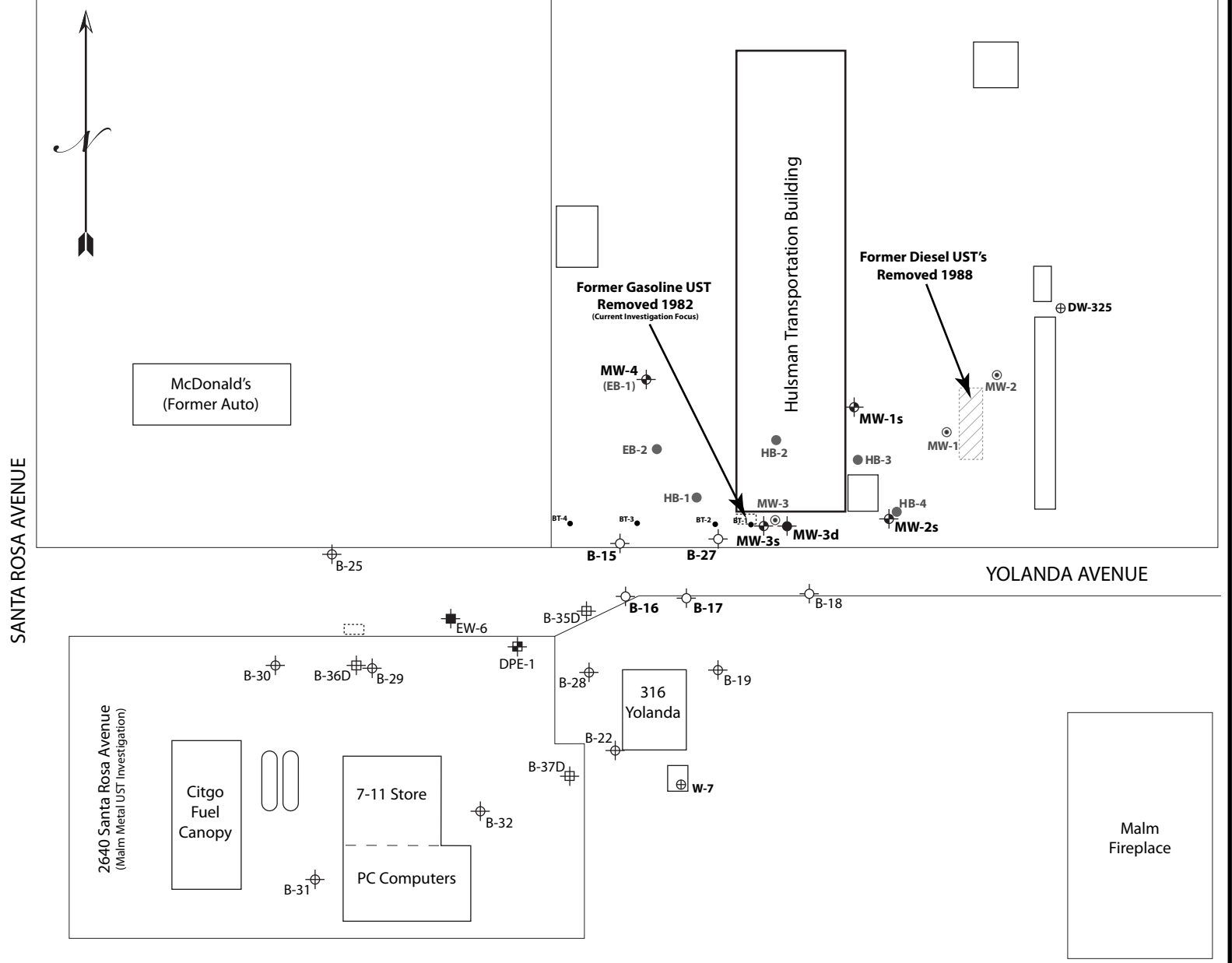
SITE AP MAP

NOTE: This map was prepared for Assessment purposes only and does not indicate either parcel legality or a valid building site. No liability is assumed for the accuracy of the data delineated. The Assessor is not responsible for the information supplied to the Assessor (i.e. recorded survey maps, recorded deeds, prior assessment maps, etc.)

NOTE: Assessor's parcels do not necessarily constitute legal lots. To verify legal parcel status, check with the appropriate city or county community development or planning division.

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

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



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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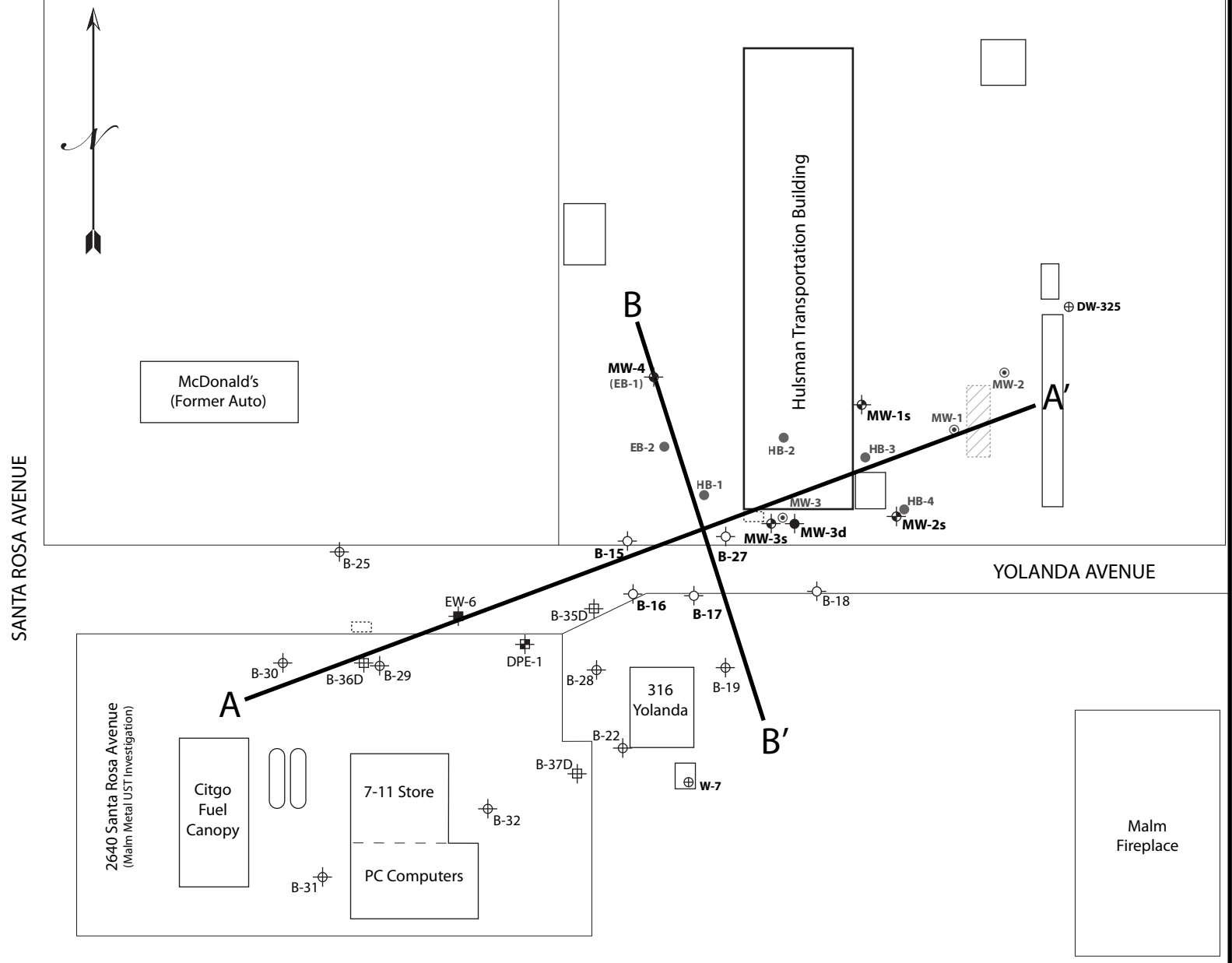
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PROJECT:
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DATE:
MAR 2016

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

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



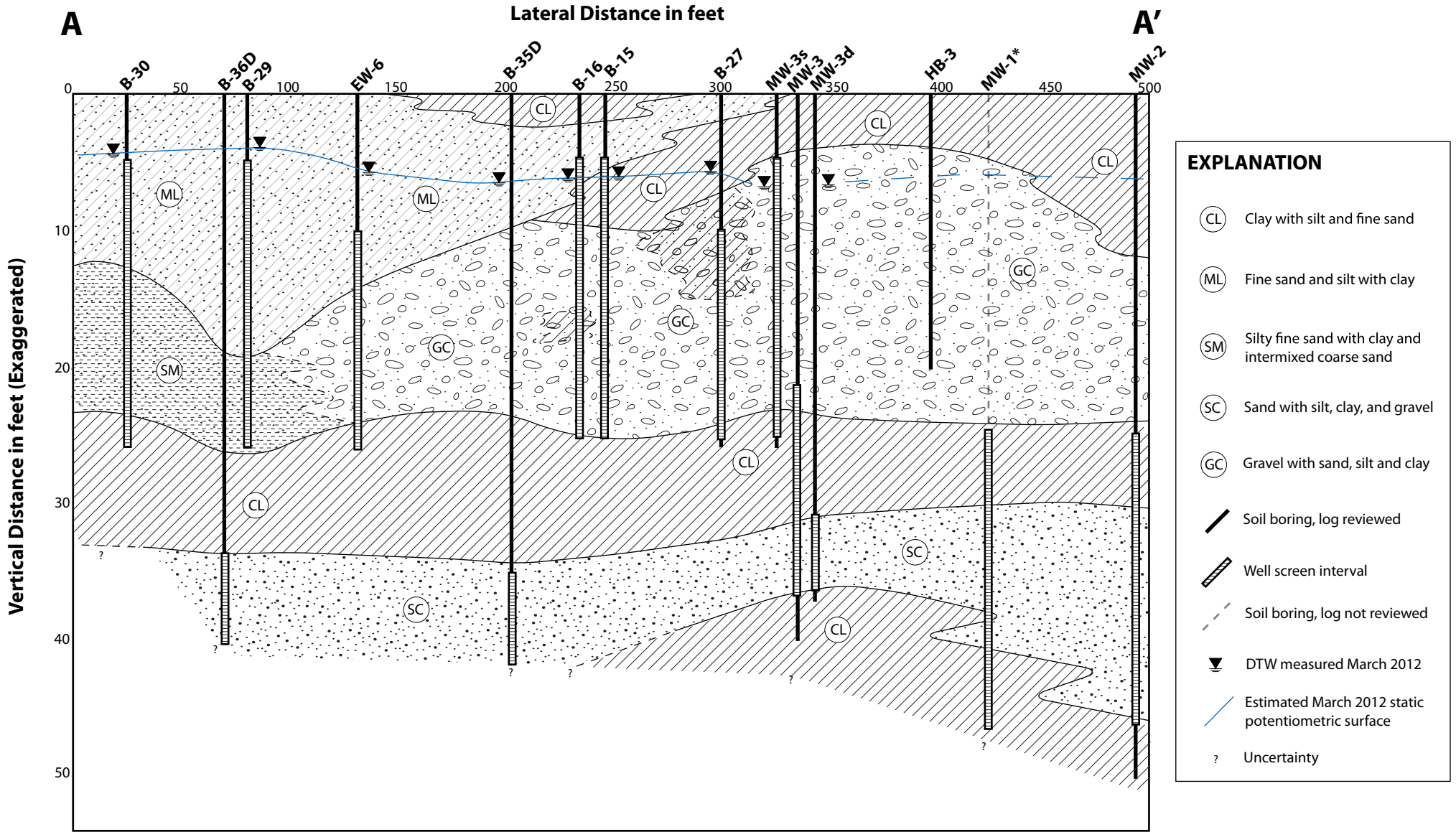
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GEOLOGIC CROSS SECTION MAP
SITE EVALUATION FOR CASE CLOSURE
Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California
NC-RWQCB Case #1TSR050

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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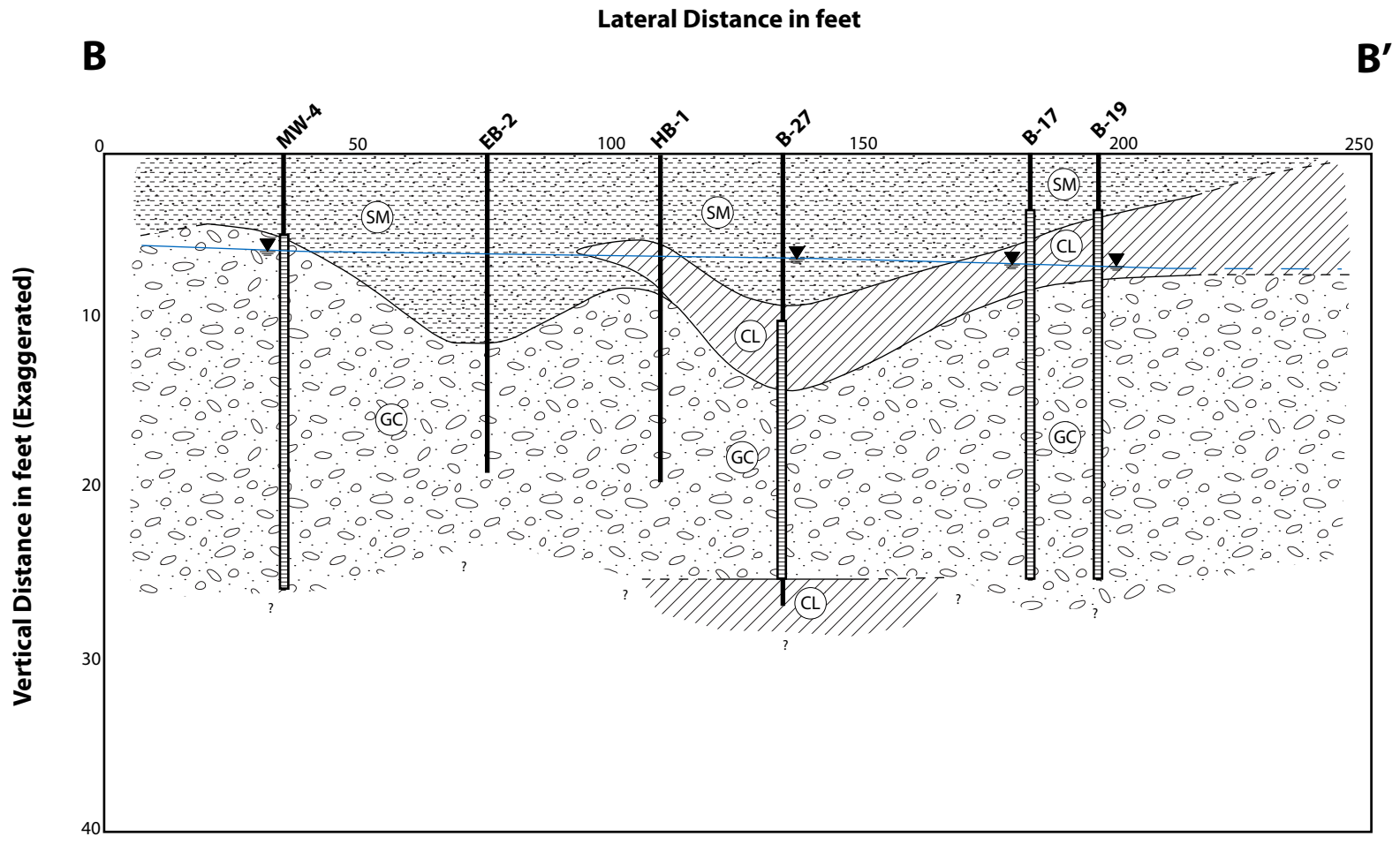
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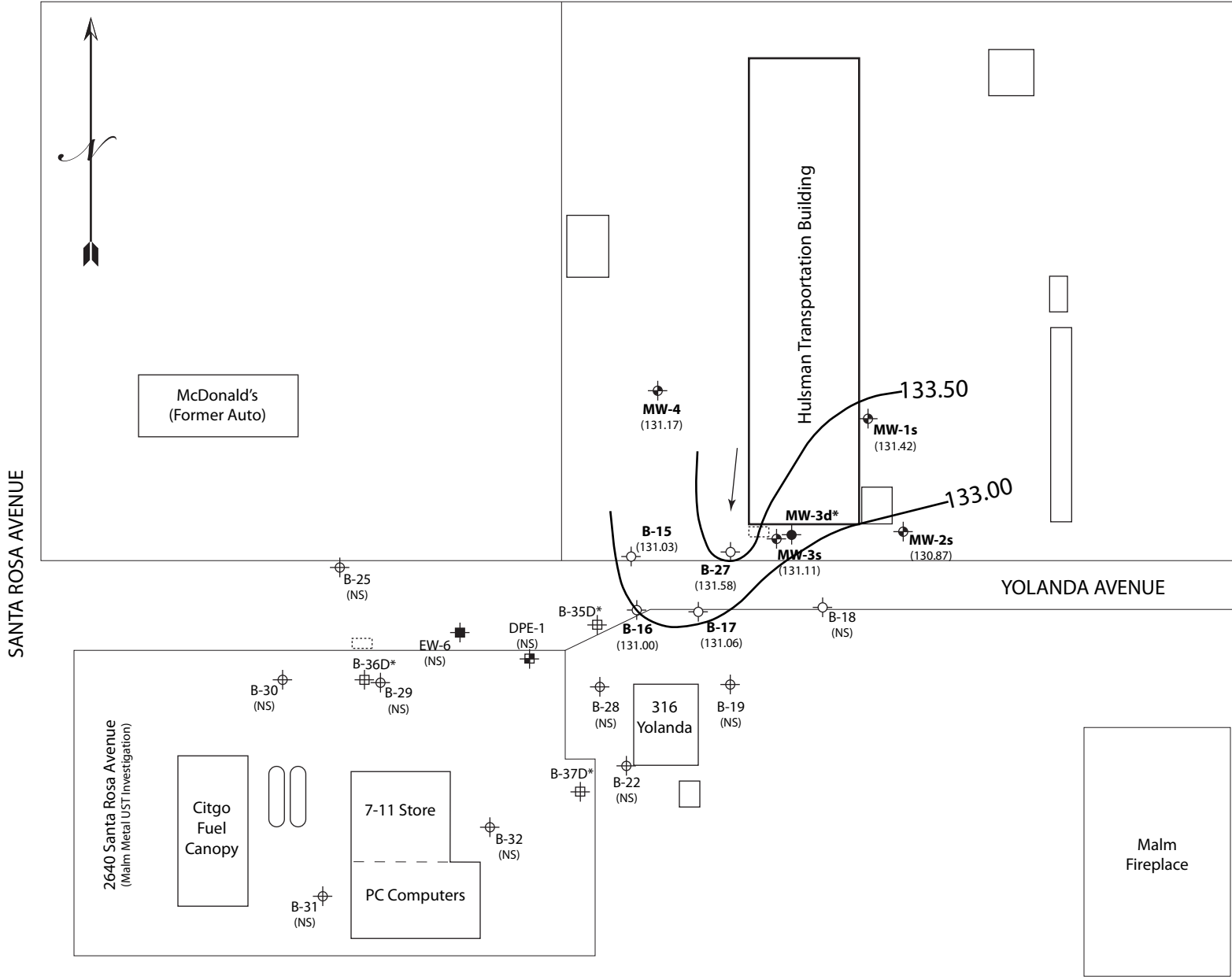
GENERALIZED GEOLOGIC CROSS SECTION A-A'

SITE 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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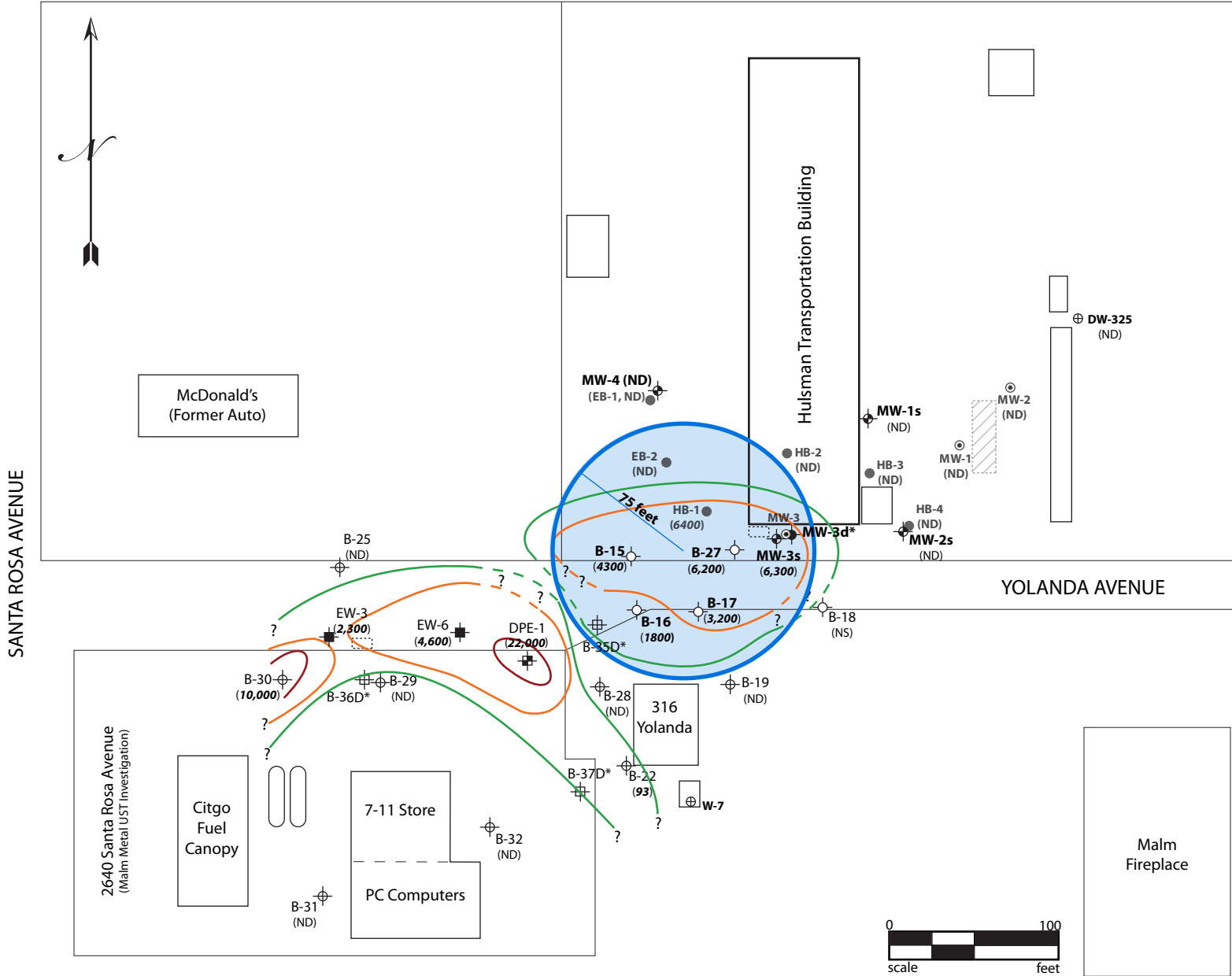
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**2015 SHALLOW GRADIENT MAP
SITE EVALUATION FOR CASE CLOSURE**

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
SITE EVALUATION FOR CASE CLOSURE**

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

PLATE

9



2016 Google, Map data ©2016 Google
 Measure distance
 Total distance: 217.60 ft (66.32 m)

0 50
 scale feet



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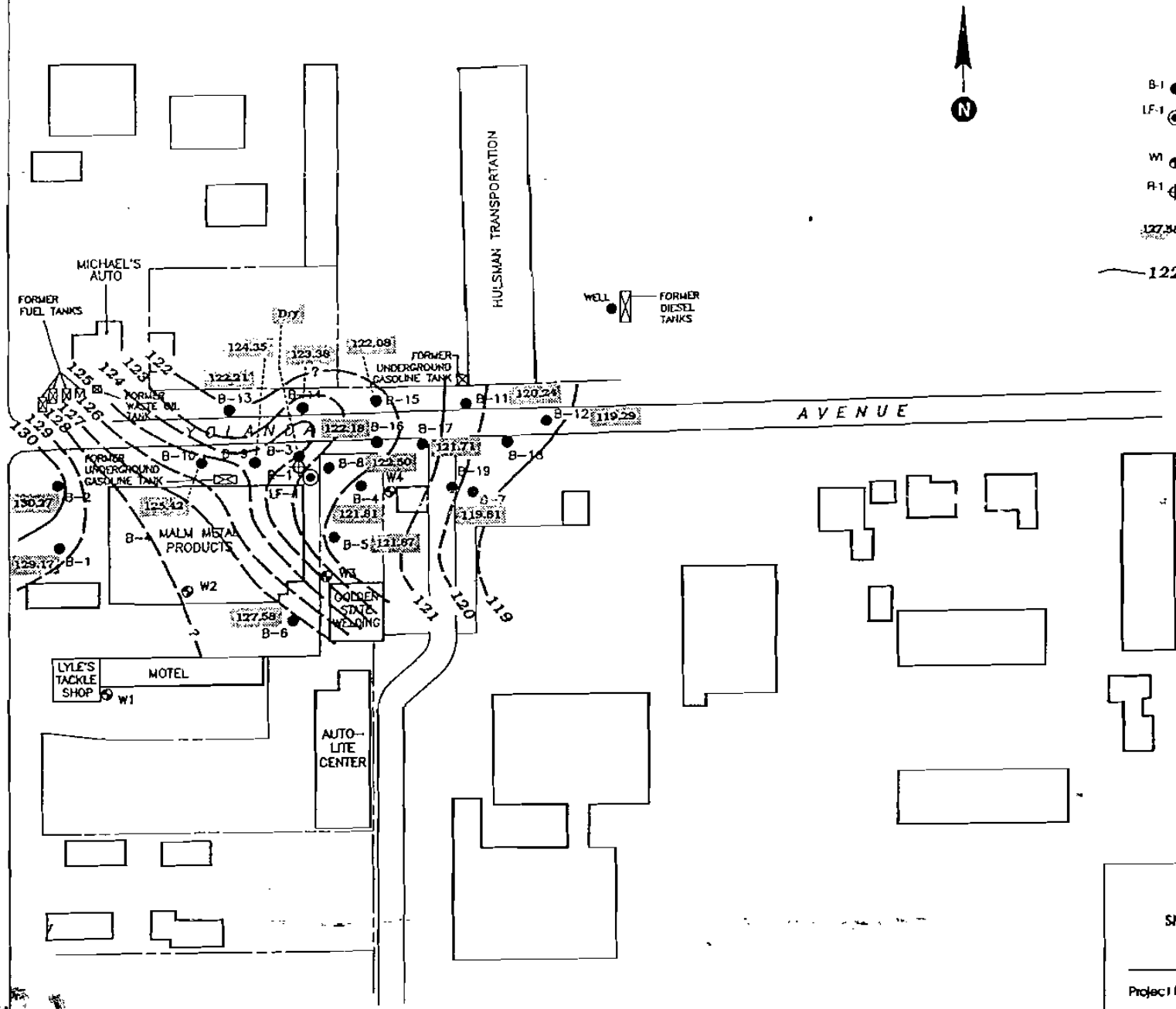
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DW-325 LOCATION MAP
SITE EVALUATION FOR CASE CLOSURE
 Hulsman Transportation
 325 Yolanda Avenue
 Santa Rosa, CA
 NC-RWQCB Case#1TSR050

PLATE
 10

SANTA ROSA AVE.



- EXPLANATION**
- B-1 ● Existing monitoring well
 - LF-1 ⊙ Levine-Fricke intermediate-depth monitoring well
 - W1 ⊕ Water supply well
 - R-1 ⊕ Recovery well
 - 127.38 Ground-water elevation (feet above mean sea level)
 - 122 Line of equal ground-water elevation; dashed where approximate; queried where inferred (feet above mean sea level)

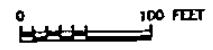


Figure 4 :
SHALLOW GROUND-WATER ELEVATIONS
MEASURED ON JUNE 18, 1990

Project No. 1962.01 **LEVINE • FRICKE**
COMMUNITY ENGINEERS AND HYDROLOGISTS



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1990 SITE GRADIENT WITH FORMER DOMESTIC WELLS

SITE EVALUATION FOR CASE CLOSURE

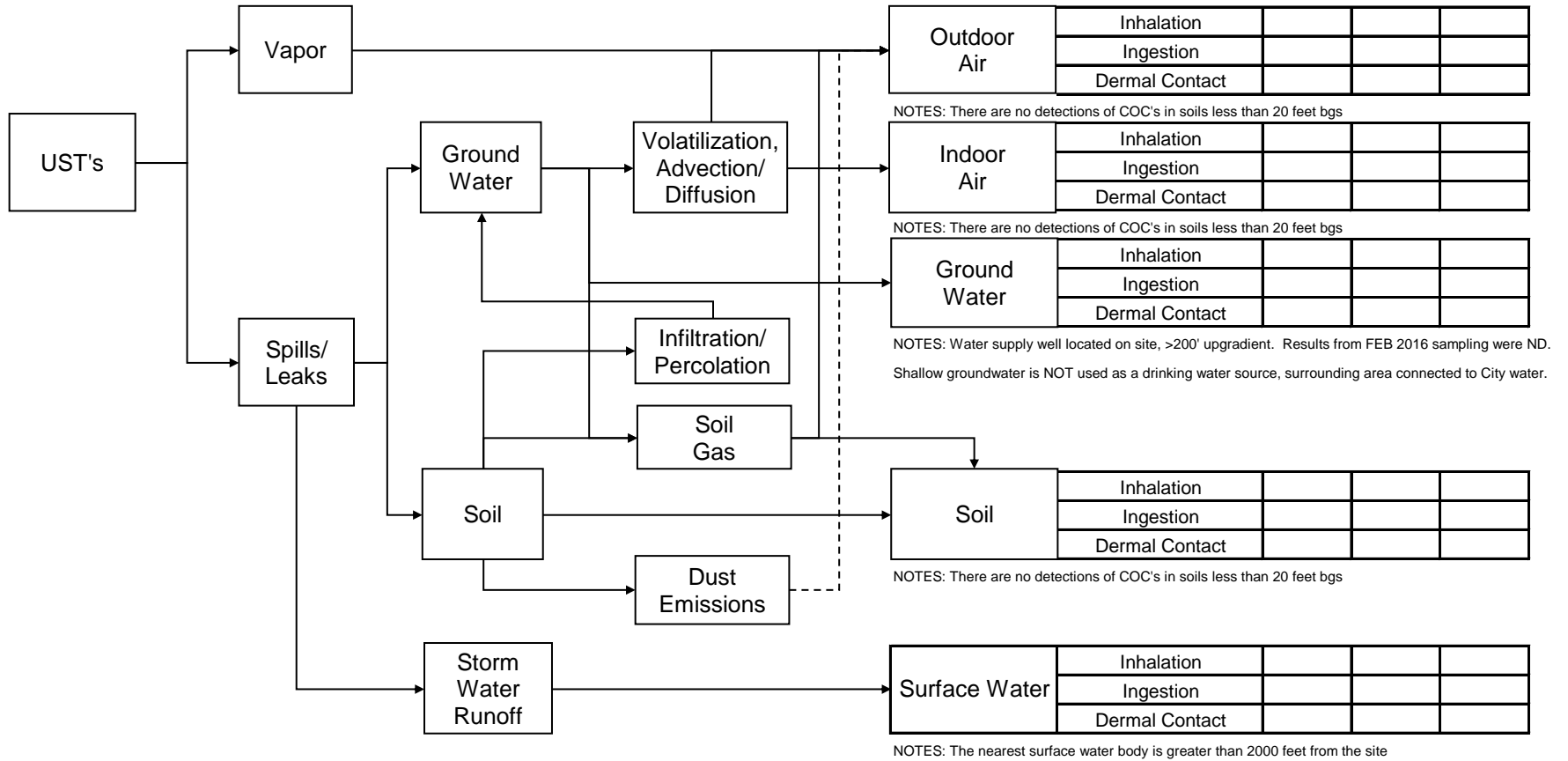
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NC-RWQCB CASE NO. 1TSR050

PLATE

11

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

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



EXPLANATION

o
x

Pathway is not complete; no evaluation required

Pathway is or might be complete but is judged to be minor

Pathway is or might be complete and could be significant



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SITE CONCEPTUAL MODEL
SITE EVALUATION FOR CASE CLOSURE
Hulsman Transportation
325 Yolanda Avenue, Santa Rosa, California
NC-RWQCB CASE NO. 1TSR050

PLATE
12

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, MW-3d

Date	Sample ID	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	DTW
11/30/2004	MW-1s	ND	ND	ND	ND	ND	ND	13.67
2/9/2005	MW-1s	ND	ND	ND	ND	ND	ND	8.98
11/29/2007	MW-1s	ND	ND	ND	ND	ND	ND	12.14
3/1/2010	MW-1s	ND	ND	ND	ND	ND	ND	8.13
10/18/2011	MW-1s	ND	ND	ND	ND	ND	ND	11.62
3/27/2012	MW-1s	ND	ND	ND	ND	ND	ND	8.42
3/12/2014	MW-1s	ND	ND	ND	ND	1.2	ND	9.43
3/31/2015	MW-1s	ND	ND	ND	ND	ND	ND	10.92
11/30/2004	MW-2s	ND	ND	ND	ND	ND	ND	13.31
2/9/2005	MW-2s	ND	ND	ND	ND	ND	ND	8.95
11/29/2007	MW-2s	ND	ND	ND	ND	ND	ND	11.86
3/1/2010	MW-2s	ND	ND	ND	ND	ND	ND	7.81
10/18/2011	MW-2s	ND	ND	ND	ND	ND	ND	11.21
3/27/2012	MW-2s	ND	ND	ND	ND	ND	ND	7.91
3/12/2014	MW-2s	ND	ND	ND	ND	1.0	ND	8.71
3/31/2015	MW-2s	ND	ND	ND	ND	ND	ND	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	8.59
11/29/2007	MW-3s	23000	610	ND	1500	1400	ND	11.71
3/1/2010	MW-3s	16000	550	62	970	790	ND	7.73
10/18/2011	MW-3s	5700	180	ND	370	200	ND	11.17
3/28/2012	MW-3s	7100	260	ND	530	290	ND	7.91
10/5/2012	MW-3s	9200	340	7.3	870	590	ND	12.33
3/12/2014	MW-3s	6600	400	ND	380	110	ND	8.74
6/12/2014	MW-3s	750	11	2.6	4.8	34	ND	10.62
9/16/2014	MW-3s	230	3.9	ND	9.6	27	ND	13.35
3/31/2015	MW-3s	6300	220	16	280	333	ND	10.71
11/30/2004	MW-4	ND	ND	ND	ND	ND	ND	12.16
2/9/2005	MW-4	ND	ND	ND	ND	ND	ND	7.42
11/29/2007	MW-4	ND	ND	ND	ND	ND	ND	10.76
3/1/2010	MW-4	ND	ND	ND	ND	ND	ND	6.59
10/18/2011	MW-4	ND	ND	ND	ND	ND	ND	10.22
3/27/2012	MW-4	ND	ND	ND	ND	ND	ND	6.81
3/12/2014	MW-4	ND	ND	ND	ND	ND	ND	7.78
3/31/2015	MW-4	ND	ND	ND	ND	ND	ND	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	8.46
11/29/2007	MW-3d	850	14	1.8	ND	1.5	ND	11.62
3/1/2010	MW-3d	240	2.1	8.3	ND	ND	ND	7.52
10/18/2011	MW-3d	480	4.7	ND	ND	ND	8.7	11.00
3/28/2012	MW-3d	ND	ND	ND	ND	ND	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	ND	4.0	1.9	11	8.63
6/12/2014	MW-3d	75	ND	ND	ND	ND	7.0	10.93
9/16/2014	MW-3d	ND	ND	ND	ND	ND	5.3	13.72
4/1/2015	MW-3d	200	ND*	ND	ND	ND	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	10.26
3/12/2014	B-15	1100	110	12	57	18.8	ND	6.81
6/12/2014	B-15	110	2.8	ND	ND	ND	ND	7.92
9/16/2014	B-15	ND	ND	ND	ND	ND	ND	11.51
4/1/2015	B-15	4300	540	32	11	26.4	ND	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	15	11	ND	9.84
3/28/2012	B-16	ND	1.2	ND	0.9	ND	ND	6.61
10/4/2012	B-16	220	14	3.0	1.5	2.8	ND	10.85
3/12/2014	B-16	160	2.4	ND	ND	ND	ND	7.44
6/12/2014	B-16	790	26	1.0	0.89	ND	ND	9.04
9/16/2014	B-16	ND	ND	ND	ND	ND	ND	12.02
4/1/2015	B-16	1800	130	6.6	3.0	3.6	ND	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	39	23	ND	10.21
3/28/2012	B-17	6300	140	ND	11	21	ND	6.94
10/4/2012	B-17	3100	180	4.0	11	10	ND	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	0.6	1.7	16	9.23
9/16/2014	B-17	420	ND	ND	ND	ND	ND	12.37
4/1/2015	B-17	3200	66	5.6	3.5	7.4	ND	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	9.15
3/28/2012	B-27	5000	250	ND	130	54	ND	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	8.57
9/16/2014	B-27	4300	120	ND	130	360	ND	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	9.9
5/20/1998	HB-2	ND	1.1	ND	ND	ND	ND	11.1
5/20/1998	HB-3	ND	ND	ND	ND	ND	ND	11.3
5/20/1998	HB-4	ND	ND	ND	ND	ND	ND	11.6
4/10/2001	EB-1	ND	ND	ND	ND	ND	ND	14.5
4/10/2001	EB-2	67.7	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	NM
2/29/2016	DW-325	ND	ND	ND	ND	ND	ND	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 from for Site Soil Samples

Date	Sample ID	Source	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
11/29/1988	MW-1d15	Herzog	NA	ND	ND	ND	ND	NA
4/27/1990	MW-2d21	Hilmer	ND	ND	ND	ND	ND	NA
4/27/1990	MW-2d31	Hilmer	ND	ND	ND	ND	ND	NA
10/18/1991	EX-1d23	Sierra	15	0.07	0.23	0.084	0.36	NA
10/18/1991	EX-2d12	Sierra	ND<1.0	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025
10/18/1991	EX-3d12	Sierra	ND<1.0	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025
10/18/1991	EX-4d12	Sierra	ND<1.0	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025
10/18/1991	EX-5d12	Sierra	ND<1.0	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025
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						

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

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

Reported units are in parts per million (or ppm, mg/kg).

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

APPENDIX C

Historic Concentration Trend Charts

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

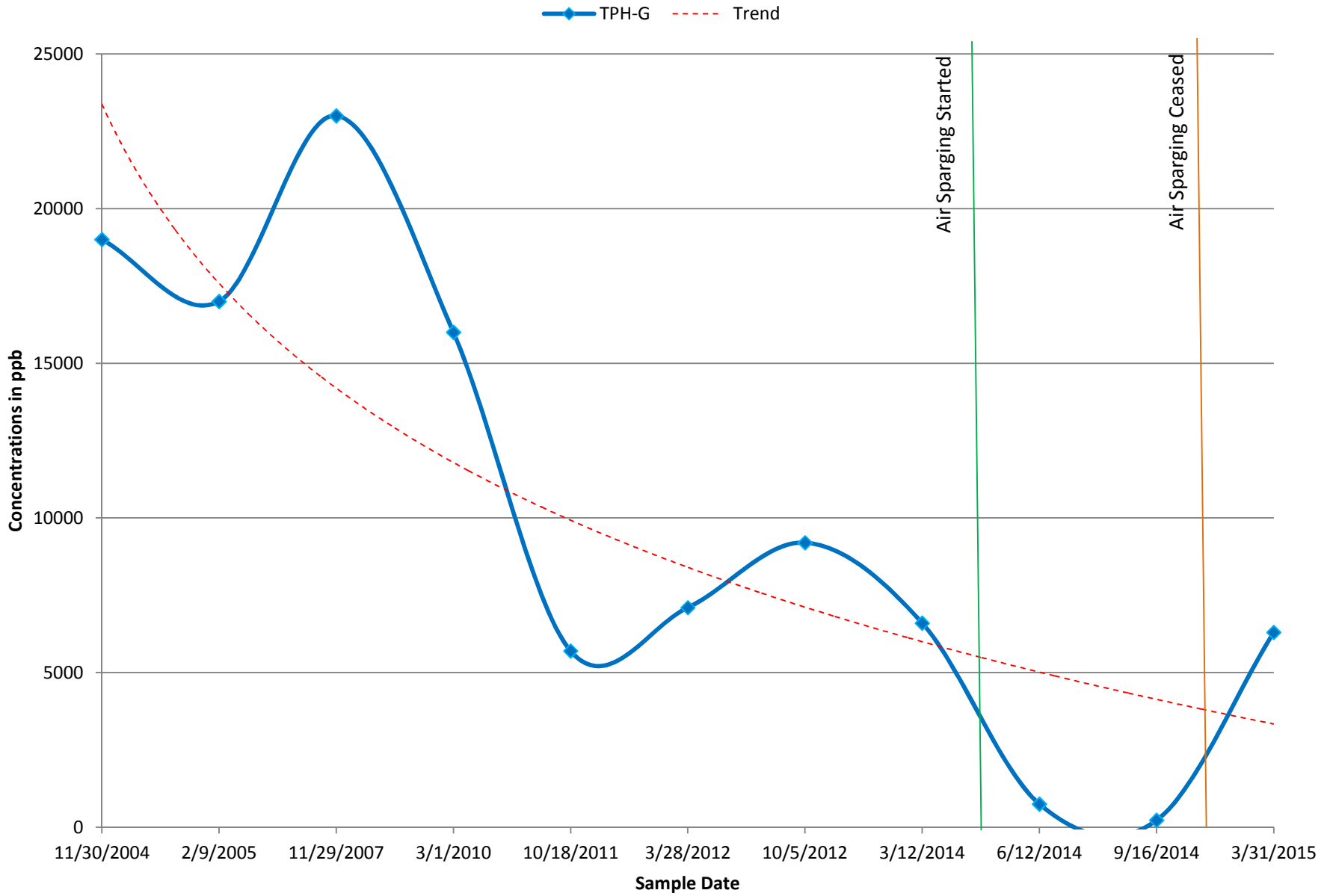


Chart 2: Historic Concentration Trend for Benzene in MW-3s

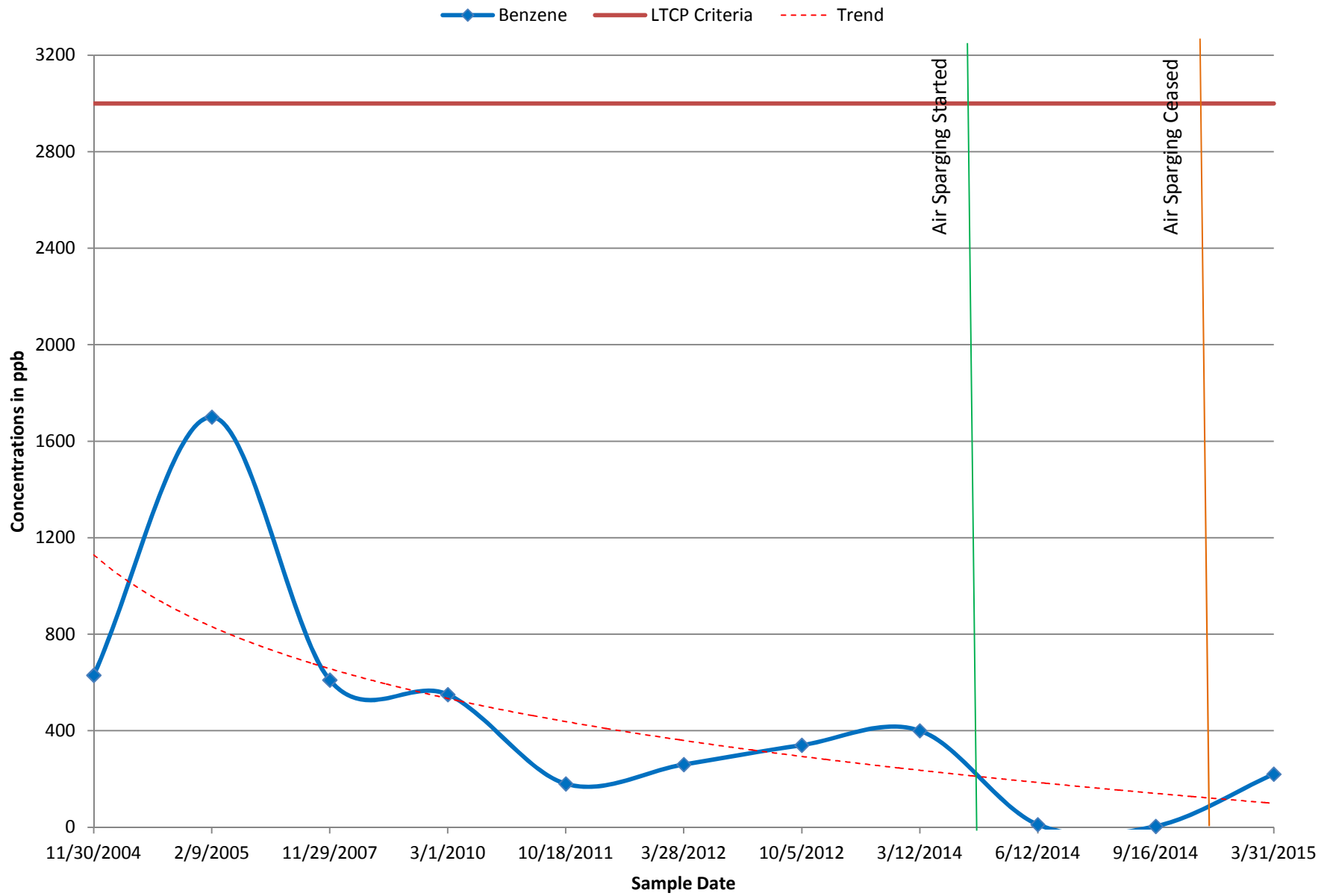


Chart 3: Historic Concentration Trend for TPH-G in MW-3d

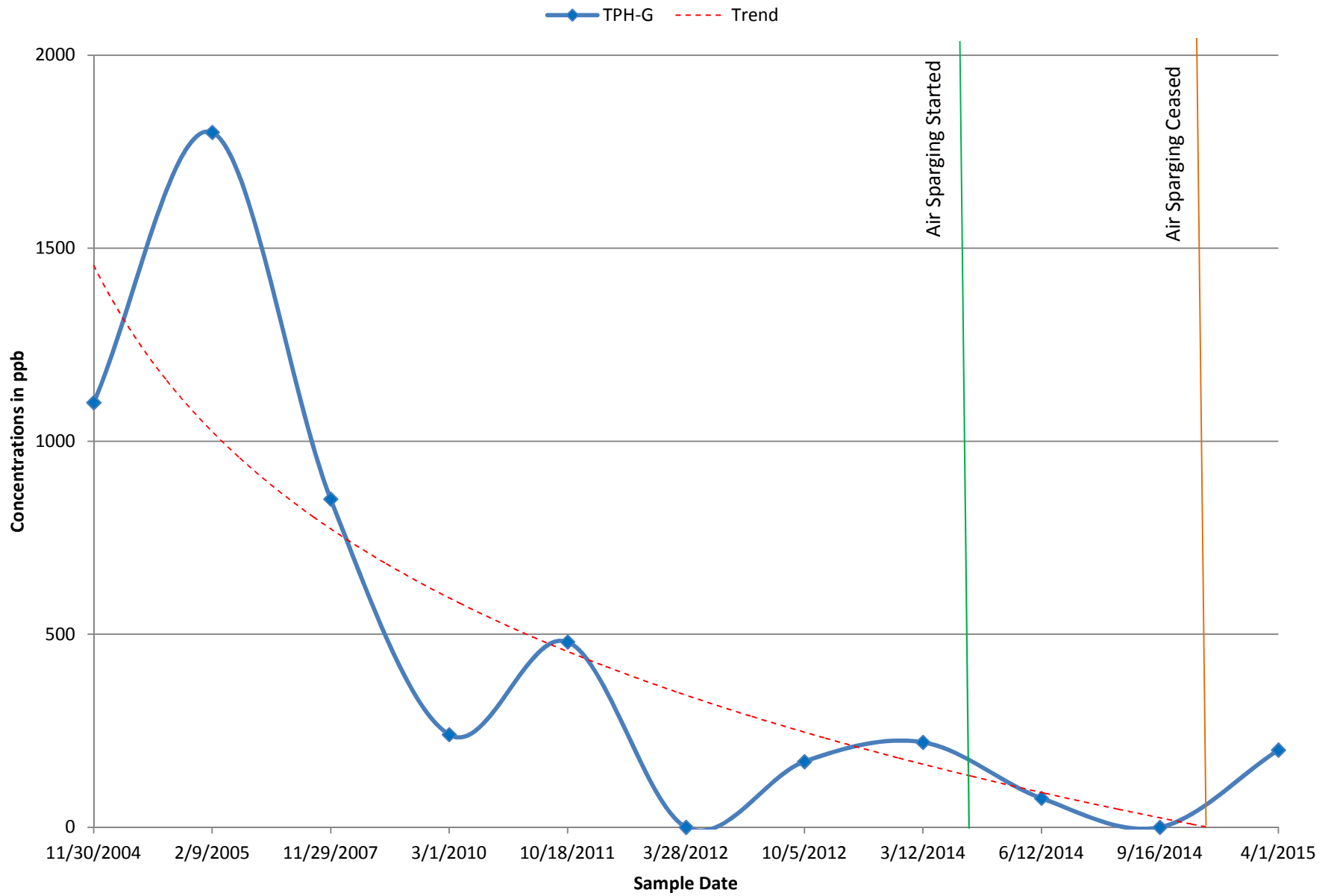


Chart 4: Historic Concentration Trend for Benzene in MW-3d

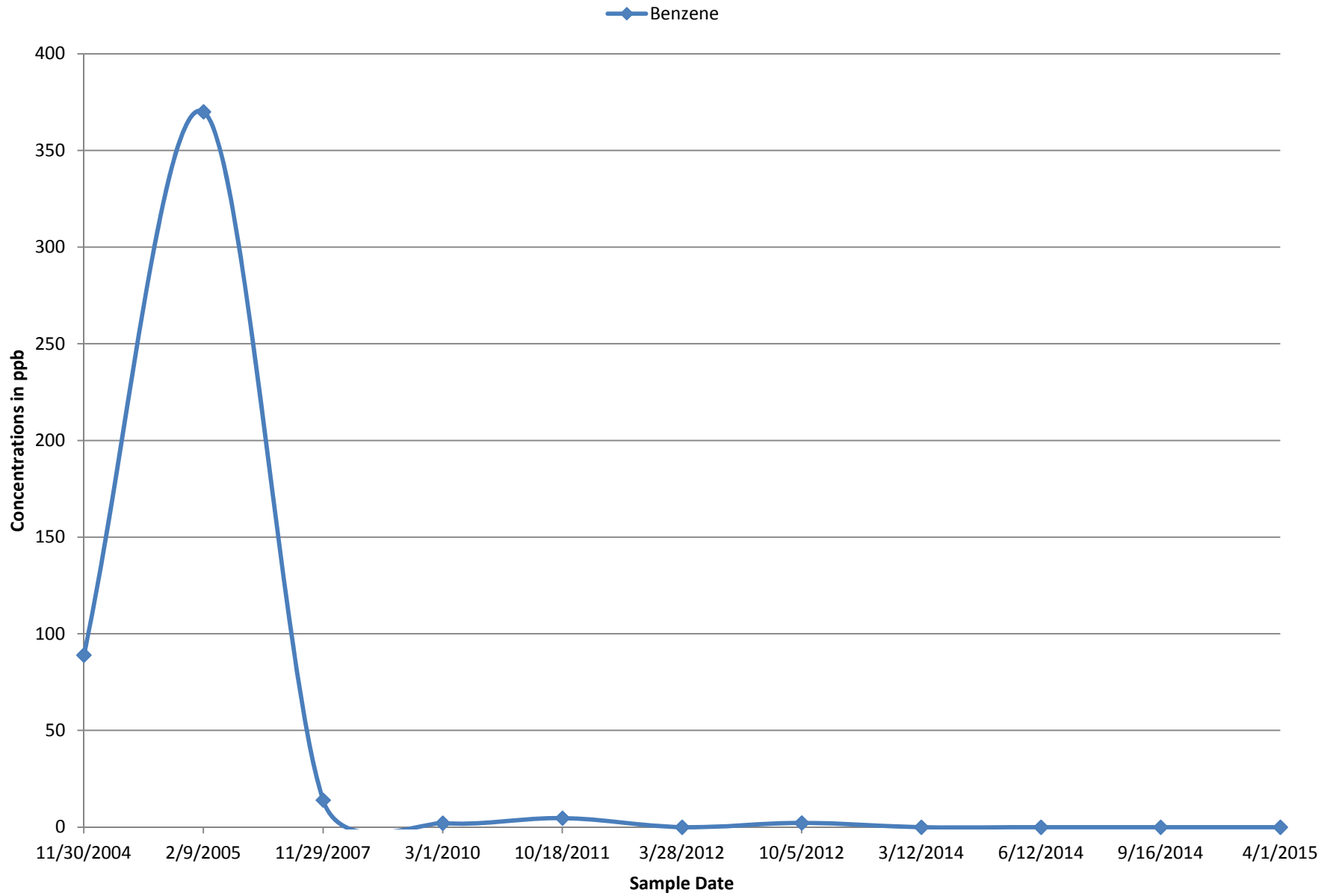


Chart 5: Historic Concentration Trend for TPH-G in B-15

The highest (initial) concentration of 45,000 ppb detected in June 1990 was removed for improved data representation.

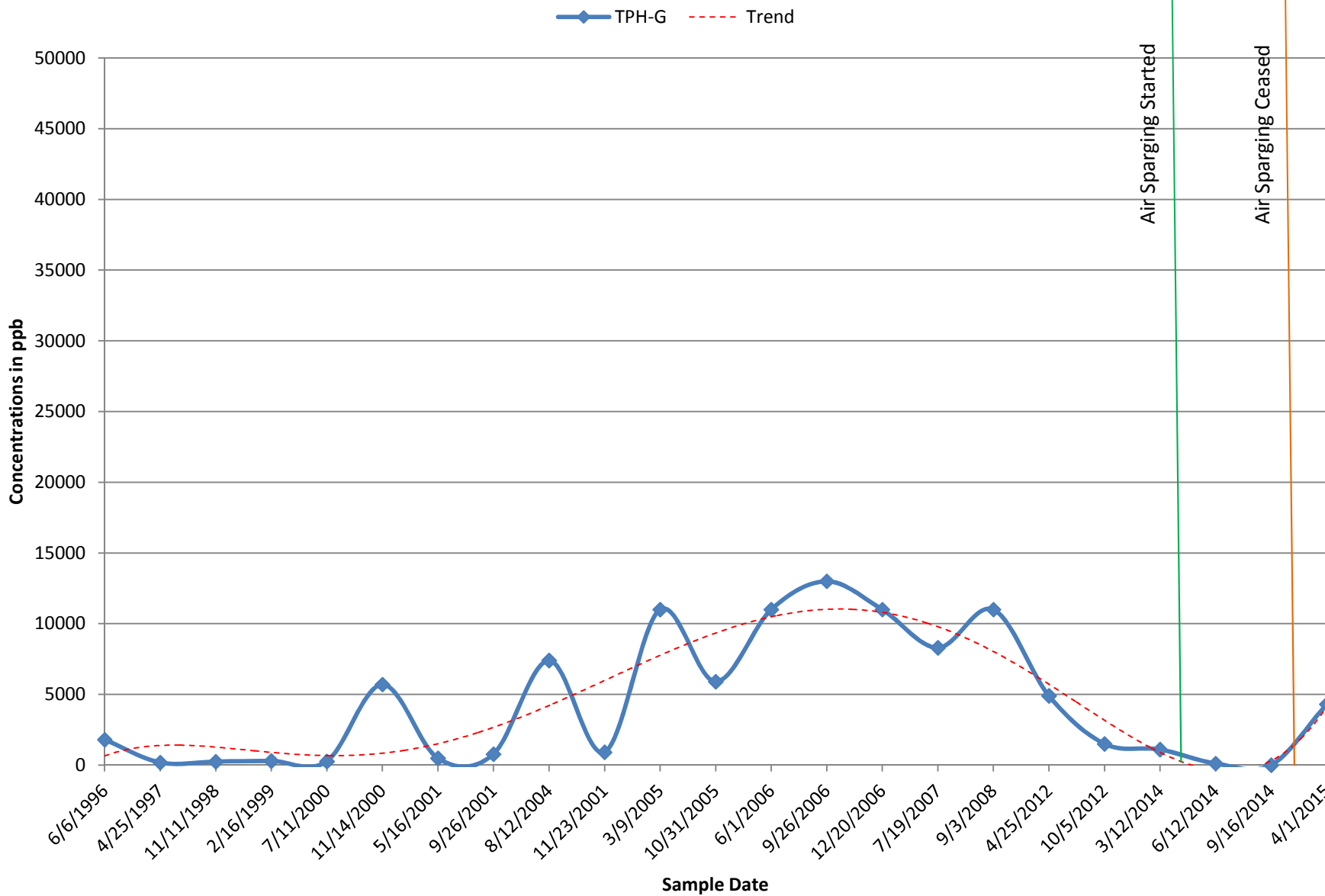


Chart 6: Historic Concentration Trend for Benzene in B-15

The highest (initial) concentration of 12,000 ppb detected in June 1990 was removed for improved data representation.

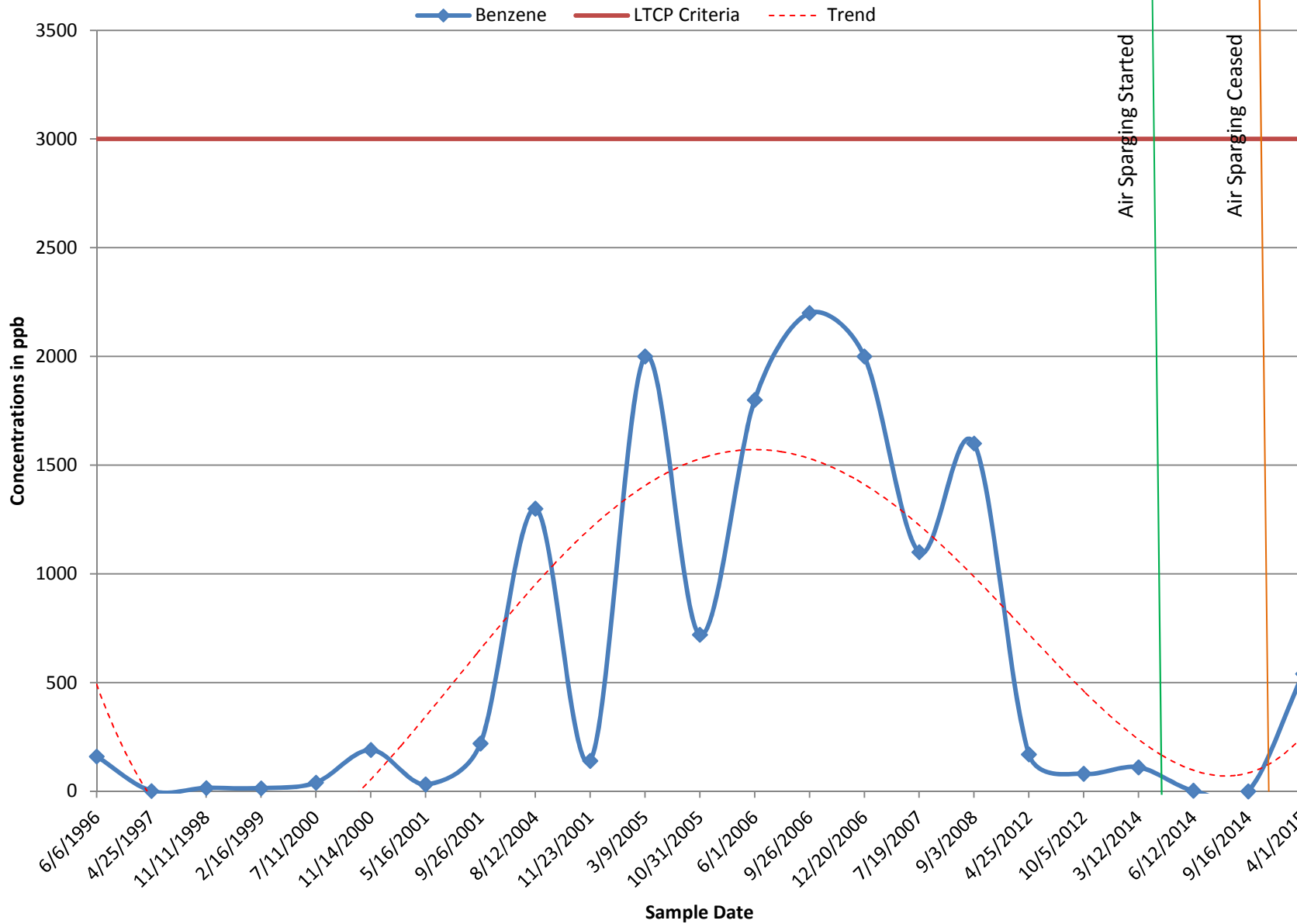


Chart 7: Historic Concentration Trend for TPH-G in B-16

The highest (initial) concentration of 43,000 ppb detected in December 1989 was removed for improved data representation.

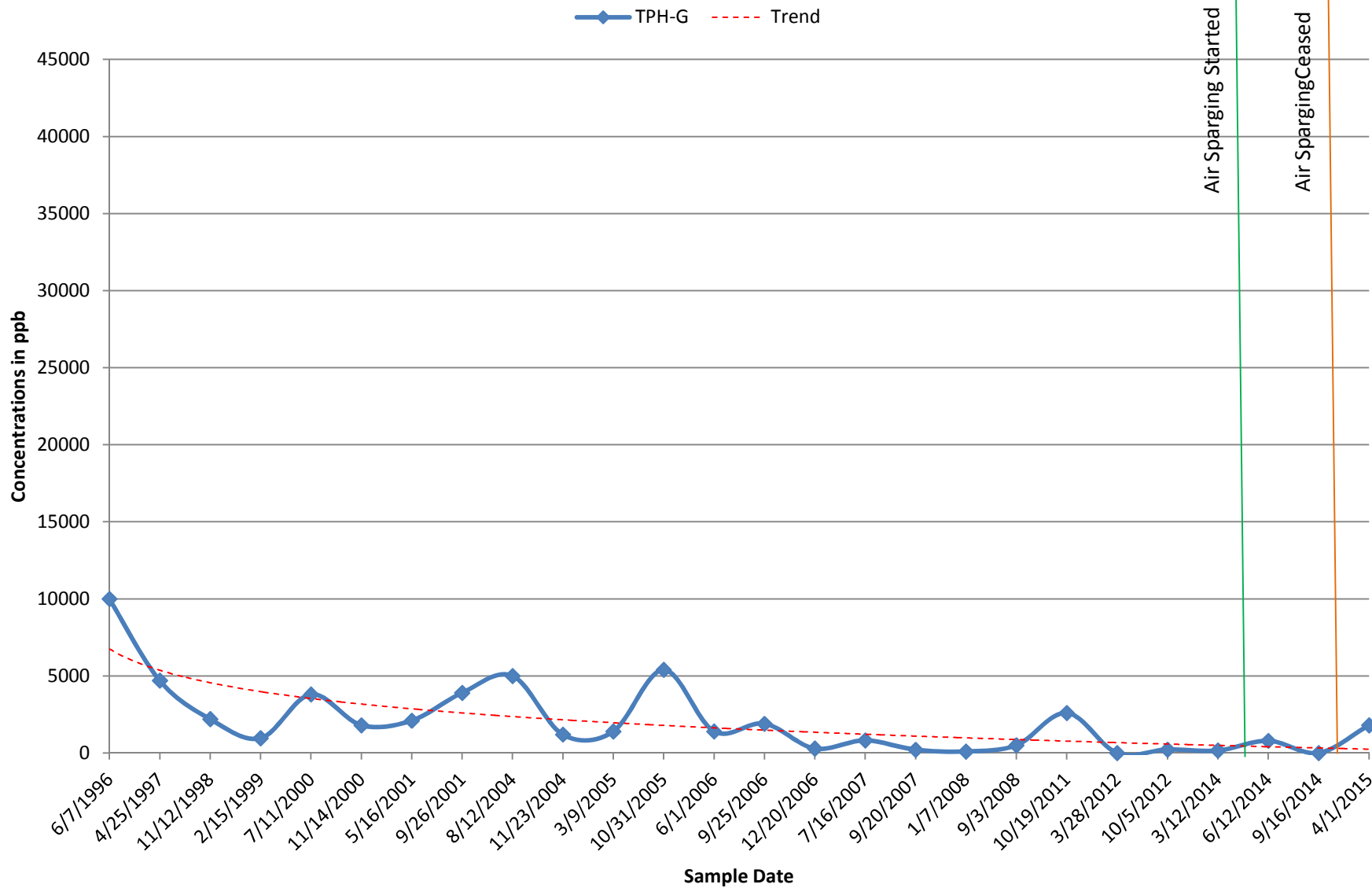


Chart 8: Historic Concentration Trend for Benzene in B-16

The highest (initial) concentration of 10,000 ppb detected in December 1989 was removed for improved data representation.

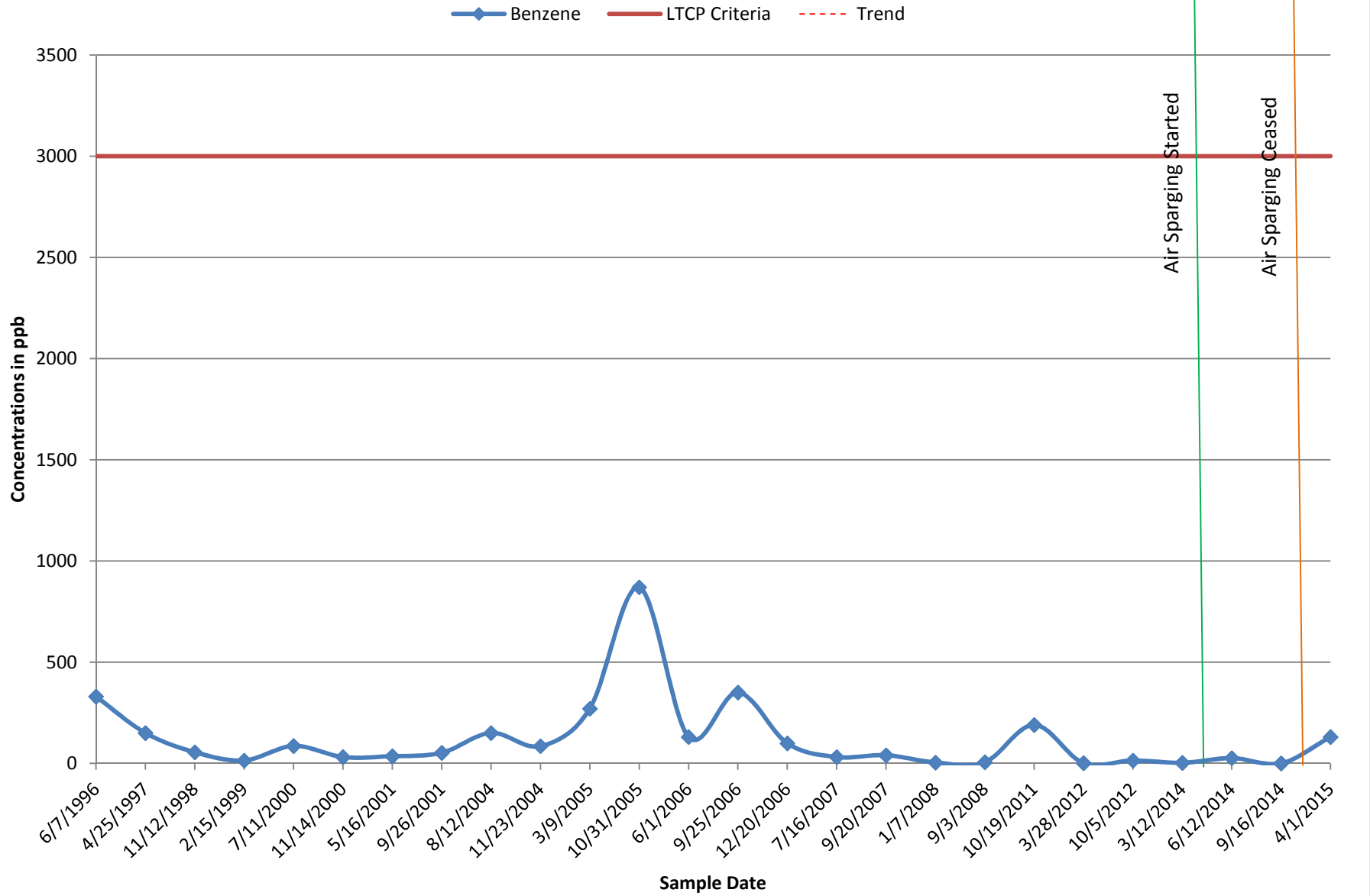


Chart 9: Historic Concentration Trend for TPH-G in B-17

The highest (initial) concentration of 49,000 ppb detected in November 1998 was removed for improved data representation.

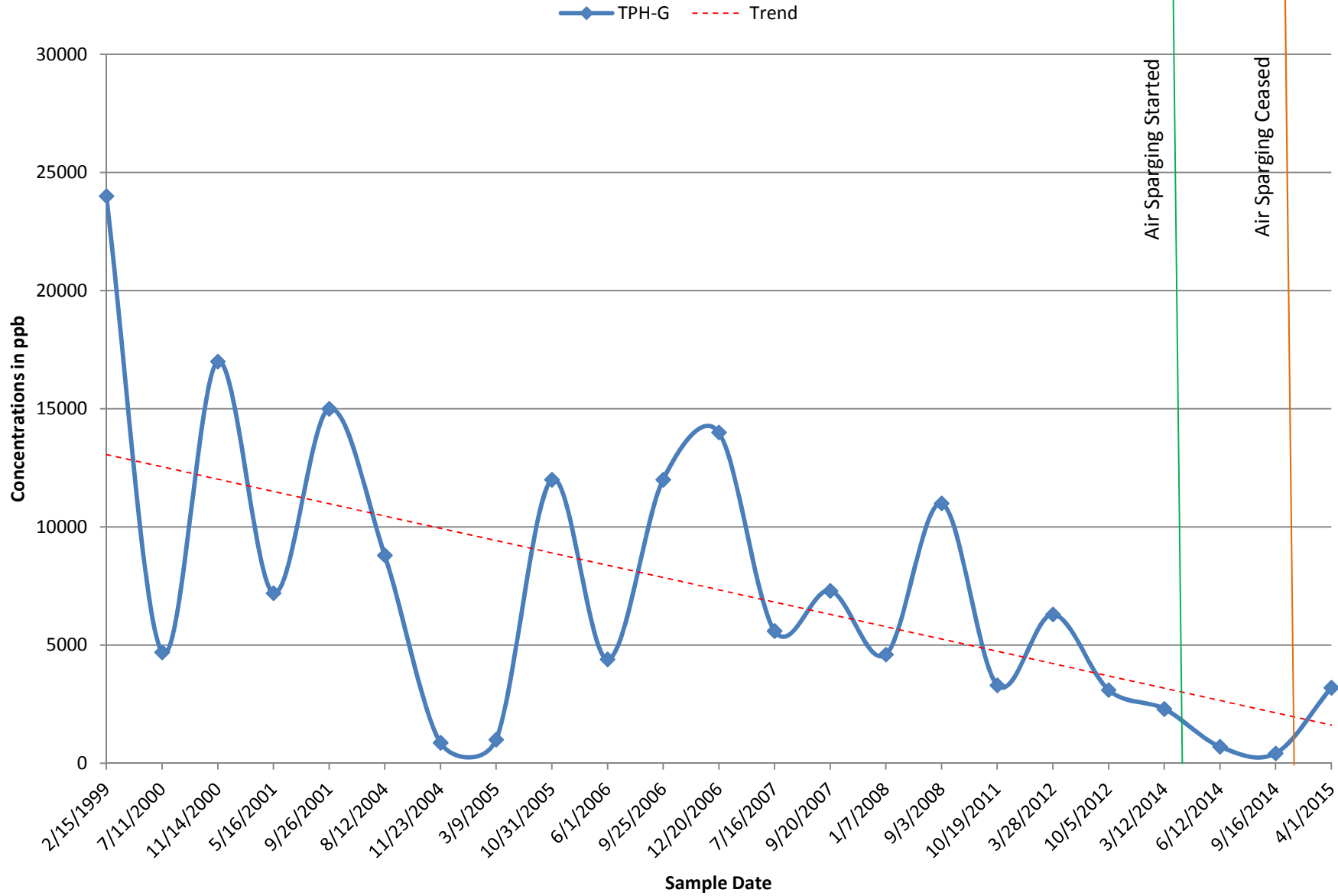


Chart 10: Historic Concentration Trend for Benzene in B-17

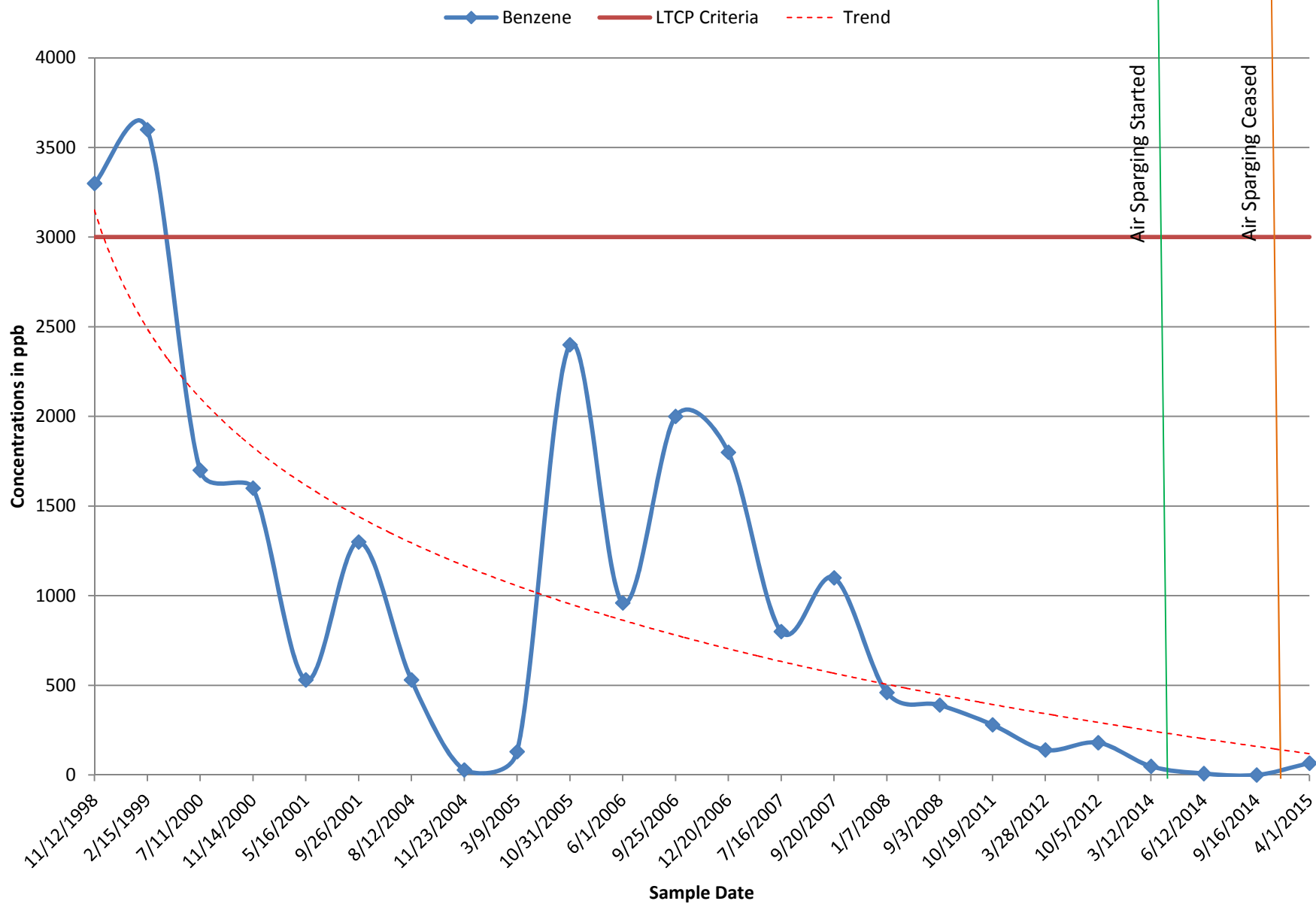


Chart 11: Historic Concentration Trend for TPH-G in B-27

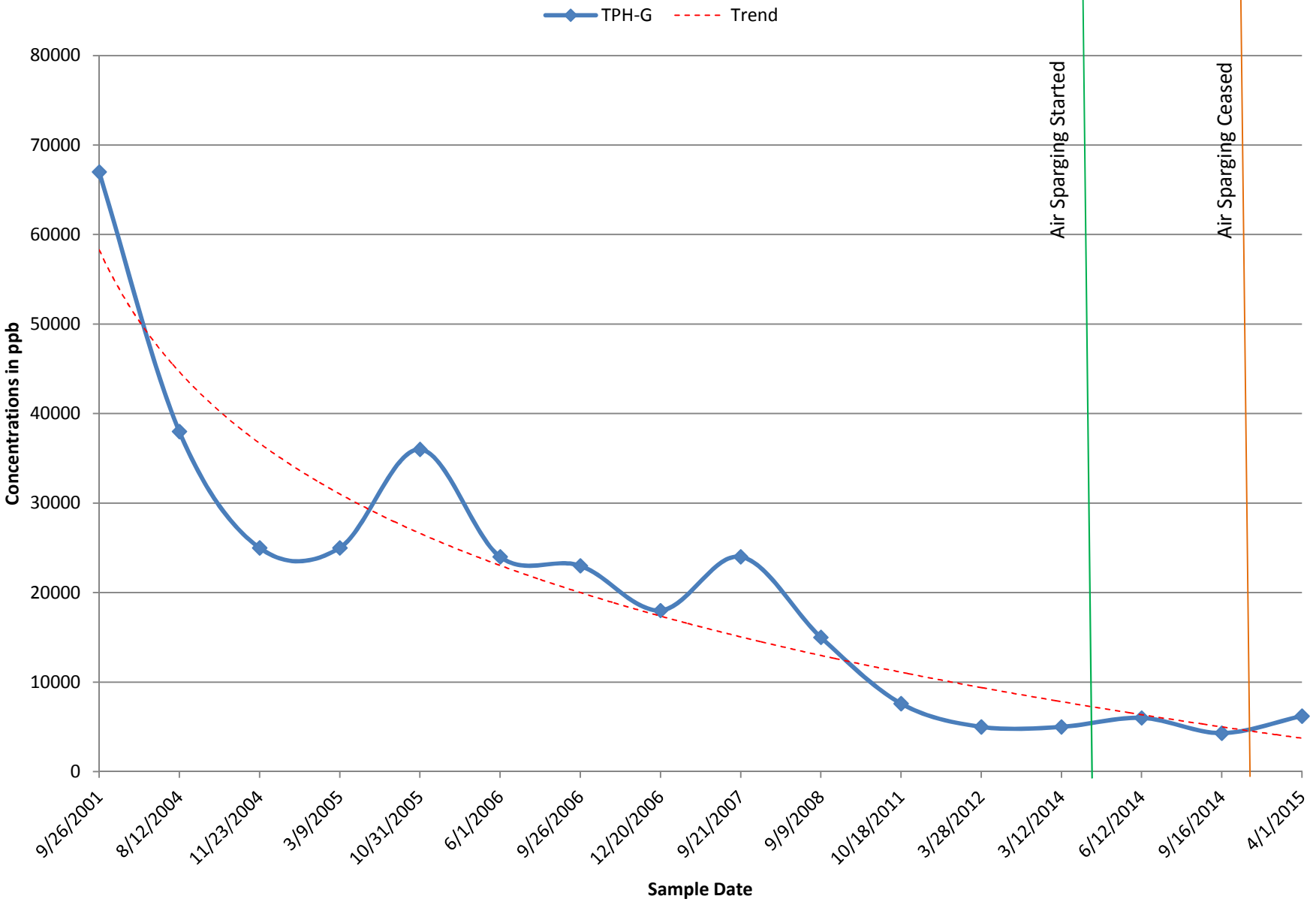
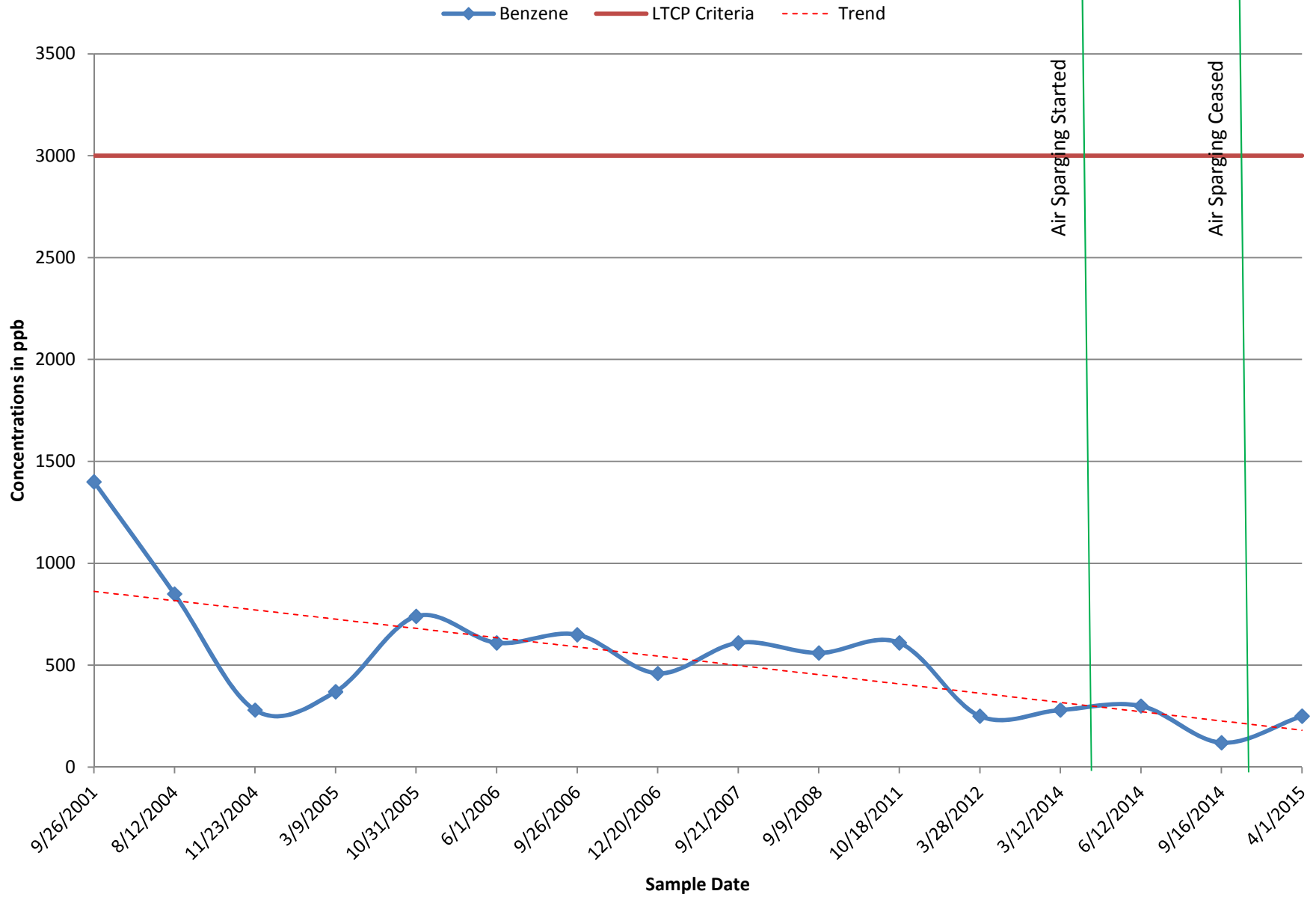


Chart 12: Historic Concentration Trend for Benzene in B-27



APPENDIX D

Boring Logs

LABORATORY TESTS	FIELD TESTS	SAMPLER TYPE	SAMPLE RECOVERY %	MOISTURE CONTENT %	DRY DENSITY (PCF)	BLOWS PER FOOT	DEPTH (FT)	SYMBOL
	15	MC	70%			22	5	
	6	MC	90%			24	10	
	5	MC	100%			13	15	
XX	7	MC	100%			27	20	
	6	MC	100%			12	25	
XX	11	MC	100%			20	30	
	10	MC	80%			47	35	
							40	
							45	

MATERIAL DESCRIPTION

4 / 27 / 1980

8 - INCH HOLLOW AUGER

EXISTING GROUND SURFACE

GREY BROWN SILTY GRAVEL (GM), compact, dry (FILL)

DARK BROWN SANDY AND CLAYEY SILT (ML), semcompact, moist, in part FILL

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

local lenses of CLAYEY VERY FINE TO MEDIUM SAND (SC), semcompact, very moist/wet

BROWN SLIGHTLY CLAYEY SAND (SC/SW), compact, wet to saturated interlayered with BROWN SANDY GRAVEL (GW), dense, saturated

BOREHOLE CONTINUED

HILMER
CONSULTING

ENVIRONMENTAL / GEOTECHNICAL
SANTA ROSA, CALIFORNIA

JOB NO
P133.1
BY
EAH
LICENSE
CEG# 12184

LOG OF BOREHOLE # MW-2

HILLSMAN 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			
							85			

HILMER
CONSULTING
 ENVIRONMENTAL / GEOTECHNICAL
 SANTA ROSA, CALIFORNIA

JOB NO
 P133.1
 BY
 EAH
 LICENSE
 CEG# 12184

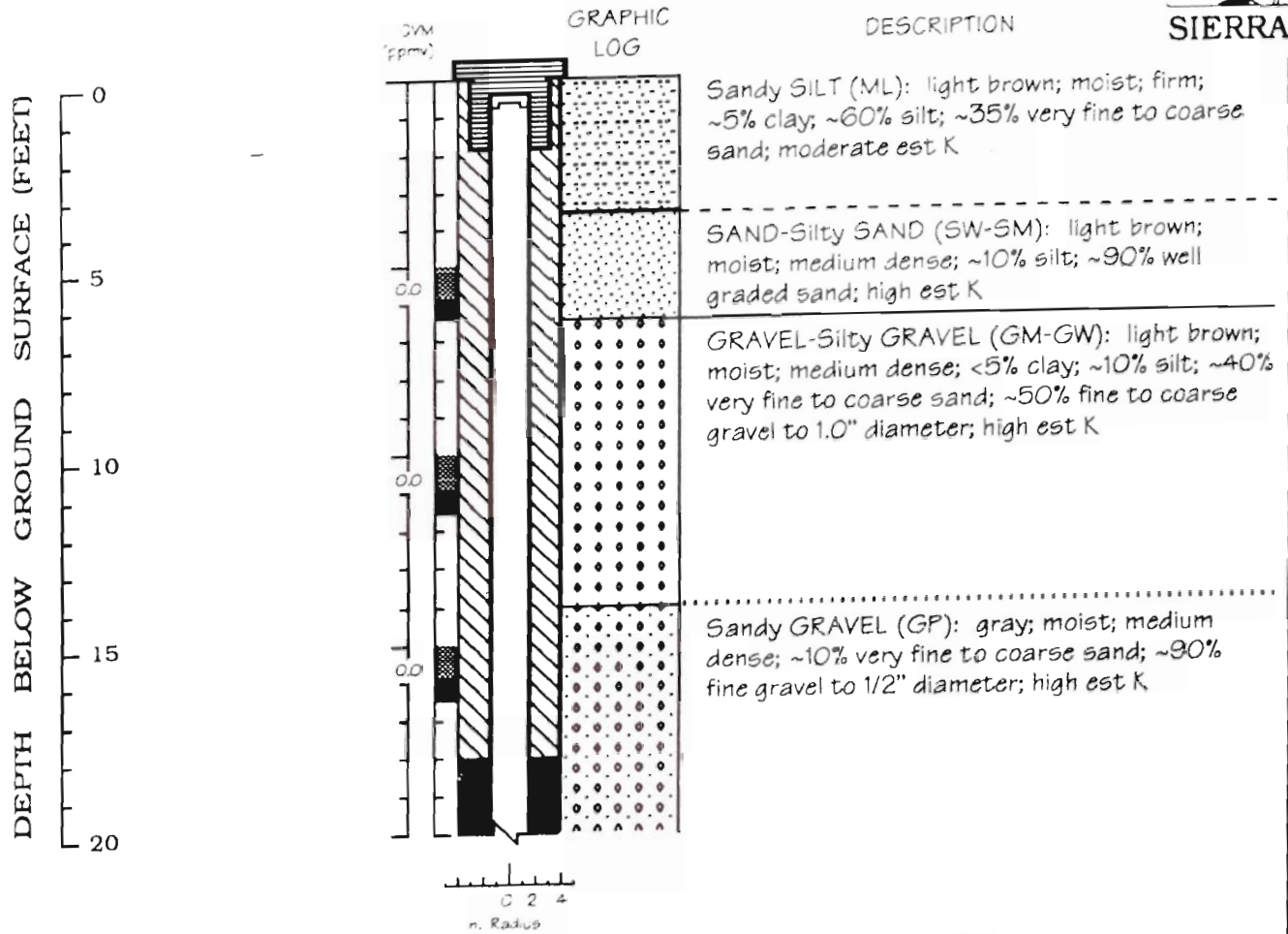
LOG OF BOREHOLE # MW - 2
 HULSMAN TRUCKING
 325 YOLANDA AVENUE
 SANTA ROSA, CALIFORNIA

PLATE
3B

WELL MW-3



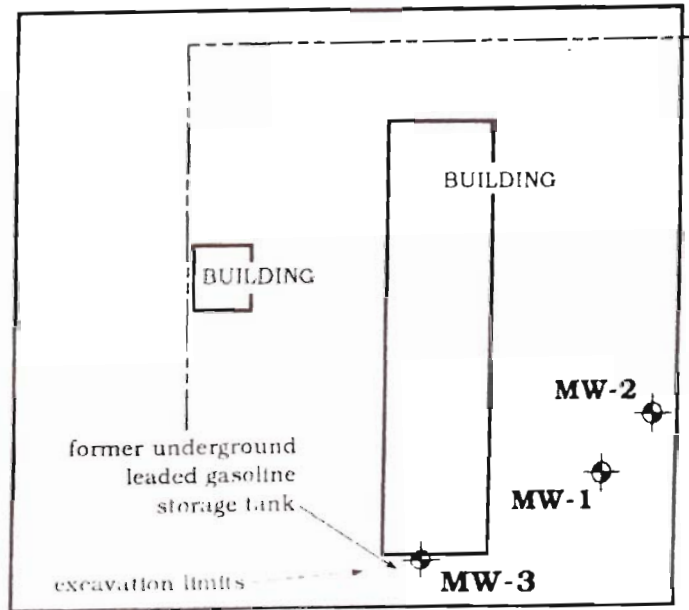
SIERRA



Well Construction and Boring Log - Well MW-3

Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

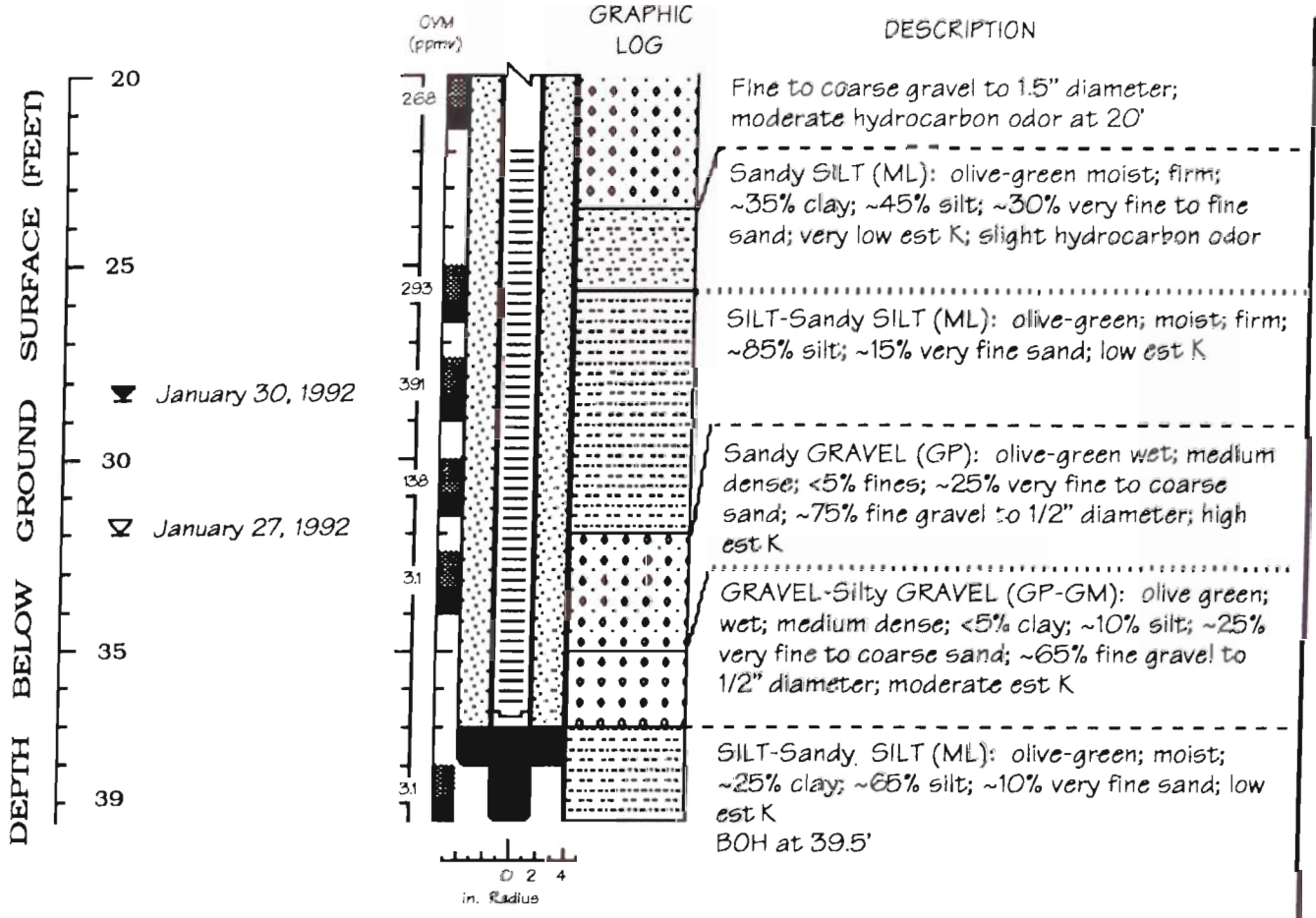
Logged by: Eric Gross
Supervisor: R. Greenfelder RG#003011
Drilling Company: Clear Heart Drilling
C-57#: 467904
Driller: Tim Teller
Drilling Method: Hollow stem auger
Date Drilled: January 27, 1992
Well Head Completion: Locking cap & traffic-rated vault
Type of sampler: Split spoon (2" ID)



WELL MW-3 (continued)



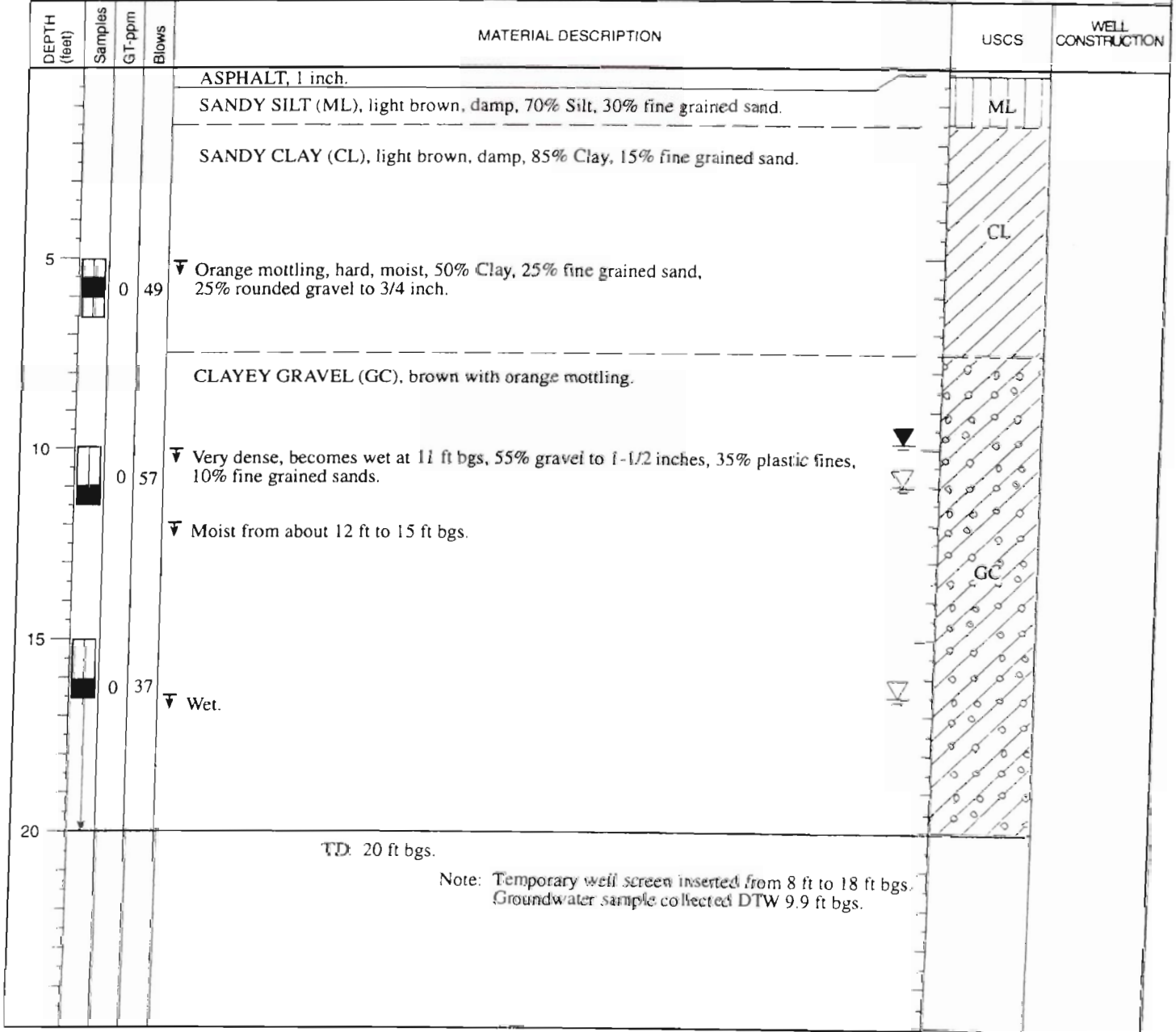
SIERRA



**Well Construction and Boring Log -
Well MW-3**

Hulsman Transportation
325 Yolanda Avenue
Santa Rosa, California

BORING LOCATION		325 Yolanda Ave (West of former UST)		ELEVATION AND DATUM		BORING NO		HB-1	
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 11' bgs	
								BEFORE SAMPLE	
								9.9' 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			
		NO. 2 — NA		FROM — NA TO — NA					
Soil samples field-screened with Gastechtor Combustion Meter (GT). Results reported in parts per million (ppm).									



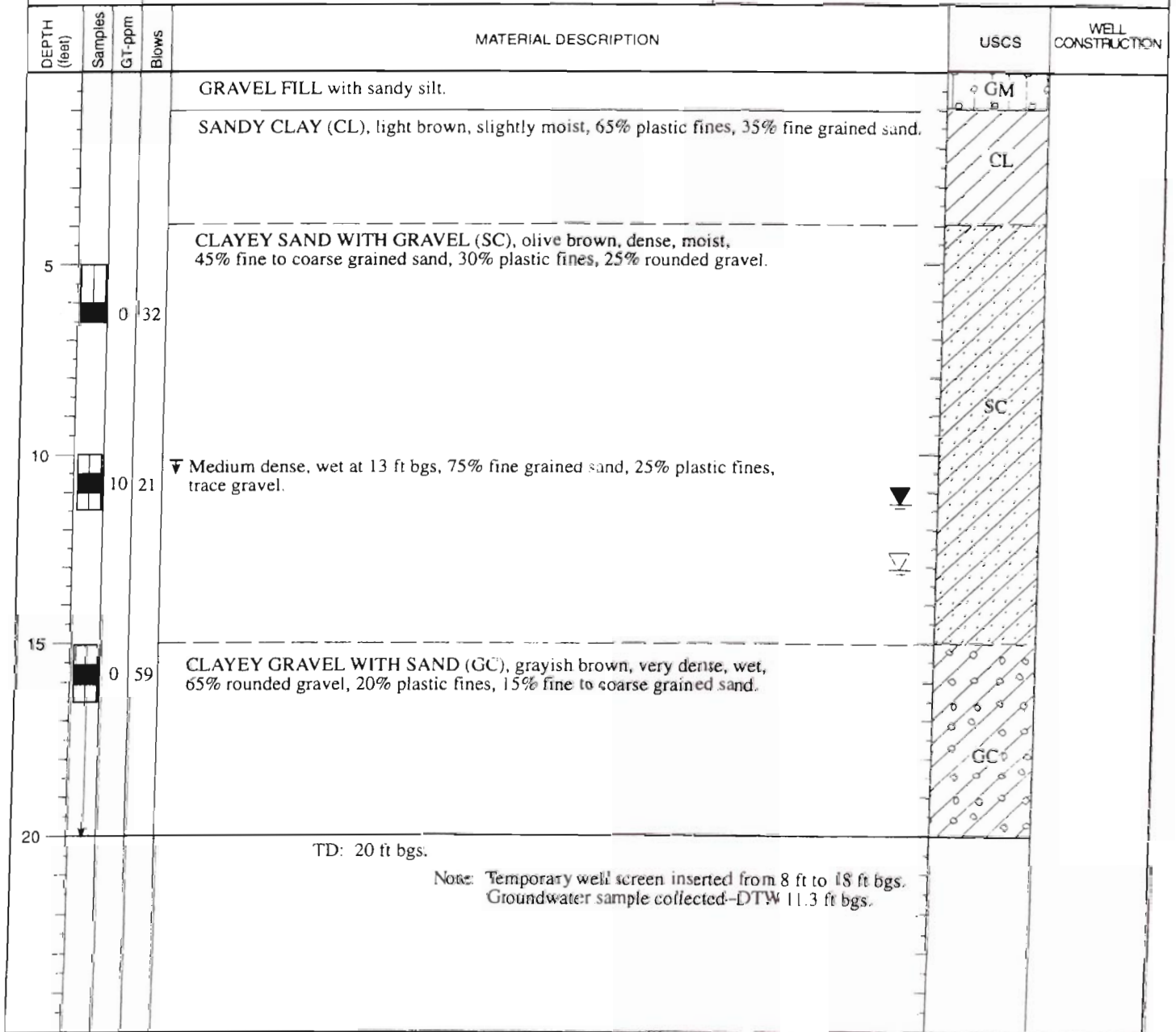
EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

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	
						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	
		NO. 2 — NA		FROM — NA		TO — NA			
								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-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		DATE/TIME STARTED		DATE/TIME FINISHED	
		GRILLER		10 Apr 01		10 Apr 01	
DRILLING EQUIPMENT		DR 10K Truck-mounted Drill Rig		COMPLETION DEPTH		SAMPLING DEVICE	
				19.0 ft		Split Spoon	
DRILLING METHOD		Solid Flight Auger		BORING DIA.		CORE BARREL	
		4 inches		2.5 inch ϕ		LENGTH	
SIZE AND TYPE OF CASING		FROM		TO		TYPE AND NO. OF SAMPLES	
						1 Composite Soil 1 Groundwater	
TYPE OF PERFORATION		FROM		TO		LOGGED BY	
						ASR	
SIZE AND TYPE OF PACK		FROM		TO		WATER FIRST LEVEL	
						17.0 ft bgs	
TYPE OF SEAL		NO. 1		FROM		TO	
		NO. 2		FROM		TO	
						COMMENTS	

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 28			
				Water Sample Collected (6 VOA's). TD: 19.0 ft bgs		
20						

TRACE #318/RC/09NOV01	ECON Environment, Community & Opportunity Network		SOIL BORING LOG EB-2 Helsman Transportation 325 Yolanda Avenue Santa Rosa, California			FIGURE 5
	REFERENCE: Helsman 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		
2				2.0 inches: Asphalt	CONCRETE
4		CL		2.0 inches to 2.5 feet: Brown <u>silty sand</u> , moderate <u>clay</u> , damp.	
6		SM		2.5 to 5.5 feet: Tan, <u>silty sand</u> , moist, 10% clay, crumbly to slightly plastic.	2" Ø PVC PIPE BENTONITE
8		CL		5.5 to 10.5 feet: Brown, <u>silty clay</u> , moist.	
10		SP		10.5 to 18.0 feet: Gray-brown, <u>sand and gravel</u> , moist, slightly clayey.	2" PVC W/0.020" SLOTTED SCREEN #3 SAND
12					
14					
16					
18		SP		18.0 to 25.0 feet: Brown-gray, fine-grained, sandy <u>gravel</u> , slight clay, moist.	
20					
22					
24				Gasoline odor at 23.0 feet.	
26				End of boring at 25.0 feet.	
28					

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
 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

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	USCS		
					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					Lense of gray-green sand at 19.0 to 21.0 feet.	
20						
22						
24						
26					End of boring at 25.0 feet.	
28						

CONCRETE
 2" PVC PIPE
 BENTONITE
 #3 SAND
 2" PVC W/0.020" SLOTTED SCREEN

IT Enviroscience
 1815 Arnold Drive • Martinez, CA 94553
 Telephone (415) 228-8400

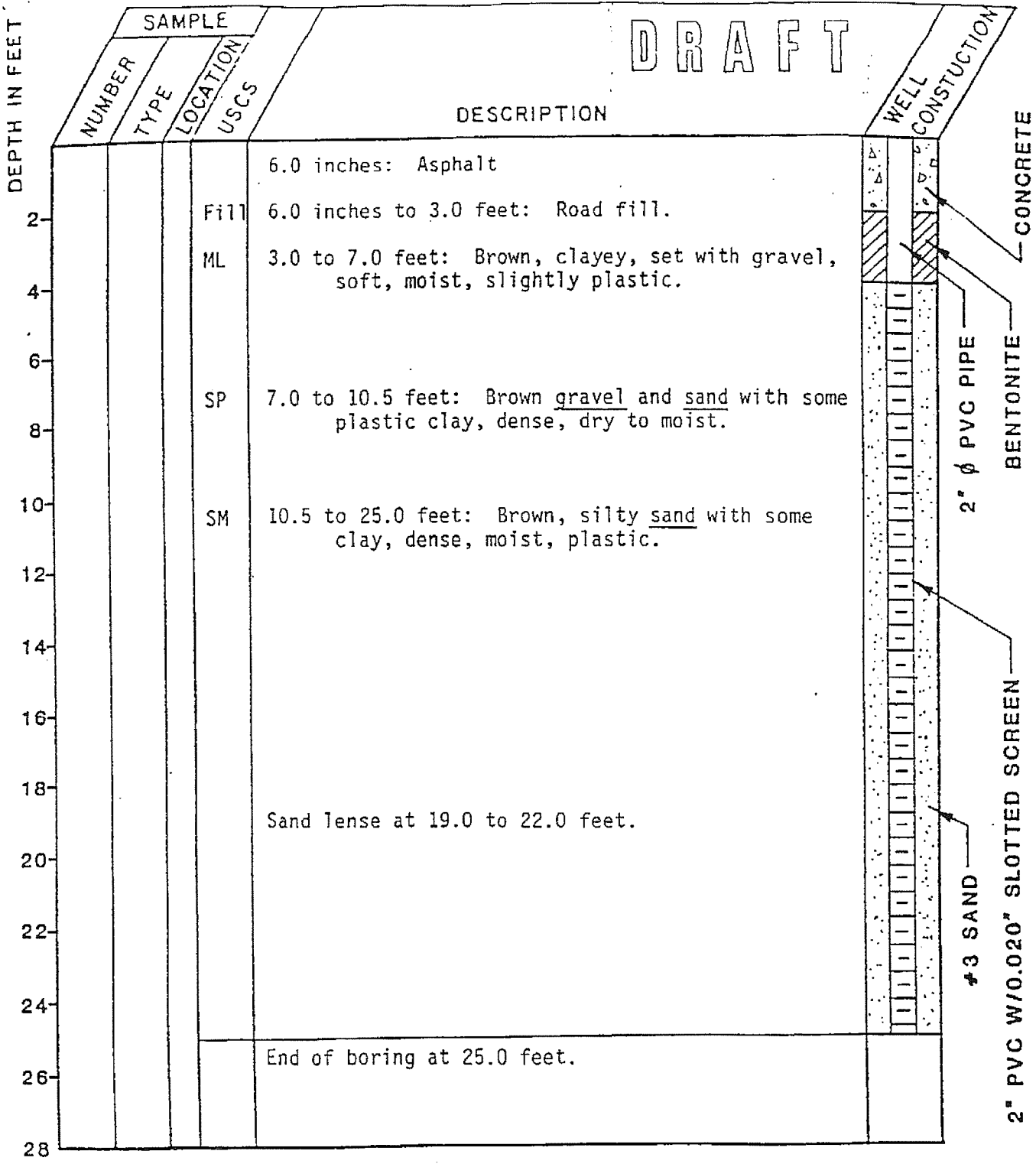
MALM METAL PRODUCTS
 2640 SANTA ROSA AVENUE
 SANTA ROSA, CALIFORNIA

PLATE
5

PREPARED BY : MMH
 CHECKED BY :

LOG OF BORING NO. 17
 PROJECT NO. : 3019

DRAFT



IT Enviroscience
 1815 Arnold Drive • Martinez, CA 94553
 Telephone (415) 228-8400

MALM METAL PRODUCTS
 2640 SANTA ROSA AVENUE
 SANTA ROSA, CALIFORNIA

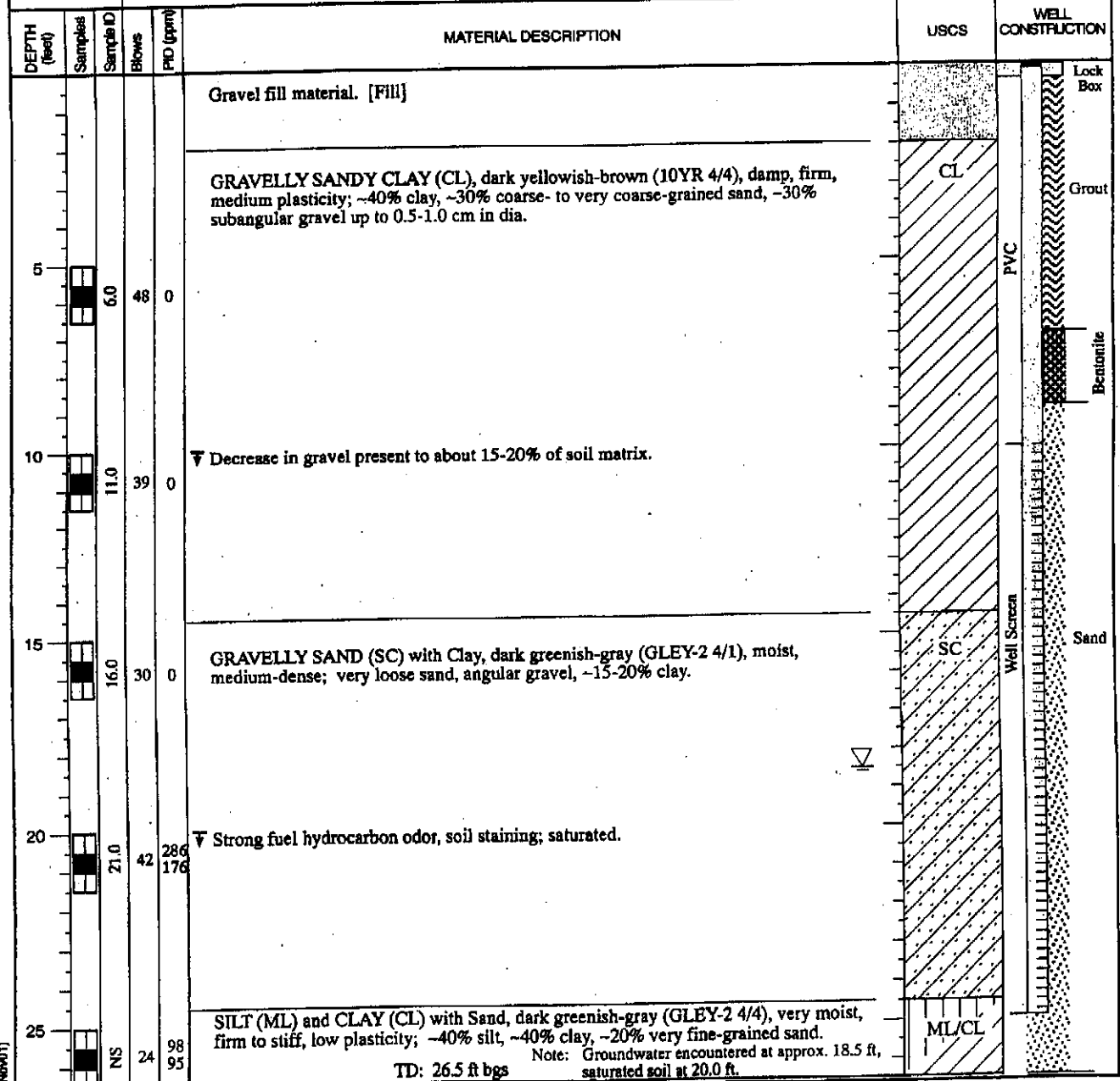
PLATE

7

PREPARED BY : MMH

LOG OF BORING NO. 19
 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							
DRILLING EQUIPMENT		Deerock DR 10K Truck-mounted Rig		DATE FINISHED		28 Aug 01		COMPLETION DEPTH		26.5 ft							
DRILLING METHOD		Hollow Stem Auger		BORING DIA.		8.0 inches		SAMPLER		CA Modified Split Spoon							
SIZE AND TYPE OF CASING		2 inch Schedule 40 PVC		FROM		0.0 TO 25.0		NO. OF SAMPLES		4 Soil							
TYPE OF PERFORATION		0.10 Slotted		WATER LEVEL		FIRST		-18.5 ft		MEASURED / SAMPLED		None					
SIZE AND TYPE OF PACK		#2/12 Sand		FROM		9.0 TO 26.5		CORE BARREL		2.0 inch ϕ		LENGTH		18 inches			
TYPE OF SEAL		NO. 1		Bentonite Pellets		FROM		7.0 TO 9.0		LOGGED BY:		BLW		CHECKED BY:		—	
		NO. 2		Portland Cement Grout		FROM		0.0 TO 7.0		COMMENTS		Soil samples field screened with Photo-Ionization Detector (PID), results in parts per million (ppm). Blows by 40 lb hammer, 40 inch drop.					



TRACE #261/RGZ77Nov01

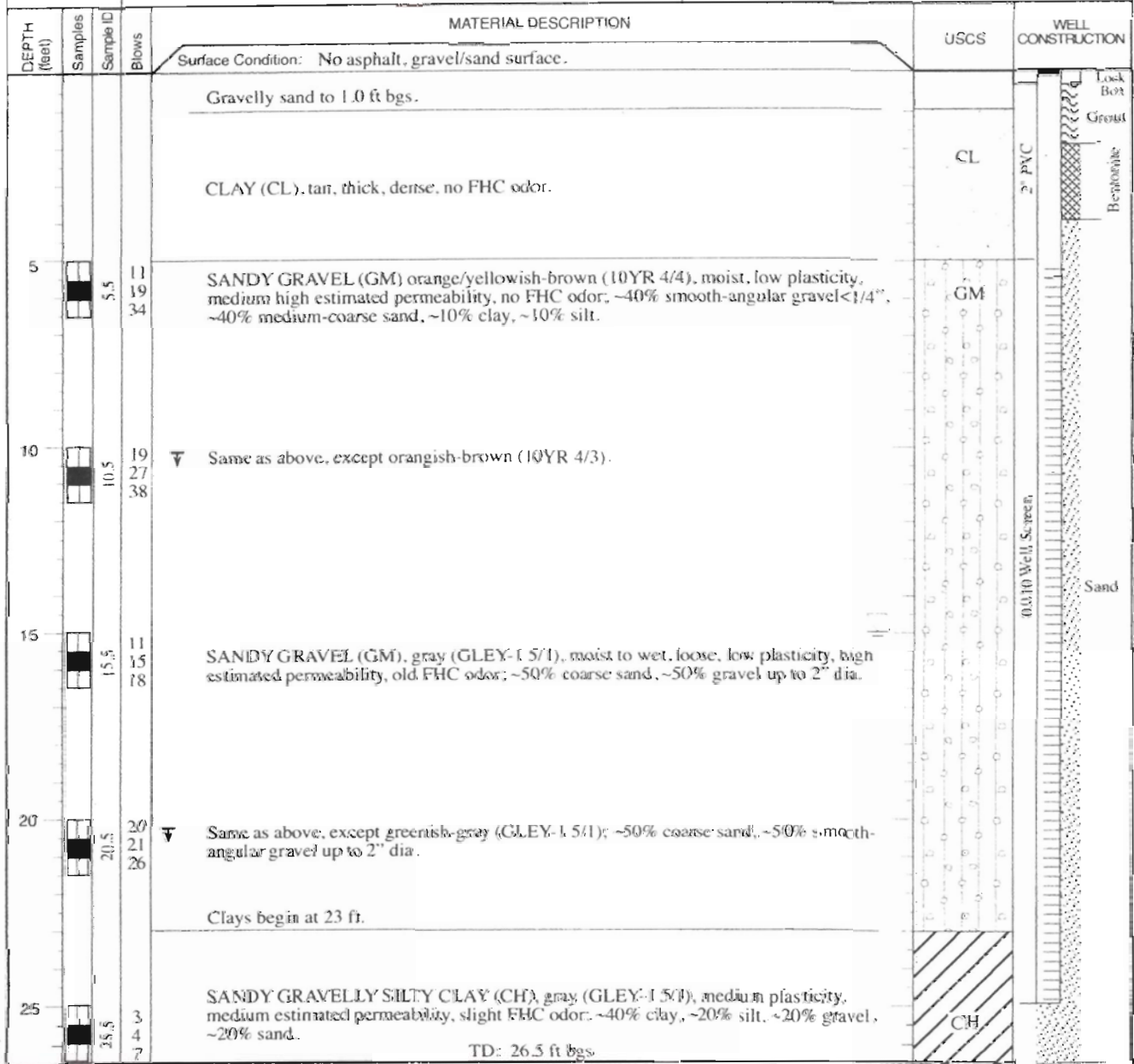
EDD CLARK & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

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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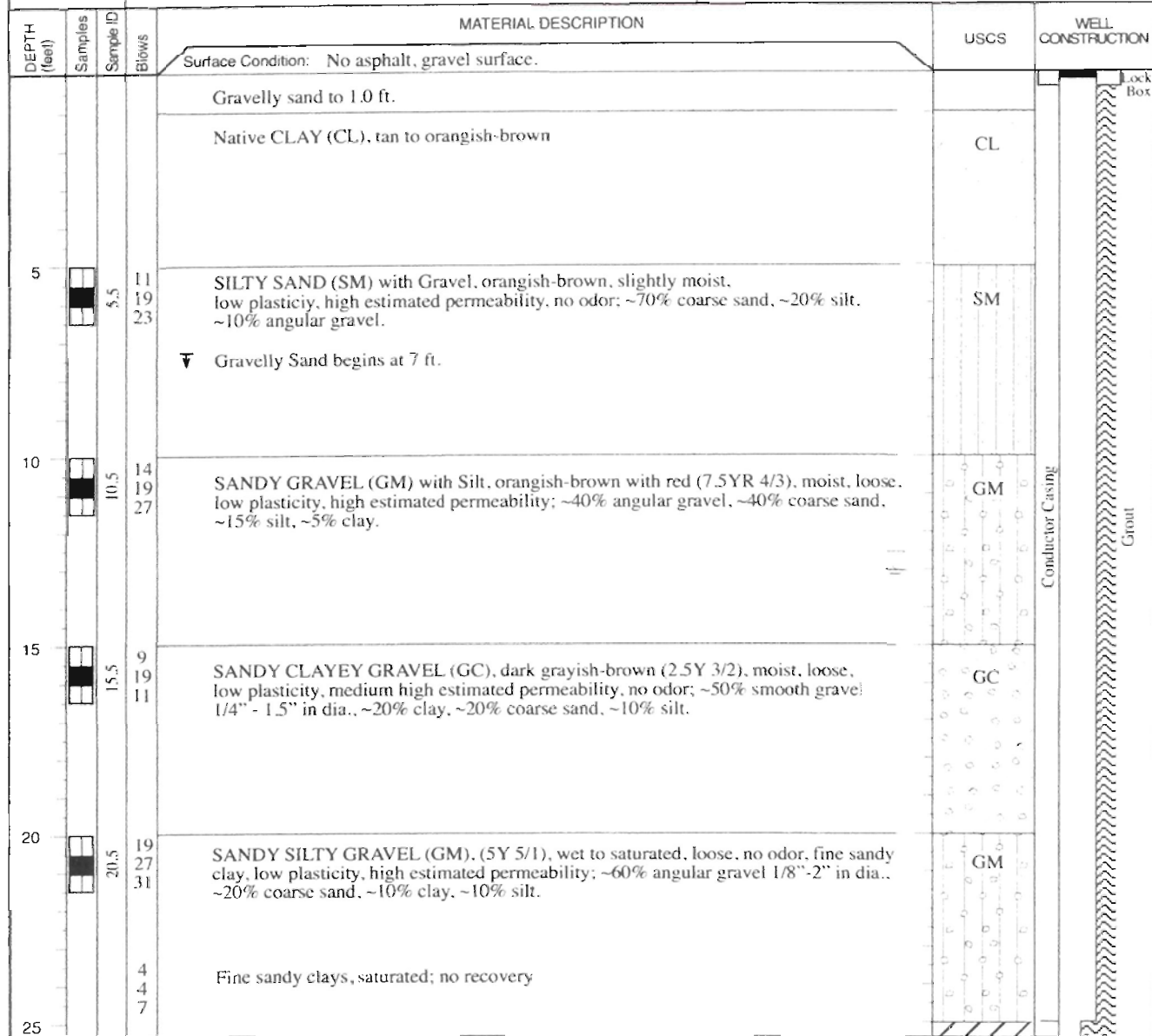
BORING LOCATION		325 Yolanda Ave. (Shallow Wall, east of former excavation)		ELEVATION AND DATUM TOC 141.82 ft		BORING NO. MW-3S	
DRILLING AGENCY		Clear Heart Drilling, Inc.		DRILLER Rick		DATE/TIME FINISHED 17 Nov 04	
DRILLING EQUIPMENT		DR 10K Truck-mounted Drill Rig		DATE/TIME STARTED 17 Nov 04		DATE/TIME FINISHED 17 Nov 04	
DRILLING METHOD		Hollow Stem Auger		COMPLETION DEPTH 26.5 ft		SAMPLING DEVICE Split Spoon	
DRILLING METHOD		BORING DIA. 8 inches		CORE BARREL 2.5 inch ϕ		LENGTH 18 inches	
SIZE AND TYPE OF CASING		2-inch PVC		TYPE AND NO. OF SAMPLES 5 Discrete Soil		LOGGED BY: JWS	
TYPE OF PERFORATION		0.010 Slotted		FROM 0.0' TO 25.0'		WATER FIRST LEVEL ~15.0 ft bgs	
TYPE OF SEAL		#2/12 Sand		FROM 4.0' TO 26.5'		SAMPLING / MEASURED —	
TYPE OF SEAL		NO. 1 Bentonite		FROM 2.0' TO 4.0'		COMMENTS 140 lb hammer dropped 40 inches. No PID testing.	
TYPE OF SEAL		NO. 2 Cement Grout		FROM 0.0' TO 2.0'			



TRACE #425/RG10/Jan05

 Environment, Community & Opportunity Network		MONITORING WELL LOG MW-3S Hulsman Transportation 325 Yolanda Avenue Santa Rosa, California			FIGURE 5
REFERENCE	Hulsman Transportation Santa Rosa	REVIEWER	Joseph Saideh	DATE	December 2004
				REVISED	
					SHEET NO. 1 of 1

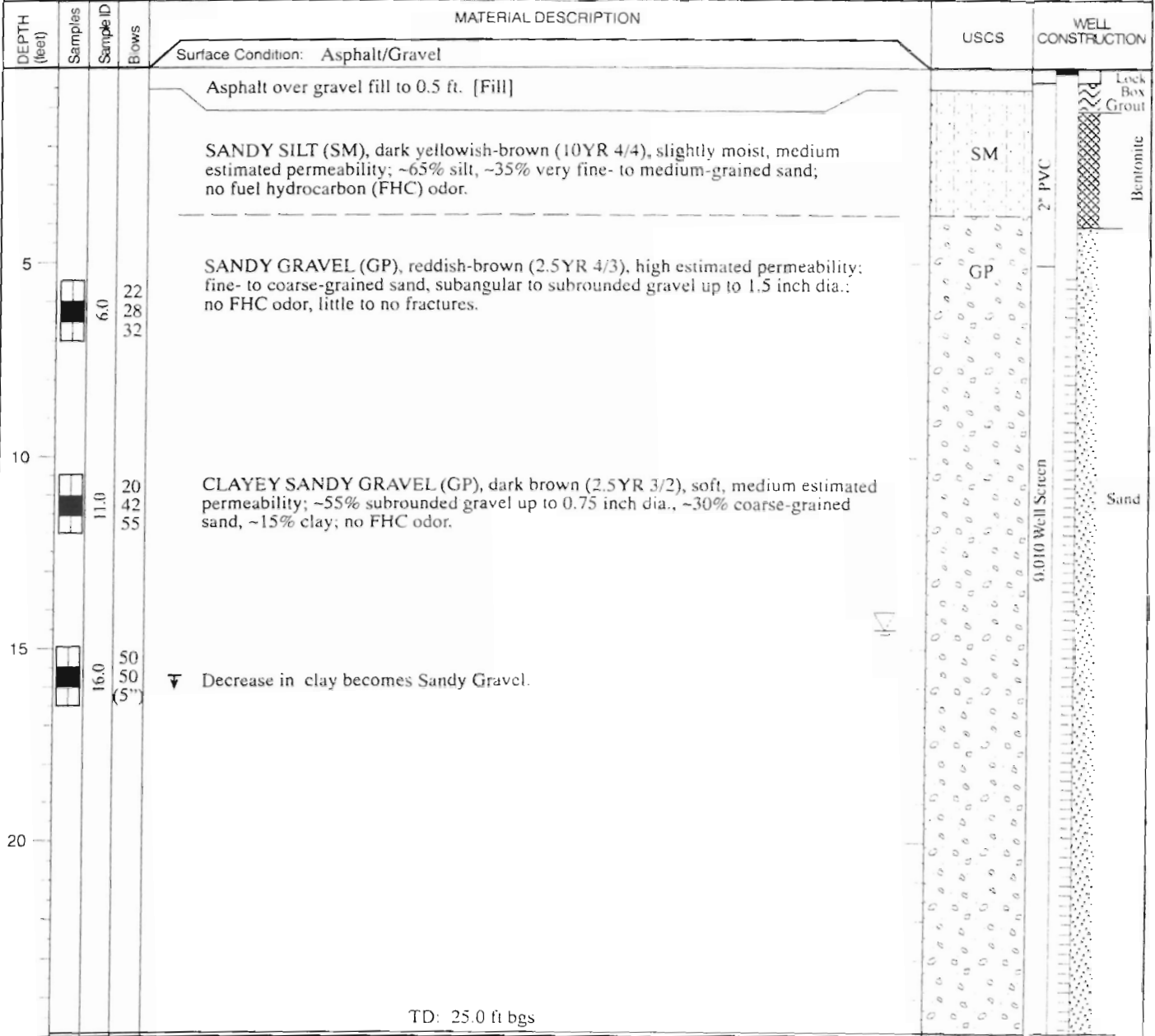
BORING LOCATION		325 Yolanda Ave. (Deep Well, east of former excavation)		ELEVATION AND DATUM TOC 141.54 ft		BORING NO. MW-3D	
DRILLING AGENCY		Clear Heart Drilling, Inc.		DRILLER Rick		DATE/TIME FINISHED 17 Nov 04	
DRILLING EQUIPMENT		DR 10K Truck-mounted Drill Rig		DATE/TIME STARTED 16 Nov 04		SAMPLING DEVICE Split Spoon	
DRILLING METHOD		Hollow Stem Auger		COMPLETION DEPTH 36.5 ft		SAMPLING DEPTH Split Spoon	
DRILLING METHOD		Hollow Stem Auger		CORE BARREL 2.5 inch ϕ		LENGTH 18 inches	
DRILLING METHOD		Hollow Stem Auger		BORING DIA. 14" (to 25 ft) 8" (25-35 ft)		TYPE AND NO. OF SAMPLES 7 Discrete Soil	
SIZE AND TYPE OF CASING		Conductor Casing 2-inch PVC		FROM 0.0' TO 25.0' 0.0' TO 35.0'		LOGGED BY: JWS	
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'		SAMPLING DEPTH Split Spoon	
TYPE OF SEAL		NO. 1 Bentonite		FROM 27.0' TO 29.0'		SAMPLING DEPTH Split Spoon	
TYPE OF SEAL		NO. 2 Cement Grout		FROM 0.0' TO 27.0'		COMMENTS 140 lb hammer dropped 40 inches. No PID testing.	



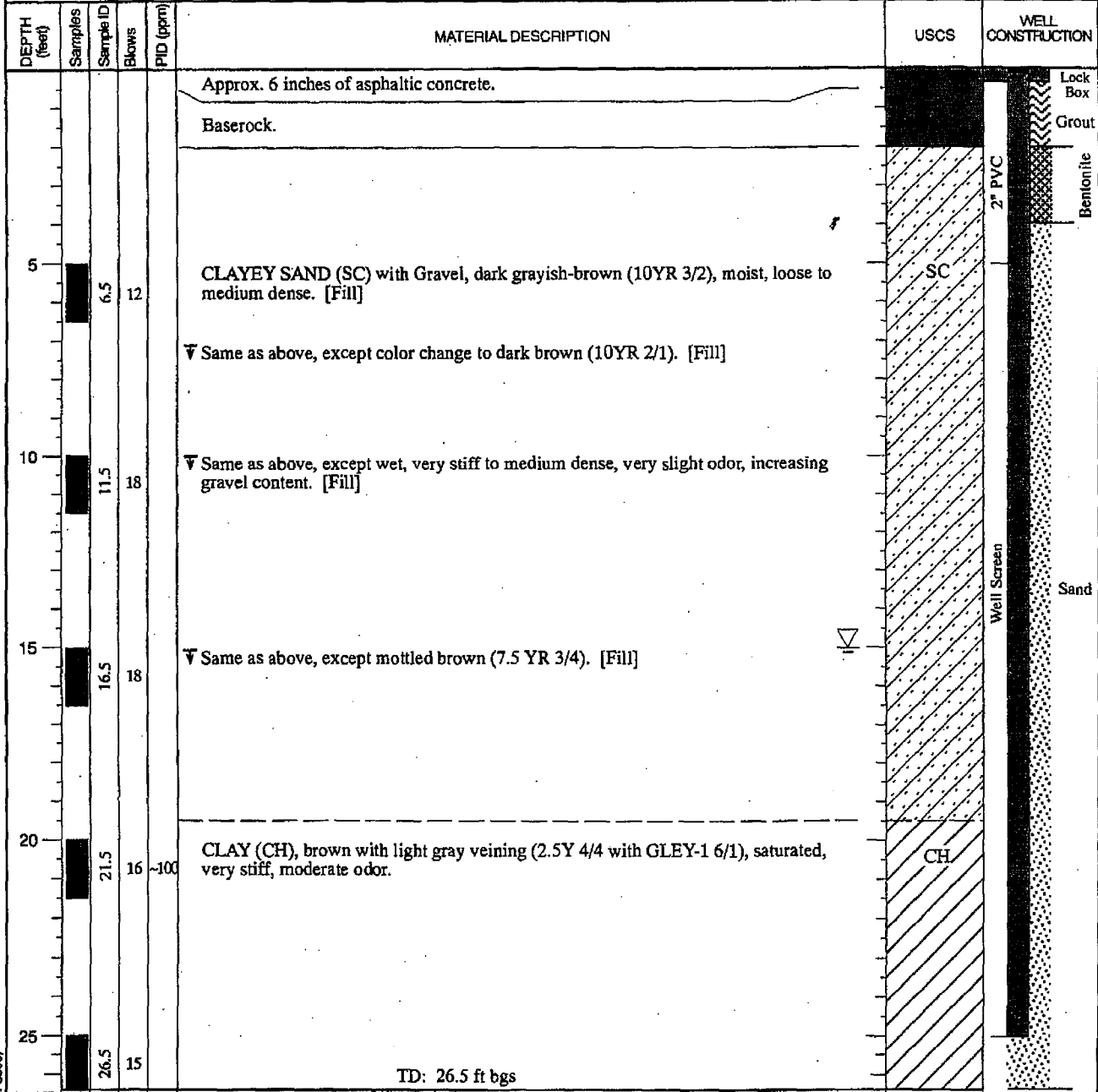
TRACE #425/RG/10/Jan05	ECON <i>Environment, Community & Opportunity Network</i>		MONITORING WELL LOG MW-3D Hulsman Transportation 325 Yolanda Avenue Santa Rosa, California			FIGURE 6
	REFERENCE Hulsman Transportation Santa Rosa	REVIEWER Joseph Saadeh	DATE December 2004	REVISED	SHEET NO. 1 of 2	

DEPTH (feet)	Samples	Sample ID	Blows	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
25		25.5	5 6 4	SANDY CLAY (CH), olive-gray (5Y 5/2), moist, medium plasticity, medium low estimated permeability, no odor; ~70% clay, ~30% fine sand.	CH	
30		30.5	11 12 21	SAND (SW), grayish-brown (GLEY-1 3/1), wet-saturated, low plasticity, high estimated permeability, no FHC odor; ~100% fine to medium sand.	SW	
35		35.0	13 15 27	GRAVELLY SAND (GM) with Silt, grayish-brown (GLEY-1, 3/1), wet, medium plasticity, low estimated permeability; ~45% fine-medium sand, ~35% angular gravel, ~20% silt. SILTY CLAY (OL), tan gray, dry, tight, no odor, low plasticity; ~50% clay, ~50% silt.	GM OL	
				TD: 36.5 ft bgs		
40						
45						
50						

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	DATE/TIME FINISHED	12 Apr 01
DRILLING EQUIPMENT	DR 10K Truck-mounted Drill Rig			COMPLETION DEPTH	25.0 ft	SAMPLING DEVICE	Split Spoon
DRILLING METHOD	Hollow Stem Auger	BORING DIA.	8 inches	CORE BARREL	2.5 inch ϕ	LENGTH	18 inches
SIZE AND TYPE OF CASING	2-inch PVC	FROM	0.0' TO 25.0'	TYPE AND NO OF SAMPLES	3 Composite Soil 1 Groundwater	LOGGED BY	ASR
TYPE OF PERFORATION	0.01 Slotted	FROM	5.0' TO 25.0'	WATER FIRST LEVEL	14.5 ft bgs	SAMPLED / MEASURED	—
SIZE AND TYPE OF PACK	#2/12 Sand	FROM	4.0' TO 25.0'	COMMENTS			
TYPE OF SEAL	NO. 1	Bentonite	FROM	1.0' TO 4.0'			
	NO. 2	Cement Grout	FROM	0.0' TO 1.0'			



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 -1.5 ft
TYPE OF PERFORATION 0.010 inch Slotted		FROM 5.0 ft TO 25.0 ft		CORE BARREL 2.0 inch φ	MEASURED / SAMPLED —
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			



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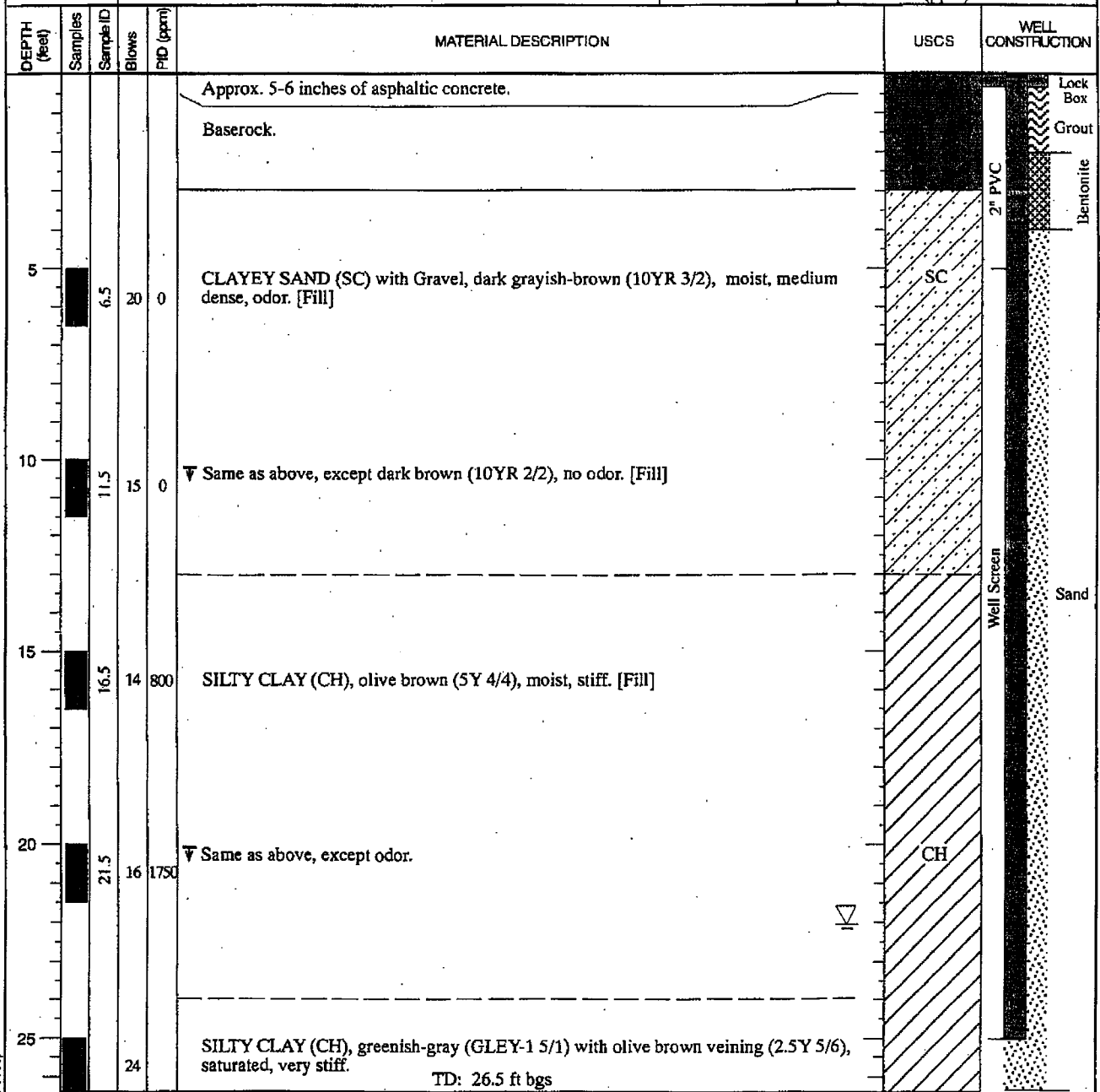
LOG OF MONITORING WELL B-29
2640 Santa Rosa Avenue
Santa Rosa, California

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#666/RG/02F-8805

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 DATE FINISHED 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 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	
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 Photo-ionization Detector (PID), results in parts per million (ppm).	



TRACE 0668 (G/03Feb05)

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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 Scorallo	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	
								DATE FINISHED		22 Jul 04	
DRILLING EQUIPMENT		Deep Rock DR10K Truck-mounted rig		COMPLETION DEPTH		41.5 ft bgs		SAMPLER		Drive	
DRILLING METHOD		Hollow Stem Auger		BORING DIA.		8.0 inches		NO. OF SAMPLES		8 Soil	
SIZE AND TYPE OF CASING		Conductor Casing 2.0 inch dia Schedule 40 PVC		FROM 0.5 ft TO 25.0 ft		WATER LEVEL		FIRST ~10 ft bgs		MEASURED / SAMPLED	
				FROM 0.5 ft TO 40.0 ft							
TYPE OF PERFORMANCE		0.010 inch Slotted		FROM 35.0 ft TO 40.0 ft		CORE BARREL		2.0 inch φ		LENGTH 18 inches	
SIZE AND TYPE OF PACK		#2/12 Lonestar Sand		FROM 34.0 ft TO 41.5 ft		LOGGED BY:		RWE		CHECKED BY: RWE	
TYPE OF SEAL		NO. 1 Bentonite Chips		FROM 30.0 ft TO 34.0 ft		COMMENTS 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							

DEPTH (feet)	Samples	Sample ID	Blows	PID (ppm)	MATERIAL DESCRIPTION	USCS	WELL CONSTRUCTION
					Approx. 18 inches of asphaltic concrete.		Lock Box
					Basereck		
5	×	6.0	39		CLAYEY SAND (SC) with Gravel, mottled dark brown (7.5YR 3/2) to strong brown (7.5YR 5/6-8), damp, dense. Sand is well sorted, coarse to very coarse, subangular to subrounded, Franciscan debris, trace red volcanics.	SC	Conductor Casing Grout
10	×	11.0	61	1.5	SANDY GRAVEL (GW) with Clay, dark olive gray (5Y 3/2), wet, very dense; Franciscan debris, trace red volcanics, medium to coarse sand, pebbles to 2" long.	GW	
15	×	16.0	58	2.1	Same as above.		
20	×	21.5	58	370	SANDY GRAVEL (GP), very dark gray (N3), saturated, very dense, very permeable; strong FHC odor; coarse to very coarse sand, subangular to subrounded gravel up to 1/2" long, Franciscan debris and quartz.	GP	
25						CL	

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LOG OF MONITORING WELL B-35D
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.	1 of 2
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TRACE#669RG07 Jan09

BORING LOCATION					2640 Santa Rosa Ave. (-5 ft SW of B-28 and ~13 ft NW of SP-10)		CONTINUED LOG SHEET NO.	2 of 2	FOR BORING NO.	B-35D
DEPTH (feet)	Samples	Sample ID	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					
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										

TRACE#386RG07 Jan05

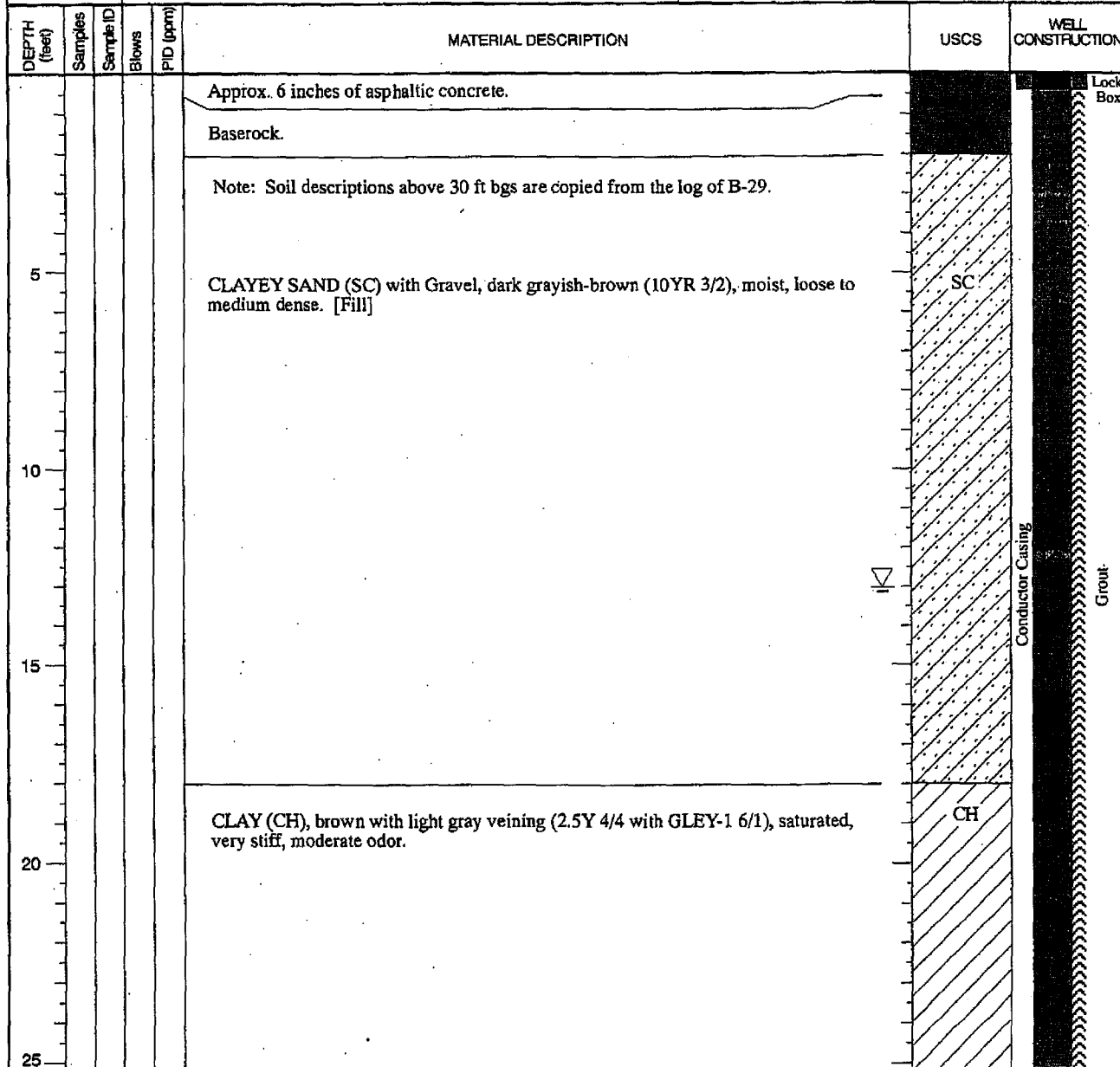
EDD CLARK & ASSOCIATES, INC.
 ENVIRONMENTAL CONSULTANTS

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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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	
DRILLING EQUIPMENT CME 75 Truck-mounted rig		COMPLETION DEPTH 40.0 ft		DATE FINISHED 16 Jul 04	
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		MEASURED / SAMPLED LENGTH 18 inches	
SIZE AND TYPE OF PACK #2/12 Lonestar Sand		FROM 34.0 ft TO 40.0 ft		CORE BARREL 2.0 inch ϕ	
TYPE OF SEAL NO. 1 Bentonite Chips NO. 2 Portland Cement Grout		FROM 32.5 ft TO 34.0 ft FROM 0.0 ft TO 32.5 ft		LOGGED BY: RWE CHECKED BY: RWE	
COMMENTS					



TRACE#368/RG/MZF-0005

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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)	Samples	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										

TRACE #366/RG/07-Jan05

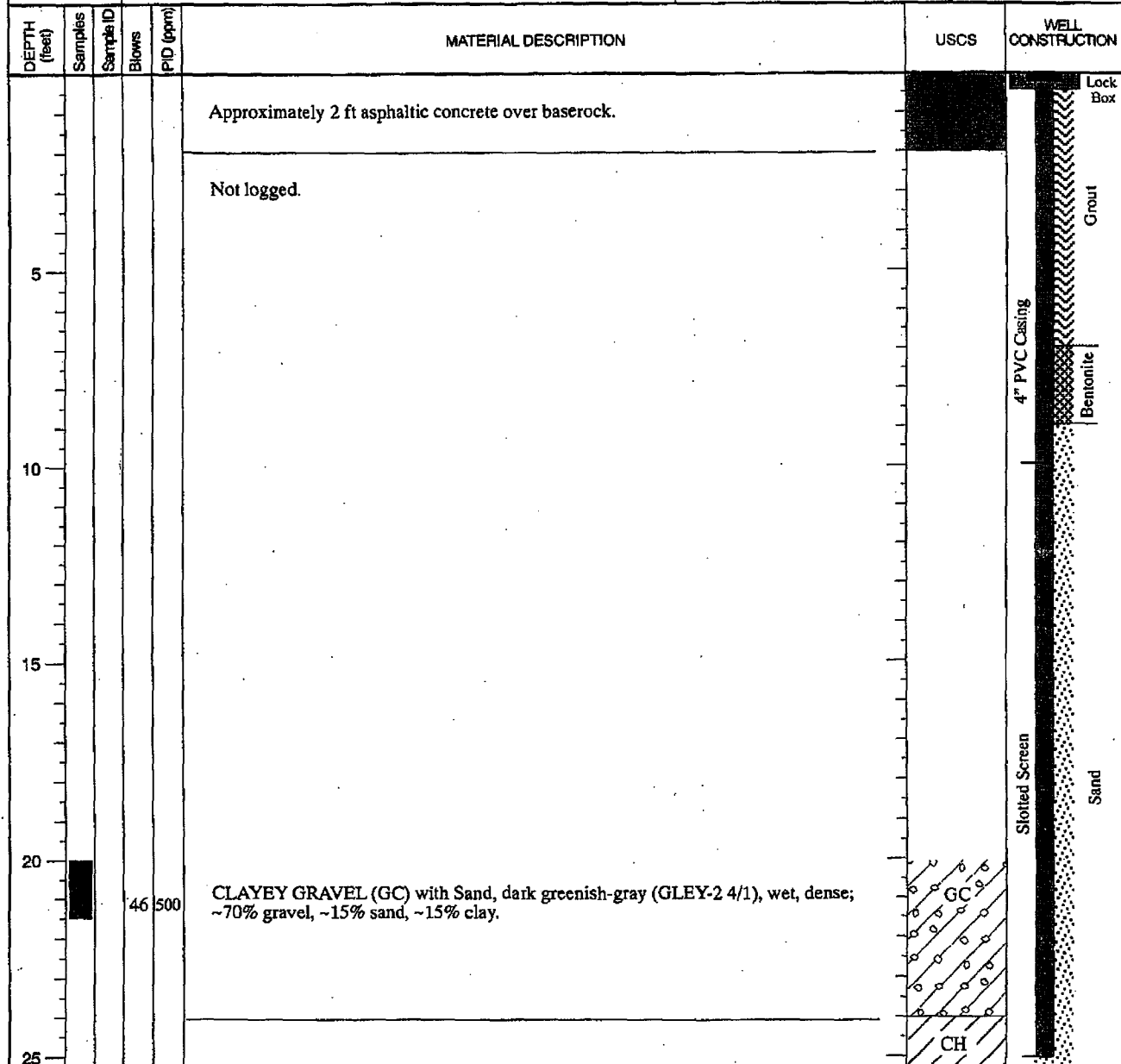
EDD CLARK & ASSOCIATES, INC.
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LOG OF MONITORING WELL B-36D (Cont'd)
2640 Santa Rosa Avenue
Santa Rosa, California

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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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 DATE FINISHED	
						04 Aug 04 →		04 Aug 04	
DRILLING EQUIPMENT				DR5K Truck-mounted rig		COMPLETION DEPTH		26.5 ft	
								SAMPLER CA Modified Split Spoon	
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	
								MEASURED / SAMPLED	
TYPE OF PERFORATION		0.020 inch slotted		FROM 10.0 ft TO 25.0 ft		CORE BARREL		2.0 inch φ	
								LENGTH 18 inches	
SIZE AND TYPE OF PACK		#2/12 Monterey Sand		FROM 9.0 ft TO 26.5 ft		LOGGED BY:		LKC	
								CHECKED BY: RWE	
TYPE OF SEAL		NO. 1 Bentonite Chips		FROM 7.0 ft TO 9.0 ft		COMMENTS 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 7.0 ft					



TRACE#886RG02F#605

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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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BORING LOCATION					CONTINUED LOG, SHEET NO.	FOR BORING NO.	
2640 Santa Rosa Ave. (~53 ft ENE of former gasoline UST)					2 of 2	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. TD: 26.5 ft bgs	CH	Sand
30							
35							
40							
45							
50							

TRACE #366/RG/07-Jan-05

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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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



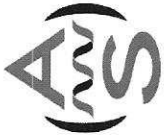
Volatile Hydrocarbons by GC/MS

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



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: 6022901
 Client Project Name: 325 YOCAN-DA AVE
 Client Project Number: _____

RUSH

CLIENT INFORMATION	
Company Name:	<u>Environmental Geology Services</u>
Address:	<u>6169 Amie Drive</u> <u>Windsor, CA 95492</u>
Contact:	<u>David Bush</u>
Phone #:	<u>(707) 528-0810</u>
Fax #:	<u>(707) 528-0810</u>
e-mail:	<u>dbush@egsconsultants.com</u>

TURNAROUND TIME (check one)		
Same Day	<input checked="" type="checkbox"/>	
48 Hours	<input type="checkbox"/>	24 Hours
5 Days	<input type="checkbox"/>	Normal

Geotracker EDF: Y N
 Global ID: _____

Cooler Temperature 100s °C
 Page 1 of 1

ANALYSIS

Item	Client Sample ID	Date Sampled	Time	Matrix	# Cont.	Presv. Y/N	TPH/Gas/BTEX & MTBE EPA 8015/8021	TPH Diesel / Motor Oil EPA 8015M	Volatile + PCBs EPA 8260B (Full List)	BTEX & Oxygenates + PB Scavengers EPA 8260B	Oxygenated Fuel Additives EPA 8260B	Chlorinated Solvents EPA 8010 / EPA 8260B	Semi-Volatile Hydrocarbons EPA 8270C	TRPH / TOG SM 5520F / EPA 418.1	Pesticides / PCB's EPA 8081 / 8141 / 8082	Cam 17 Metals / 5 Luft Metals	Total Lead	Comments	Lab Sample #
1	DW-325	2/29/16	755	H ₂ O	3	Y			X									6022901	-01
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

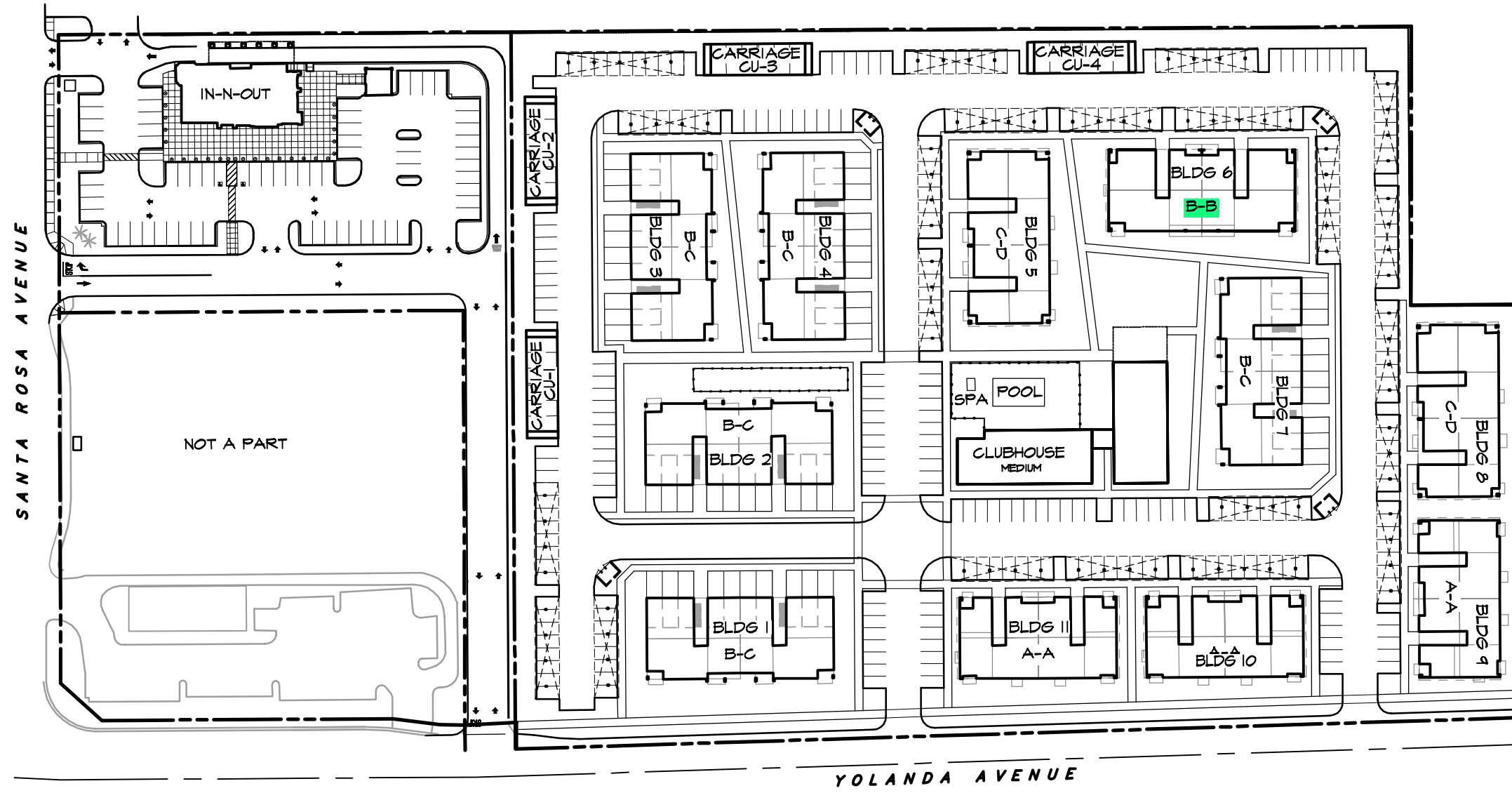
SIGNATURES

Relinquished By: _____ Signature	Sampled By: <u>DAVID BUSH</u> Signature
Received By: _____ Signature	Date: <u>2/29/16 8:35</u>
Date: _____	Date: <u>2/29/16 8:35</u>
Time: _____	Time: _____

APPENDIX G

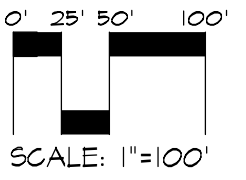
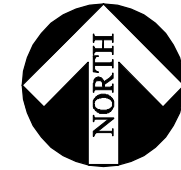
OTHER SUPPORTING DOCUMENTATION

SITE PLAN



LEGEND

- FENCING
- TRASH ENCLOSURE
- CARPORT



YOLANDA

CONCEPT DESIGN PACKAGE

SANTA ROSA, CA

03.22.2018



PROJECT INFORMATION

GENERAL:

ADDRESS: 325 YOLANDA AVENUE & 2532 SANTA ROSA AVENUE
 GENERAL PLAN DESIGNATION: RETAIL & BUSINESS SERVICE
 ZONING: CG GENERAL COMMERCIAL

SITE SUMMARY:

TOTAL GROSS SITE AREA (RESIDENTIAL): 8.4 ACRES
 RESIDENTIAL DENSITY: 252 UNITS / 8.4 ACRES = 30 UNITS/ACRE
 TOTAL GROSS SITE AREA (COMMERCIAL): 1.6 ACRES

PARKING SUMMARY:

RESIDENTIAL:

PARKING REQUIRED: 133 UNITS OF STUDIO OR 1 BEDROOM X 1.5 SPACES = 199.5 SPACES
 119 UNITS OF 2 OR 3 BEDROOMS X 2.5 SPACES = 297.5 SPACES
 TOTAL REQUIRED = 497 SPACES

PARKING PROVIDED:

COVERED SPACES: TUCK-UNDER GARAGES = 50 SPACES
 CARRIAGE UNIT GARAGES = 24 SPACES
 CARPORTS = 182 SPACES
 TOTAL COVERED SPACES = 256 SPACES
 UNCOVERED SPACES: TANDEM AT TUCK-UNDER GARAGES = 50 SPACES
 UNCOVERED = 121 SPACES
 TOTAL UNCOVERED SPACES = 171 SPACES
 TOTAL SPACES PROVIDED: 427 SPACES

COMMERCIAL:

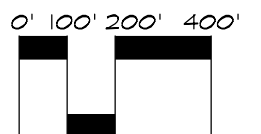
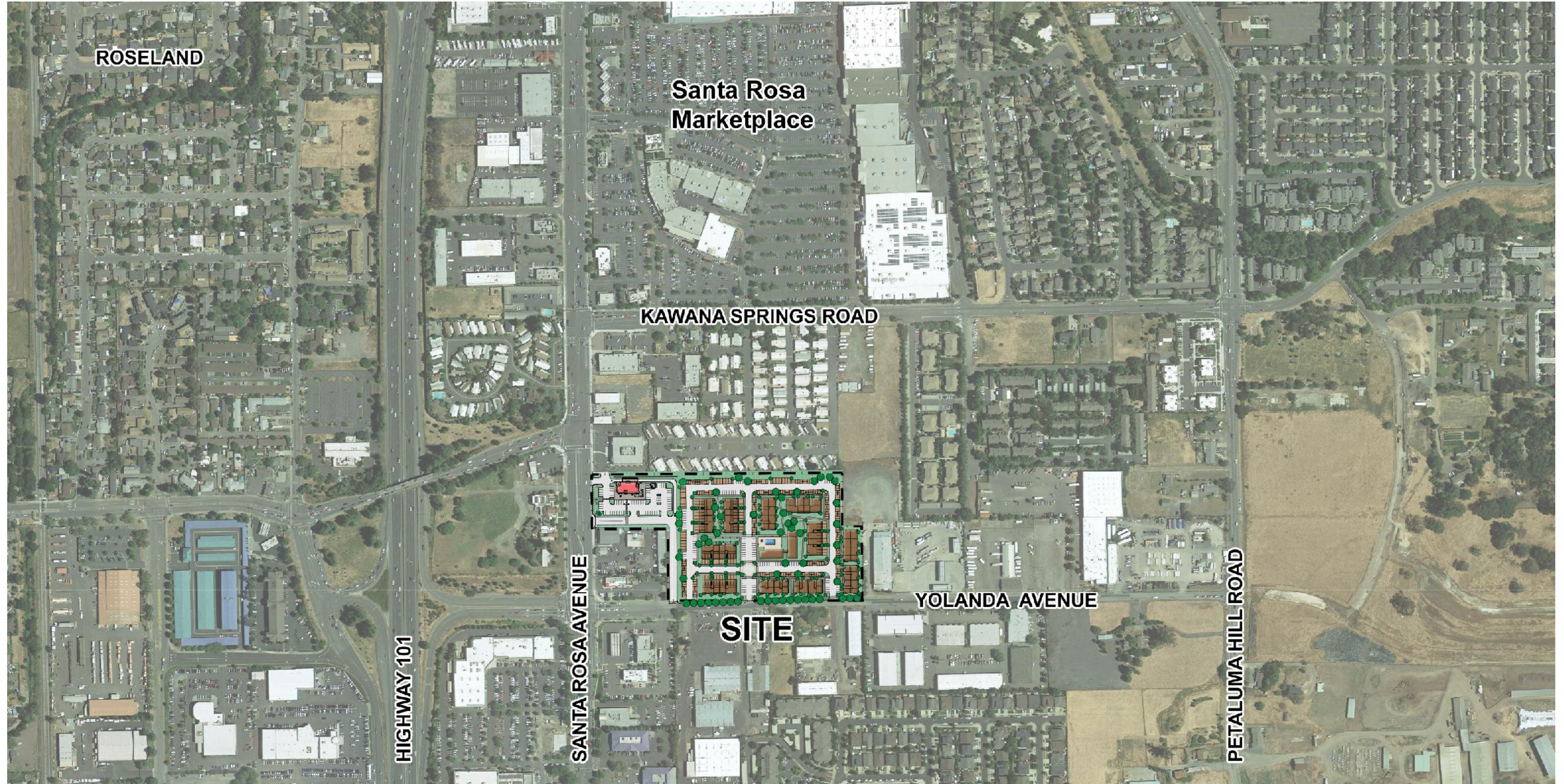
PARKING REQUIRED: 51 SPACES (1 SPACE PER 75 SF)
 PARKING PROVIDED: 66 SPACES

RESIDENTIAL BUILDING SUMMARY:

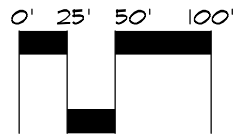
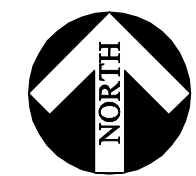
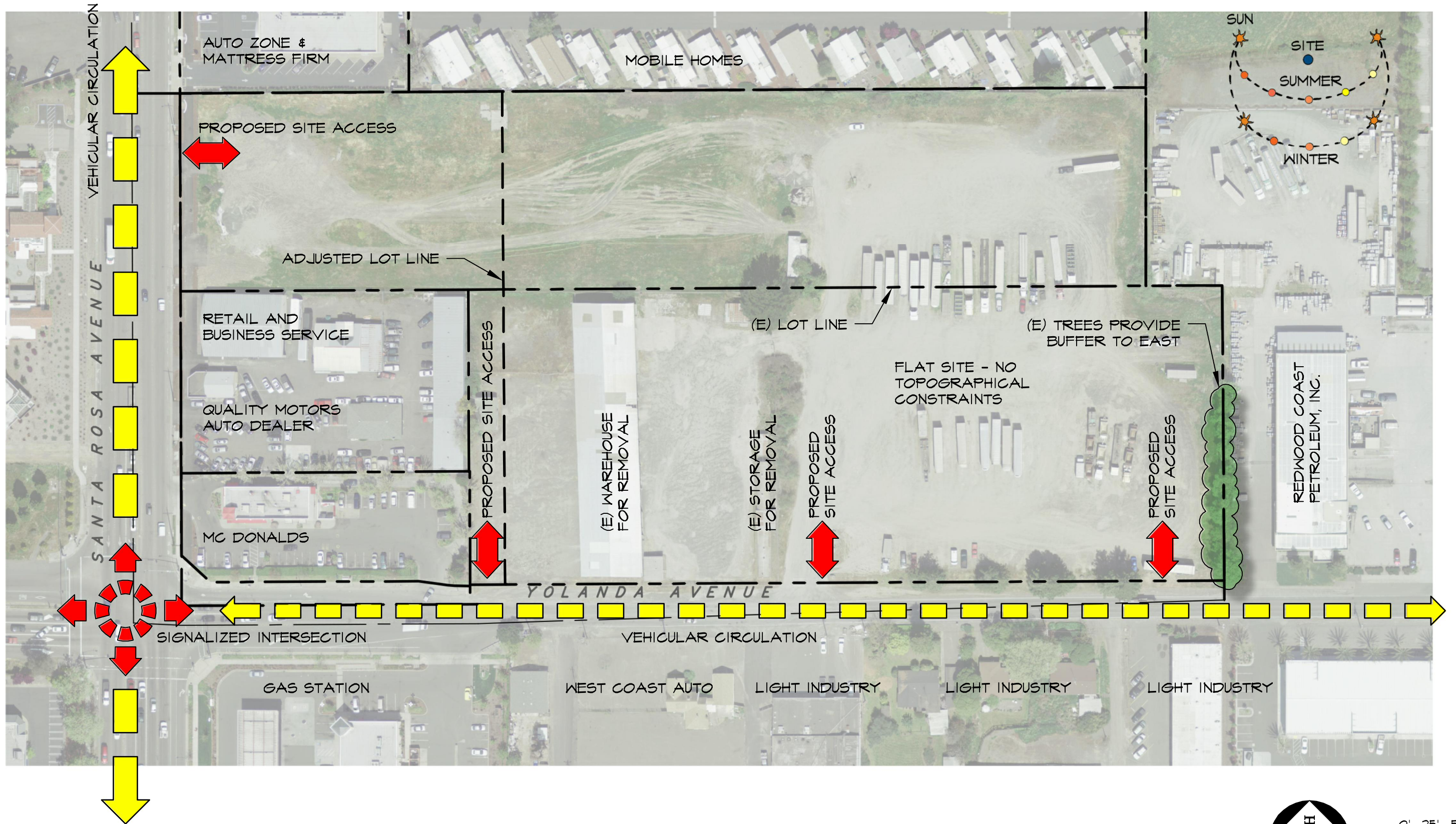
	NUMBER OF BUILDINGS	HEIGHT
BUILDING TYPE A-A	3	3-STORY
BUILDING TYPE B-B	1	3-STORY
BUILDING TYPE C-D	2	3-STORY
BUILDING TYPE B-C (W/TUCK-UNDER PARKING)	5	3-STORY
CARRIAGE UNIT	4	2-STORY
CLUBHOUSE/LEASING & FITNESS	1	1-STORY

	Chassis A	Chassis B	Chassis C	Chassis D	B-tuck	C-tuck	Carraige									
QTY	6	2	2	2	5	5	4		TOTAL CHASSIS	26				Building Types		
UNIT TYPE	QTY	QTY	QTY	QTY	QTY	QTY	QTY		TOTAL UNITS	UNIT SQ. FT.	TOTAL UNIT SQ. FT.	# of baths		Type	Chassis Configuration	Count
S1 Studio (#3)	18							7%	18	544	9792	18		Bldg type 1	A-A	3
A1 1BD/ 1BA (#10)		6		6	15			46%	27	624	16848	27		Bldg type 2	B-B	1
A2 1BD/ 1BA (#14)	18	6	6		10	10			50	672	33600	50		Bldg type 3	C-D	2
A3 1BD/ 1BA (#17)				12					12	684	8208	12		Bldg type 4	B-C *W/TUCK UNDER	5
A4 1BD+/1BA (#19)	18								18	792	14256	18		** 10 garages per tuck under building		
Carraige Unit							8		8	762	6096	8				
B1 2BD/ 2BA (#24)	18		6	6		25		39%	55	965	53075	110				
B2 2BD/ 2BA (new)		6	12		10	15			43	1045	44935	86				
C1 3BD/ 2BA (#30)		6			15			8%	21	1223	25683	42				
TOTAL UNITS	72	24	24	24	50	50	8	252	TOTAL NET RENTABLE	212493	371	TOTAL BUILDINGS	11			
									Average Unit SF	843						

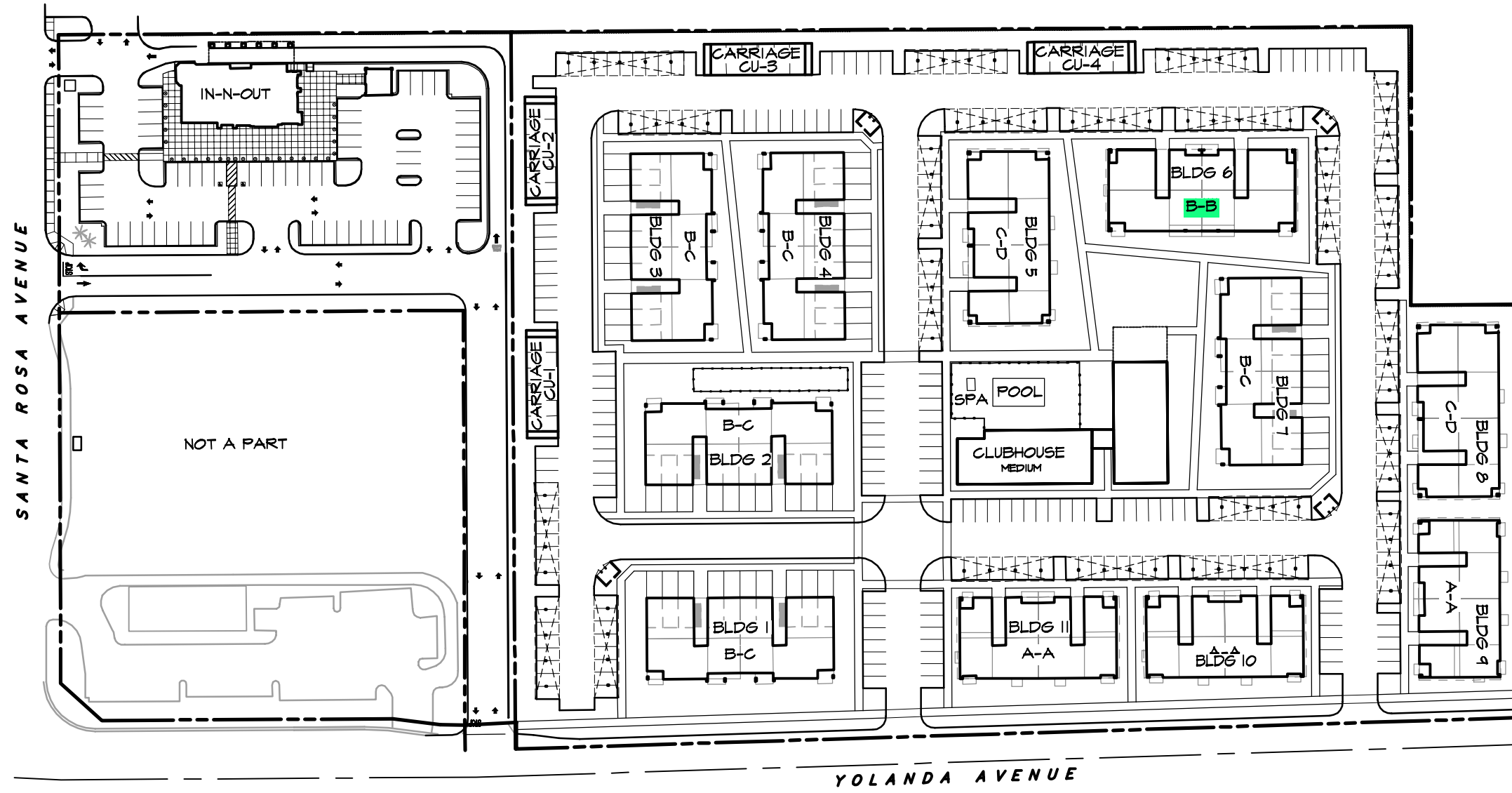
NEIGHBORHOOD CONTEXT



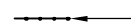

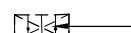
SITE ANALYSIS

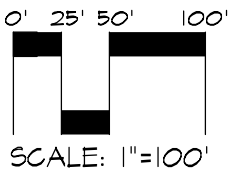
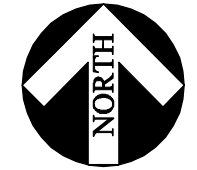


SITE PLAN

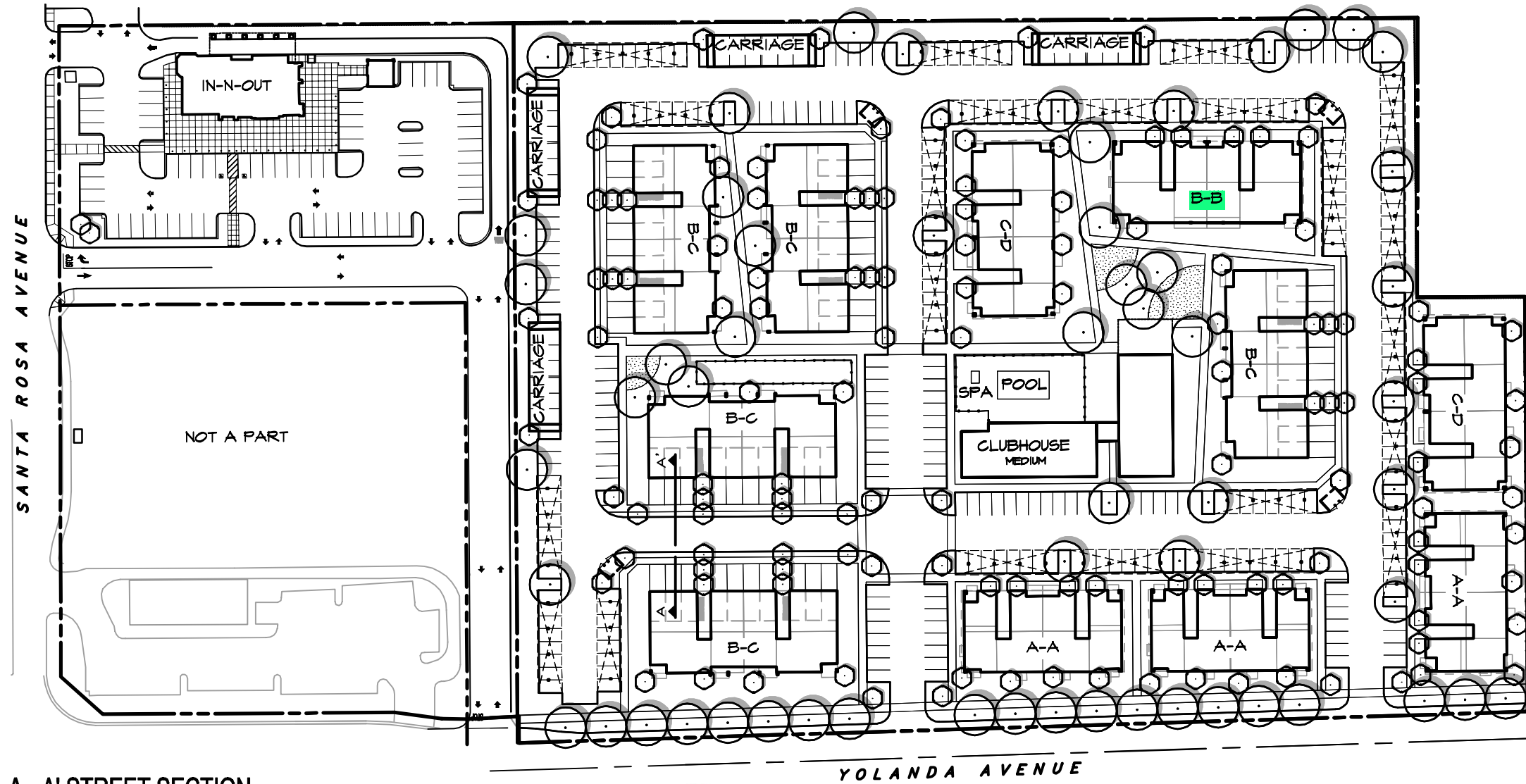


LEGEND

-  FENCING
-  TRASH ENCLOSURE
-  CARPORT

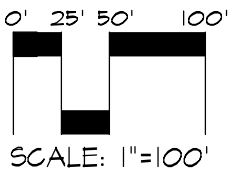


CONCEPT LANDSCAPE PLAN

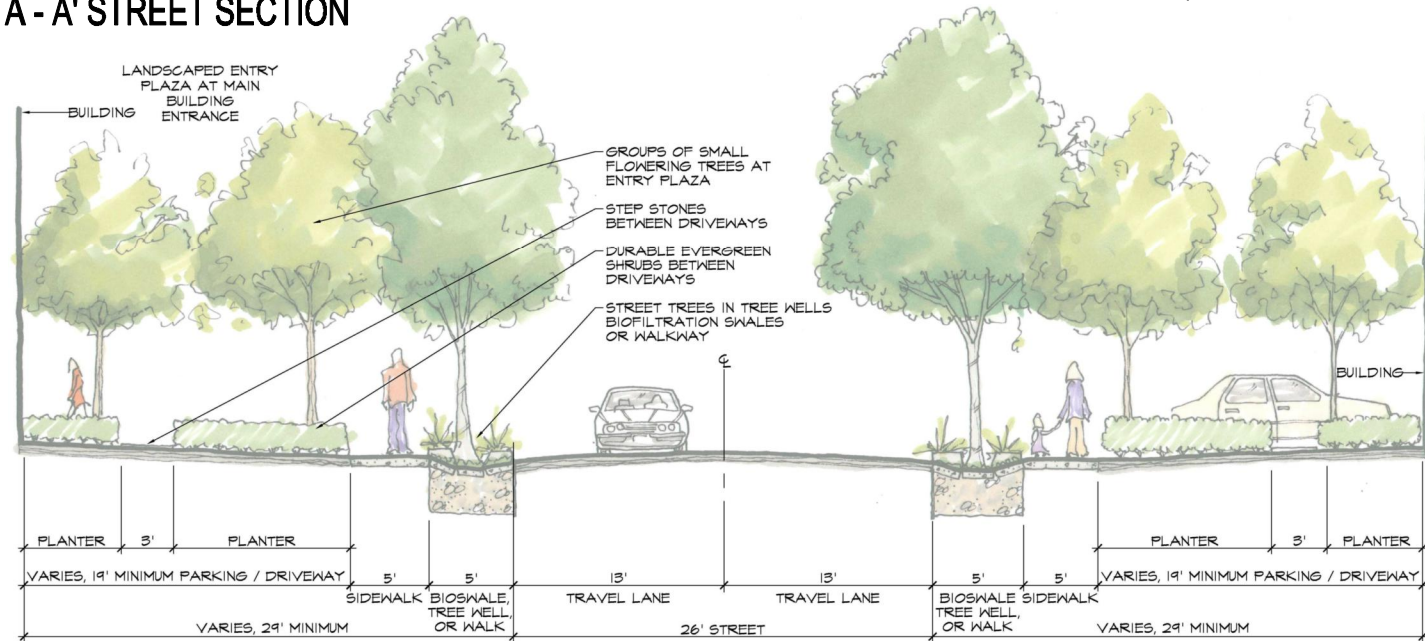


LEGEND

- DECIDUOUS SHADE TREES
- ORNAMENTAL TREES
- TURF AREAS



A - A' STREET SECTION



APPENDIX H

QUALIFICATIONS

Christopher Olsen – Associate Consultant

Education:

BA Environmental Studies, UC Santa Barbara
MBA Santa Clara University, Leavey School of Business

Training/Licenses/Registrations:

AHERA, Asbestos Building Inspector

Summary of professional experience:

Mr. Olsen has had experience in the environmental consulting, property disclosure, and real estate due diligence industry since 1994. Mr. Olsen has performed several thousand Phase I ESAs, including Fannie Mae, Freddie Mac, HUD and FDIC scopes of work. Mr. Olsen has performed asbestos, lead-based paint, radon, and mold sampling on hundreds of Phase I ESA projects. He has completed Phase I ESA projects on all property types, including heavy and light industrial, commercial office and retail, hospitality, multi-family, mobile home parks, hospital and skilled nursing facilities, resort properties, automotive service facilities, and waste processing facilities. Mr. Olsen has several years' experience reviewing Phase I ESA reports, and conducting "desk reviews" of Phase I ESAs as a third party reviewer. Mr. Olsen has completed approximately 50 PCA reports.

Select Phase I ESA project experience for Mr. Olsen includes:

- Oakridge Shopping Center, San Jose, CA - This 1.14M SF shopping center was constructed in 1971. HRECs were identified in connection with a former auto service facility which was on site. Mr. Olsen recommended an ACM O&M plan.
- Garaventa Transfer Station, Pittsburg, CA - This 11.05 acre site is a recycling and solid waste transfer station. RECs were identified and an ACM O&M plan was recommended as well as continued groundwater monitoring and remediation per RWQCB requirements.
- Embassy Suites, South Lake Tahoe, CA - Embassy Suites is a resort hotel. No RECs were identified; however, Mr. Olsen recommended an ACM O&M plan.
- Durkee Industrial Facility, Richmond, CA - This 6.32 acre commercial/industrial property was found to have multiple RECs due to historic industrial uses. Groundwater contamination was reported. Mr. Olsen recommended continued groundwater monitoring and remediation per RWQCB requirements.
- Office Tower, 100 Van Ness Ave, San Francisco, CA - This 29 story office tower constructed in 1973 was undergoing a complete interior renovation for conversion to residential use. Several RECs were identified due to the operation of vaulted tanks without permits or tank testing documentation.
- Mixed-use Property, Oakland, CA - This 2.45 acre site consisted of ten office and retail buildings constructed between 1868 and 1881. RECs were identified in connection with undocumented former onsite contaminated soil removal. Additionally, an adjacent open SLIC case (groundwater contamination) was reported.
- Portfolio of five multi-family residential facilities, San Francisco, CA - No RECs were found while reviewing this portfolio of multi-family residential properties in San Francisco. Mr. Olsen recommended both ACM and LBP O&M plans for these properties.

Margo Mackey, REPA – National Client Manager

University of San Francisco, M.S., Environmental Management
Registered Environmental Property Assessor, Registrant Number 797512

Since 1989, Ms. Mackey has conducted environmental surveys and reviewed technical reports for over 1500 properties developed with industrial, agricultural, or commercial uses. Ms. Mackey has provided storm water compliance services for municipal agencies and has developed and conducted training classes for environmental site assessments and storm water management. She has provided environmental site assessments, project management and technical reviews on large multi-site assessment projects. She has also managed subsurface investigations, underground storage tank removal projects and has collected environmental related samples. In these capacities, she corresponds with regulatory agency personnel, property owners, facility managers and tenants, and works under deadlines. In addition, she's completed AHERA accredited Building Inspector for Asbestos courses.

Select project experience for Ms. Mackey includes:

- Conducted numerous Phase I ESAs including for large financial institution where an office building located in a downtown area was discharging water contaminated with solvents to the storm water system. Subsequently, a carbon filter treatment system was constructed at the site to provide proper treatment prior to discharge.
- Provided environmental site assessment services at five golf courses located in northern California. Several of the sites had previously been landfill sites with groundwater and methane gas monitoring systems. Numerous agency records were reviewed to evaluate potential recognized environmental conditions at each of the sites.
- Conducted site survey risk assessments to assess pollution risks at various facilities including a jet fueling facility and large municipal waste water pollution treatment plant.
- Provided technical assistance, training and peer review for Phase I ESAs at 62 former military sites in Alaska.
- Conducted storm water services for a municipality at a closed landfill and a municipal operation center, per permit requirements. This work included compliance reporting via online SWARM database input, training services and facility inspections.

APPENDIX I

LIST OF COMMONLY USED ABBREVIATIONS

UNITS

µg/L	Micrograms per Liter	pCi/L	PicoCuries per Liter
mg/kg	Milligrams per Kilogram	ppb	Parts per Billion
mg/L	Milligrams per Liter	ppm	Parts per Million

ABBREVIATIONS AND ACRONYMS

ACM	Asbestos-Containing Material	NESHAP	National Emission Standards for Hazardous Air Pollutants
ADJ	Adjacent site	NFA	No Further Action
AEI	AEI Consultants	NFRAP	No Further Remedial Action Planned
AHERA	Asbestos Hazard Emergency Response Act	NLR	No Longer Reporting
APN	Assessor's Parcel Number	NOV	Notice of Violation
AST	Aboveground Storage Tank	NPL	National Priorities List
AUL	Activity and Use Limitation	O&M	Operations and Maintenance
bgs	Below Ground Surface	OEC	Other Environmental Considerations
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes	OSHA	Occupational Safety and Health Administration
CERCLA	Comprehensive Environmental Response Compensation and Liability Act	PCB	Polychlorinated Biphenyl
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System	PCE, PERC	Perchloroethylene, Tetrachloroethylene, Tetrachloroethene
CESQGs	Conditionally Exempt Small Quantity Generators	RCRA	Resource Conservation and Recovery Act
COC	Contaminant of Concern	REC	Recognized Environmental Condition
CREC	Controlled Recognized Environmental Condition	RP	Responsible Party
EC	Engineering Controls	SDS	Safety Data Sheet
EDR	Environmental Data Resources, Inc.	SEMS	Superfund Enterprise Management System
EPA	Environmental Protection Agency	SF	Square Footage/Square Feet
ERIS	Environmental Risk Information Services	SP	Subject Property
ERNS	Emergency Response Notification System	SQG	Small Quantity Generator
ESA	Environmental Site Assessment	SWLF	Solid Waste Landfill
GPR	Ground-Penetrating Radar	SVOC	Semi-Volatile Organic Compound
HREC	Historical Recognized Environmental Condition	TCE	Trichloroethylene, Trichloroethene
HVAC	Heating, Ventilation and Air Conditioning	TPH	Total Petroleum Hydrocarbons
HWS	Hazardous Waste Site	TPHd	Total Petroleum Hydrocarbons (diesel range)
IC	Institutional Controls	TPHg	Total Petroleum Hydrocarbons (gasoline range)
LBP	Lead-Based Paint	TPHo	Total Petroleum Hydrocarbons (oil range)
LCP	Lead-Containing Paint	TRPH	Total Recoverable Petroleum Hydrocarbons
LLP	Landowner Liability Protection	TSDF	Treatment, Storage, and Disposal Facility
LQG	Large Quantity Generator	USDA	United States Department of Agriculture
LUST	Leaking Underground Storage Tank	USGS	United States Geological Survey
MCL	Maximum Contaminant Level	UST	Underground Storage Tank
MTBE	Methyl Tertiary Butyl Ether	VCP	Voluntary Cleanup Program
ND	None Detected	VOC	Volatile Organic Compound