

Prepared for

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PHASE I & II ENVIRONMENTAL SITE ASSESSMENT

CERRI PROPERTY

3, 9 & 15 NORTH STREET

HEALDSBURG, CALIFORNIA

February 18, 2016

EBA Project No. 15-2212





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CERRI PROPERTY

3, 9 & 15 NORTH STREET

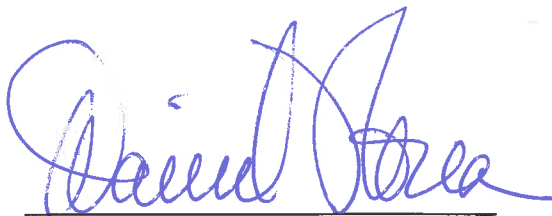
HEALDSBURG, CALIFORNIA

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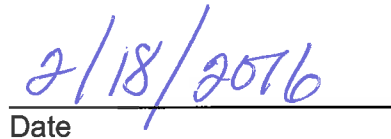
EBA Project No. 15-2212

Professional Certification

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



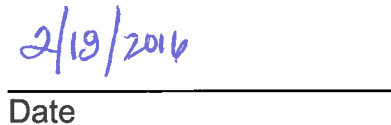
David Noren, Manager
Environmental Services



Date



Matthew J. Earnshaw, P.G., C.Hg.
Senior Geologist



Date

Executive Summary
Cerri Property
3, 9 & 15 North Street
Healdsburg, California

The following report presents the findings of a Phase I & II Environmental Site Assessment (ESA) performed by EBA Engineering for properties located at 3, 9 and 15 North Street located in Healdsburg, California. The property includes three parcels of land that are further identified as Sonoma County Assessor Parcel Numbers (APN's) 002-173-021, 002-173-002, and 002-173-003, respectively, hereinafter referred to as the project site. This ESA was completed for the City of Healdsburg (Client) in conformance with American Society of Testing and Materials (ASTM) Standard Practice E1527-13.

The project site property consists of three developed property parcels located within the developed commercial business district of the City of Healdsburg, California. The properties are identified as Sonoma County APNs 002-173-021, 002-173-002, and 002-173-003 and are 0.47, 0.20 and 0.38 acres in size, respectively. The project site contains a single commercial structure that is 12,032 square feet in size that is present on the western side of the site and occupies the property parcel identified as APN 002-173-021. The remaining two parcels consist of paved parking and landscaping.

Initial development of the project site property appears to have occurred prior to 1920, when at least one residence existed on the western side of the project site in the current location of the existing warehouse. In the early 1920's, the Cerri family reportedly purchased the project site property and moved the residence to a different location. The existing warehouse was then reportedly constructed for use as a grocery warehouse. Between the 1930 and the mid 1970's the project site appears to have been used exclusively for fruit and nut packing and distribution by companies including the Rosenberg Brothers & Company and Del Monte. In the mid 1970's, the Purity Chemical Products Company purchased the warehouse structure for use in distribution and storage of agricultural products such as fertilizer, herbicides and pesticides. In addition, pool and spa chemicals were reportedly stored and sold from the business.

The project site property is identified in several regulatory agency databases and files due to the use and subsequent investigation and remediation of a former underground fuel storage tank (UST). The UST was located on the northeast side of the existing warehouse and was removed in 1990. Several phases of investigation and remediation were performed that included the installation of groundwater monitoring wells and completion of a small excavation to remove contaminated soil that was accessible. Results of the soil and groundwater investigation indicated moderate concentrations of soil and groundwater impacts consisting of petroleum hydrocarbons and fuel related volatile organic compounds at locations immediately adjacent to the former UST. Inaccessible soil and groundwater impacts were located under the existing building.

Based on the information gathered during the investigation and remediation of the UST site it was concluded that the soil and groundwater impacts were adequately defined

and confined to inaccessible locations beneath the existing warehouse building. The NCRWQCB agreed with these conclusions and the regulatory case was conditionally closed in a letter dated February 1997.

The recent assessment of the project site indicated the historic presence of a second UST that was located at the southeast corner of the existing warehouse. While there is very little historic information regarding the use and subsequent removal of the tank, soil sampling in the area of the former UST indicated the presence of petroleum hydrocarbons in soil in this location. The impacts to soil consist of gasoline and fuel related volatile organic compounds and appear to be generally confined to the area of the former tank location. There is no indication of impacts to groundwater from the release from the former tank.

Soil vapor and sub-slab soil vapor conditions at the project site were also assessed by installing soil vapor and sub-slab soil vapor probes at several locations within the project site. The soil vapor samples collected from the project site contained detectable concentrations of several volatile organic compounds including perchloroethene and several fuel related volatile organic compounds typically associated with gasoline. The concentrations of these compounds are generally low and appear to be located in the vicinity of the southern warehouse near the historical UST location and the northeast corner of warehouse in the location of the UST that was removed in 1990. The source of the perchloroethene is unknown. The source of fuel related volatile organic compounds appears to be associated with the former USTs at the project site.

There is little to no indication of residual herbicides or pesticides present at the project site. Wipe samples of the concrete slab indicates that residual concentrations of metals including copper and arsenic are present on the surface of the slab. Remedial options for these compounds includes either cleaning the slab surface or replacement of the slab entirely.

The environmental impacts at the project site are generally defined by the Phase I & II assessment presented herein. These impacts are fairly typical of historic properties that had use of underground fuel storage tanks and various chemical storage and use. In the case of the project site the two UST sites have localized impacts that are generally confined to the area of release. The UST location at the northeast corner of the warehouse was previously investigated and remediated to the satisfaction of applicable regulatory agencies and was granted regulatory closure in 1997. The case will remained closed by regulatory agencies; however if the building is removed or remodeled to the point of exposing areas under the existing floor then additional removal of impacted soil may be prudent.

The second historic UST located at the southeast of the existing warehouse was unknown until discovered during this assessment. Impacts from this historic structure appear to be confined to soil that is readily accessible by excavation. Removal of the impacted soil would be prudent to be conducted as a voluntary cleanup that is completed as part of the redevelopment of the project site.

The source of perchloroethene in soil and soil vapor is unknown at this time. The highest concentrations of the compound was found in the location of the UST at the southeast corner of the building. Soil vapor sampling indicates that PCE is also present along the southern end of the project site property suggesting that it may be migrating in utility conduits. Indoor air sampling confirms that PCE is also present in indoor air of the existing building. There is a potential for ongoing impacts to indoor air from the perchloroethene; however design elements of the structure could include several options for engineering control or remediation including replacement of the concrete floor with the inclusion of a vapor seal to prevent migration of vapors, design features including an open element design of the structure to ensure air exchange and/or mitigation of the vapor source. Consideration could also include a vapor mitigation barrier and trench plugs for all utility conduits entering the existing building.

A number of properties were identified in the general area of the project site as having environmental issues. A review of these properties indicates that environmental issues at these identified sites have been resolved for regulatory closure requirements and are seen as posing a minimal risk to the project site property.

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Purpose	1
1.2	Scope of Work	2
1.3	Significant Assumptions	2
1.4	Limitations, Exceptions, and Deviations.....	2
1.5	Special Terms and Conditions	3
1.6	User Reliance	3
1.7	Reason for Performing Phase I ESA	3
2.0	SITE DESCRIPTION	3
2.1	Location and Legal Description.....	3
2.2	Site Characteristics	4
2.3	Current Use of the Property	4
2.4	Physical Setting	4
	2.4.1 TOPOGRAPHY.....	4
	2.4.2 GEOLOGIC SETTING.....	4
	2.4.3 SURFACE WATER BODIES/FLOODPLAINS	5
	2.4.4 HYDROGEOLOGY	5
2.5	Description of Structures, Roads and Improvements.....	5
2.6	Current Adjoining Properties.....	5
3.0	USER PROVIDED INFORMATION	5
3.1	Title Records.....	5
3.2	Environmental Liens or Activity and Use Limitations (AULs)	6
3.3	Owner, Property Manager, and Occupant Information.....	6
3.4	Valuation Reduction for Environmental Issues	6
3.5	Previous Environmental Reports	6
4.0	RECORDS REVIEW	6
4.1	Environmental Records Sources	6
4.2	Project Site	9
	4.2.1 PROPERTIES WITHIN THE APPROXIMATE MINIMUM SEARCH DISTANCE .	11
	4.2.2 ORPHAN SITES.....	12
4.3	Additional Environmental Records Sources - Interviews & Regulatory Agency Reviews	12
	Physical Setting Sources	14
4.4	Historical Use Information for the Project site	14
	4.4.1 HISTORICAL SUMMARY.....	14
	4.4.2 HISTORICAL AERIAL PHOTOGRAPHS.....	15
	4.4.3 SANBORN FIRE INSURANCE MAPS.....	16
	Historical Use Information for Adjoining Properties	17
5.0	SITE RECONNAISSANCE	17

5.1	Methodology and Limiting Conditions	17
5.2	Current Use of the Property	17
5.3	Exterior Observations	17
5.4	Interior Observations.....	18
5.5	Hazardous Substances and Petroleum Products	18
5.5.1	ODORS	18
5.5.2	POOLS OF LIQUID	18
5.5.3	DRUMS	18
5.5.4	UNIDENTIFIED SUBSTANCE CONTAINERS	18
5.5.5	INTERIOR STAINS OR CORROSION	18
5.5.6	DRAINS AND SUMPS.....	18
5.5.7	PITS, PONDS OR LAGOONS.....	18
5.5.8	STAINED SOIL OR PAVEMENT.....	18
5.5.9	SOLID WASTE	18
5.5.10	STRESSED VEGETATION.....	18
5.5.11	WELLS.....	18
5.5.12	SEPTIC SYSTEMS	19
5.5.13	ELECTRICAL TRANSFORMERS	19
5.5.14	UNDERGROUND STORAGE TANKS	19
5.5.15	ABOVEGROUND STORAGE TANKS	19
5.5.16	UTILITIES	19
5.5.17	FILL MATERIALS	19
5.6	Non-Scope Observations.....	19
5.6.1	ASBESTOS.....	19
5.6.2	LEAD PAINT	19
5.6.3	RADON.....	19
6.0	PHASE II ENVIRONMENTAL SITE ASSESSMENT	20
6.1	Geophysical Survey	20
6.2	Drilling and Sample Collection	20
6.3	Composite Soil Sampling.....	21
6.4	Soil Vapor and Sub-Slab Vapor Probe Installation and Sampling.....	22
6.5	Concrete Slab Surface Sampling.....	24
6.6	Indoor and Outdoor Air Sampling	24
6.7	Laboratory Testing.....	25
7.0	PHASE II INVESTIGATION FINDINGS	25
7.1	Geophysical Survey	25
7.2	Discrete Soil and Groundwater Grab Analytical Results	26
7.3	Composite Soil Sample Results.....	27
7.4	Soil Vapor and Sub-Slab Vapor Probe Installation and Sampling.....	28
7.5	Concrete Slab Surface Sample Results.....	28
7.6	Indoor and Outdoor Air Sampling	29
8.0	DISCUSSION	29

9.0	CONCLUSIONS/RECOGNIZED ENVIRONMENTAL CONDITIONS.....	31
10.0	NON-SCOPE CONSIDERATIONS	31
	Non-Scope Considerations.....	31
	Additional Services	31
11.0	CONCLUSIONS AND RECOMMENDATIONS	32
12.0	REFERENCES	33

APPENDICES

- Appendix A: Figures
- Appendix B: Environmental Lien and Activity Use Limitation Report
- Appendix C: EDR Radius Map Report
- Appendix D: Site Documentation
- Appendix E: Historical Photograph
- Appendix F: Historic Aerial Photographs
- Appendix G: Sanborn Fire Insurance Maps
- Appendix H: Lead and Asbestos Survey Results
- Appendix I: Soil Boring Logs
- Appendix J: Field Data Sheets
- Appendix K: Geophysical Survey Results
- Appendix L: Tables
- Appendix M: Certified Analytical Reports
- Appendix N: Professional Qualifications

1.0 INTRODUCTION

The following report presents the findings of a Phase I & II Environmental Site Assessment (ESA) performed by EBA Engineering for properties located at 3, 9 and 15 North Street located in Healdsburg, California. The property includes three parcels of land that are further identified as Sonoma County Assessor Parcel Numbers (APN's) 002-173-021, 002-173-002, and 002-173-003, respectively, hereinafter referred to as the project site. This ESA was completed for the City of Healdsburg (Client) in conformance with American Society of Testing and Materials (ASTM) Standard Practice E1527-13.

1.1 PURPOSE

The purpose of this environmental site investigation is to assess the possible contamination of the project site with hazardous or toxic substances or wastes. A site may contain these substances or wastes as a result of current or past site activities, unauthorized dumping or disposal, or migration of contaminants from adjacent or nearby properties.

The Client should be aware that strict interpretation of California and federal legislation and case law may hold the landowner responsible for any toxic liability including future cleanup costs and, potentially, historical assessments and remediation work on the project site. Such statement is not motivated by any condition of the project site but is a general observation of the advisability that property owners and purchasers exercise all appropriate diligence and alertness to hazardous material risks.

This report is not intended to provide the necessary level of detail to be utilized for structural demolition/remodeling or soil or groundwater remediation. For such activities, appropriate regulations should be followed to ensure adequate coverage of material handling, worker and employee safety, airborne contamination during construction, and the precise extent of any contamination for contractor directions. This report conforms to ASTM Standards E 1527-13 for Phase I Environmental Site Assessments.

In defining a standard of good commercial and customary practice for conducting an environmental site assessment, the goal of the processes established by this practice is to identify recognized environmental conditions, historical recognized environmental conditions and controlled recognized environmental conditions. The term recognized environmental conditions (RECs) refers to the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term historic REC refers to a past release of a hazardous substance or petroleum hydrocarbons that has occurred in connection to the property and has been addressed to the satisfaction of applicable regulatory agencies without restricting use of the property or requiring controls. The term controlled REC refers to a past release of a hazardous substance or petroleum hydrocarbons that has occurred in connection to the property and has been addressed to the satisfaction of applicable regulatory agencies and allowed to remain in place subject to the implementation of required controls. The term includes hazardous substances or

petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

By performing a Phase I ESA of a parcel of real estate with respect to the range of contaminants within the scope of the CERCLA (42 U.S.C. §9601) and petroleum products, a user satisfies one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability.

1.2 SCOPE OF WORK

This Phase I ESA was performed in general accordance with the requirements of the ASTM International Designation: E 1527-13, *Standard Practice for Environmental Site Assessment*. To determine the condition of the project site with respect to environmental liability, EBA performed the following tasks:

- 1) Reviewed past and current land use for indications of the manufacture, generation, use, storage, and/or disposal of hazardous substances;
- 2) Evaluated the potential for on-site soil and/or groundwater contamination resulting from past and present project site land use activities and, to the extent possible, adjacent off-site operations;
- 3) Rendered findings and professional opinions regarding the potential for environmental contamination at the project site; and
- 4) Recommended and performed targeted investigations (i.e., Phase II ESA), to evaluate whether contamination and/or environmental hazards exist at the locations identified.

1.3 SIGNIFICANT ASSUMPTIONS

No significant assumptions were made during the performance of this Phase I ESA.

1.4 LIMITATIONS, EXCEPTIONS, AND DEVIATIONS

Local, State, and Federal environmental regulations and property conditions can vary significantly over time. Consequently, the conclusions and recommendations presented as a result of this environmental site assessment apply strictly to the environmental regulations and property conditions existing at the time EBA performed this study. EBA assumes that the data obtained and the inferences made during this investigation are reasonable and representative of the property.

EBA makes no warranty, expressed or implied, except that our services have been performed in accordance with generally accepted existing environmental engineering, health and safety principles, and applicable regulations at the time and location of the study. EBA has analyzed the available information using currently applicable engineering techniques.

Please be advised that the recommendations presented herein are based solely on information made available to EBA by others, and includes professional interpretations based on limited research and data. Based on these circumstances, the decision to conduct additional investigative work to substantiate the findings and conclusions presented herein is the sole responsibility of the Client.

No Exceptions or Deviations occurred from the ASTM Standard.

1.5 SPECIAL TERMS AND CONDITIONS

This Phase I and Phase II ESA was conducted in accordance with our executed contract.

Authorization for access to the project site was provided by Mr. Mark Themig of the City of Healdsburg.

1.6 USER RELIANCE

This report has been prepared solely for the Client and any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

Please note pursuant to Section 4.6 of the ASTM Standard E 1527-13 for Phase I Environmental Site Assessments, this report is valid for 180 days from the date noted herein.

1.7 REASON FOR PERFORMING PHASE I ESA

It is our understanding that this Phase I ESA was performed as part of environmental due diligence to support the potential redevelopment of the project site property.

2.0 SITE DESCRIPTION

2.1 LOCATION AND LEGAL DESCRIPTION

The project site property consists of three developed property parcels located within the developed commercial business district of the City of Healdsburg, California. The properties are identified as Sonoma County APNs 002-173-021, 002-173-002, and 002-173-003 and are 0.47, 0.20 and 0.38 acres in size, respectively. The project site contains a single commercial structure that is 12,032 square feet in size that is present on the western side of the site and occupies the property parcel identified as APN 002-173-021. The remaining two parcels consist of paved parking and landscaping. Figure 1, Appendix A shows the location of the project site. Figure 2, Appendix A shows the project site boundaries, as shown on the current tax assessor's map. Figure 3, Appendix A shows an aerial view of the project site.

The following presents project site specific information:

Site Name:	Cerri Property
Site Address:	3, 9 and 15 North Street, Healdsburg, California
Tax Assessor Parcel No:	002-173-021, 002-173-002, and 002-173-003
Owner:	City of Healdsburg
Site Occupants:	Unoccupied
Lot Size:	0.47 acres (APN 002-173-021) 0.20 acres (APN 002-173-002) 0.38 acres (APN 002-173-003)
Zoning:	Downtown Commercial (CD)
County:	Sonoma
USGS Quadrangle:	Healdsburg, California
Latitude and Longitude:	N 38° 36' 43.20" Latitude & W 122° 52' 20.64" Longitude ** approximate center of property

2.2 SITE CHARACTERISTICS

The project site consists of three land parcels that are 0.47, 0.20 and 0.38 acres in size. The western parcel is almost completely occupied by an existing unoccupied commercial warehouse structure. The central parcel is used as a gravel parking lot. The eastern parcel has been recently developed as a small native plant garden.

The project site is bound on the south by North Street, on the east by the Foss Creek culvert, on the west by a railroad right-of-way and on the north by a hotel property.

2.3 CURRENT USE OF THE PROPERTY

The western parcel is almost completely occupied by an unoccupied commercial structure. The central property parcel is used as a gravel parking lot. The eastern parcel has been developed as a small native plant garden.

2.4 PHYSICAL SETTING

2.4.1 TOPOGRAPHY

The project site has minimal topographic relief and is located at an approximate elevation of 100 feet above mean sea level.

2.4.2 GEOLOGIC SETTING

The project site is located at the southern end of the Dry Creek Valley, which is one of the numerous northwest trending topographic and geologic features of the California Coast Range Geomorphic Province. The hills and mountains that border the valley consist of volcanic, sedimentary and metamorphic bedrock. Alluvium derived from the stream erosion on the upland terrain has filled much of the valley and underlies the project site. The alluvium of this area is Quaternary to Holocene in age and consists of unconsolidated clay, silts, sands, and gravel. The thickness of these sediments is unknown, but is estimated to be up to 150 feet thick in the Dry Creek Valley.

2.4.3 SURFACE WATER BODIES/FLOODPLAINS

The Foss Creek culvert, which was constructed to channelize Foss Creek, is located adjacent to the project site at the eastern boundary.

A review of the Federal Emergency Management Agency Flood Insurance Rate Map (Area #060378; available on the City of Healdsburg website; <http://www.ci.healdsburg.ca.us/>) indicates that the portions of project site along the Foss Creek culvert are located within the 100-year flood plain.

2.4.4 HYDROGEOLOGY

Subsurface investigations conducted at the project site indicate the presence of sand-silt-clay mixtures to depths of at least 30 feet below the ground surface (BGS). Groundwater at the project site has been documented to exist at depths between approximately five and 25 feet BGS. The groundwater flow direction has been documented to be towards the south to southwest.

2.5 DESCRIPTION OF STRUCTURES, ROADS AND IMPROVEMENTS

The project site consists of three parcels of the land located in the commercial business district of Healdsburg. The western portion of the project site property contains an unoccupied commercial warehouse building. The building is reported to be 12,032 square feet in size and is raised approximately 3.5 feet above the surrounding grade. The building's perimeter foundation is concrete and a concrete slab is located throughout most of the building. The building is constructed of steel trusses and wood framing and has corrugated metal roofing and siding.

Historic documentation reviewed as part of this assessment indicates the central and eastern portions of the project site formerly contained residential structures, but these structures have been demolished over time. The central portion of the project site is currently used as a parking lot, while the eastern portion has been developed as a native plant garden.

The paved/gravel parking lot located in the central portion of the project site is accessed from North Street.

2.6 CURRENT ADJOINING PROPERTIES

Properties adjoining the project site include a developed hotel property to the north. A North Coast Railroad Authority right-of-way is located to the west and the Foss Creek culvert is located to the east. To the east of the Foss Creek culvert are residential parcels, a restaurant property and Foss Street. North Street is located to the south of the project site.

3.0 USER PROVIDED INFORMATION

3.1 TITLE RECORDS

Title records were reviewed for the project site at the Sonoma County Recorder's Office.

3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS (AULs)

A review of Title information was performed using available public documents from the Sonoma County Recorder's Office. In addition, EBA contacted Environmental Data Resources (EDR) of Southport, Connecticut, to conduct an Environmental Lien and AUL search for the project site property. No environmental liens or Use Limitations were noted in record information reviewed for this assessment. The Environmental Lien and AUL search is included as Appendix B.

3.3 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

Title to the project site property is currently held by the City of Healdsburg. The property is currently unoccupied.

3.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The ASTM Standard requires an evaluation of environmental issues that would result in a devaluation of the property. There are issues of environmental concern at the project site identified as part of this assessment that could affect the full and fair use and value of the project site property. However these issues are not fully defined at this time and it would be speculative to give an opinion regarding a reduction of property value in relation to these issues.

3.5 PREVIOUS ENVIRONMENTAL REPORTS

Information for several subsurface environmental investigations at the project site associated with a former underground fuel storage tank (UST) were reviewed as part of this assessment. This information is discussed in detail in the following sections of this report.

4.0 RECORDS REVIEW

4.1 ENVIRONMENTAL RECORDS SOURCES

EBA contacted Environmental Data Resources (EDR) of Southport, Connecticut, to conduct a comprehensive Federal, state and local environmental records search for the project site and properties within a one-mile radius of the project site boundary. The purpose of the database search was to identify potential exposure to the subject property from various environmental concerns and/or hazardous materials releases. The following databases and environmental programs are included in the database search:

- National Priority List
- Proposed National Priority List Sites
- NPL Federal Superfund Liens
- National Priority List Deletions
- CERCLIS Comprehensive Environmental Response, Compensation, & Liability Information System
- Federal Facility Site Information listing
- CERC-NFRAP CERCLIS No Further Remedial Action Planned
- CORRACTS Corrective Action Report

- RCRA-TSDF RCRA - Treatment, Storage and Disposal
- RCRA-LQG RCRA - Large Quantity Generators
- RCRA-SQG RCRA - Small Quantity Generators
- RCRA-CESQG RCRA - Conditionally Exempt Small Quantity Generator
- US ENG CONTROLS Engineering Controls Sites List
- US INST CONTROL Sites with Institutional Controls
- LUCIS Land Use Control Information System
- ERNS Emergency Response Notification System
- RESPONSE State Response Sites
- ENVIROSTOR EnviroStor Database
- SWF/LF Solid Waste Information System
- SLIC Statewide SLIC Cases
- INDIAN LUST Leaking Underground Storage Tanks on Indian Land
- UST Active UST Facilities
- AST Aboveground Petroleum Storage Tank Facilities
- INDIAN UST Underground Storage Tanks on Indian Land
- FEMA UST Underground Storage Tank Listing
- VCP Voluntary Cleanup Program Properties
- INDIAN VCP Voluntary Cleanup Priority Listing
- US BROWNFIELDS A Listing of Brownfields Sites
- ODI Open Dump Inventory
- DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
- WMUDS/SWAT Waste Management Unit Database
- SWRCY Recycler Database
- HAULERS Registered Waste Tire Haulers Listing
- INDIAN ODI Report on the Status of Open Dumps on Indian Lands
- US Clandestine Drug Labs
- HIST Cal-Sites Historical Calsites Database
- SCH School Property Evaluation Program
- Toxic Pits Toxic Pits Cleanup Act Sites
- CDL Clandestine Drug Labs
- US HIST CDL National Clandestine Laboratory Register
- CA Facility Inventory Database
- SWEEPS UST Listing
- LIENS 2 CERCLA Lien Information
- LIENS Environmental Liens Listing
- DEED Deed Restriction Listing
- 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 data from FirstSearch
- RCRA NonGen / NLR RCRA - Non Generators

- DOT OPS Incident and Accident Data
- DOD Department of Defense Sites
- FUDS Formerly Used Defense Sites
- CONSENT Superfund (CERCLA) Consent Decrees
- ROD Records Of Decision
- UMTRA Uranium Mill Tailings Sites
- US MINES Mines Master Index File
- TRIS Toxic Chemical Release Inventory System
- TSCA Toxic Substances Control Act
- FIFRA/ TSCA Tracking System Federal Insecticide, Fungicide, & Rodenticide Act
- HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing
- SSTS Section 7 Tracking Systems
- ICIS Integrated Compliance Information System
- PCB Activity Database System
- Material Licensing Tracking System
- Radiation Information Database
- Facility Index System/Facility Registry System
- RCRA Administrative Action Tracking System
- RMP Risk Management Plans
- CA Bond Expenditure Plan
- NPDES Permits Listing
- Cortese Hazardous Waste & Substances Sites List
- CUPA Listings CUPA Resources List
- Proposition 65 Records
- DRYCLEANERS Cleaner Facilities
- Well Investigation Program Case List
- Enforcement Action Listing
- San Mateo County Business Inventory
- EMI Emissions Inventory Data
- INDIAN RESERV Indian Reservations
- State Coalition for Remediation of Drycleaners Listing
- Coal Combustion Residues Surface Impoundments List
- EnviroStor Permitted Facilities Listing
- Financial Assurance Information
- PCB Transformer Registration Database
- Financial Assurance Information Listing
- PROC Certified Processors Database
- EPA WATCH LIST
- 2020 Corrective Action Program List
- Lead Smelter Sites
- Aerometric Information Retrieval System Facility Subsystem
- WDS Waste Discharge System
- PRP Potentially Responsible Parties

- Medical Waste Management Program Listing
- COAL ASH DOE Steam-Electric Plant Operation Data
- Registered Hazardous Waste Transporter Database
- EDR Proprietary Manufactured Gas Plants
- EDR US Hist Auto Stat EDR Exclusive Historic Gas Stations
- EDR US Hist Cleaners EDR Exclusive Historic Dry Cleaners
- RGA LF Recovered Government Archive Solid Waste Facilities List
- RGA LUST Recovered Government Archive Leaking Underground Storage Tank

The Environmental Record Search (ERS) consists of a map showing the location of the identified sites relative to the project site, a summary listing the identified sites by street names, and a final report describing the sources investigated and the resulting findings. It should be noted that the findings are those noted on the regulatory database(s) and that accuracy and completeness of record information varies among information sources, including government sources. The ERS findings are supplemented by interviews with owners/occupants/employees, and local government officials. Agency records review and historical data review are also used to ascertain the potential environmental significance of sites reported in the ERS. Results of the record search are presented in Appendix C.

The ERS identified the project site property in several environmental databases. Several properties were identified within a one-mile radius of the project site as having environmental concerns which are discussed herein.

4.2 PROJECT SITE

The project site property is identified on several environmental databases and in regulatory agency files as having practices and activities of environmental concern. The following provides information related to several of these issues and concerns.

The project site property is identified in several regulatory agency databases and files due to the use and subsequent investigation and remediation of a former underground fuel storage tank (UST). Available information reviewed at the North Coast Regional Water Quality Control Board (NCRWQCB) indicates that a UST with a capacity of approximately 500 gallons was removed from the northeast side of the existing warehouse building in June 1990. The UST was reportedly used for the storage of gasoline. The date of UST installation was not reported. Soil samples collected at the time the UST was removed indicated the presence of petroleum hydrocarbons in soil which confirmed that the UST had leaked gasoline.

Due to the release of petroleum hydrocarbons from the UST, a soil excavation was conducted in July 1990 in an effort to remove accessible impacted soil in the vicinity of the UST. The soil excavation was conducted under the supervision of Baseline Environmental Consulting of Petaluma, California with oversight from the NCRWQCB and the Healdsburg Fire Department. It is reported that an area measuring approximately 19 feet by 12 feet was excavated to a depth of 8.5 feet in an effort to remove accessible contaminated soil. Observations and soil samples collected at the conclusion of the soil excavation indicated that accessible impacted soil was removed from the southern and eastern portions of the

excavation, but that inaccessible petroleum impacted soil remained beneath the warehouse building to the west and north of the excavation. In addition a sample of groundwater that seeped into the excavation pit was reportedly collected from the excavation pit which laboratory testing indicated had been impacted by the release from the former UST. Further details regarding the UST removal and the subsequent soil excavation are included in Baseline's summary report (Appendix D).

In 1993, a subsurface investigation of the former tank location was conducted by EBA. The investigation included the installation of a groundwater monitoring well adjacent to the former UST and two piezometers to the northeast and southeast of the former UST in the assumed downgradient direction towards Foss Creek. Initial sampling of the monitoring well indicated no petroleum hydrocarbons were detected in the soil or groundwater samples collected during this investigation; however, it was subsequently determined that the groundwater flow direction at the project site was to the south to southwest away from Foss Creek. Based on the southwesterly groundwater flow direction calculated during the initial subsurface investigation, EBA conducted an additional investigation in 1994 that included the installation of five soil borings and an additional groundwater monitoring well which were installed at locations adjacent to and southwest of the former UST. Results of this investigation indicated moderate concentrations of soil and groundwater impacts at locations immediately adjacent to the former UST. The monitoring well, which was installed approximately 70 feet to the southwest of the UST, did not indicate the presence of petroleum hydrocarbons in groundwater.

Based on the information gathered during the soil excavation, the two subsurface investigations and subsequent groundwater monitoring and sampling, EBA concluded that the soil and groundwater impacts were adequately defined and confined to inaccessible locations beneath the existing warehouse building. The NCRWQCB agreed with these conclusions and the regulatory case was conditionally closed in a letter dated February 1997. A copy of the closure letter, as well as the summary reports for the subsurface investigations, is included in Appendix D.

The project site property is also identified in the RCRA-SQG and FINDS databases as being a small quantity generator of hazardous materials and/or wastes. This designation appears likely due to the storage and sales of herbicides, pesticides, fertilizers and pool chemicals at the project site by the Purity Chemical Product Company. Purity Chemical reportedly occupied the existing warehouse at the project site from approximately 1975 to 2006 using it for sales and storage. Inspection records for the business operations were available and reviewed at the Healdsburg Fire Department for the operations at the project site by Purity Chemical. These files indicate that the Purity Chemical facility was inspected periodically beginning in the mid-1970's up until the operations at the project site ceased. No violations or issues of concern were noted in the available information. The fact that the operations at the project site were overseen by applicable regulatory agencies is seen as a point of compliance and not necessarily as posing an environmental risk.

It should be noted that a records search conducted at the Healdsburg Historic Museum included historic photographs of the project site property dating back to the mid-1950's. Importantly, a photograph from 1955 or 1956 shows what appears to be a vehicle fuel dispenser and associated vent piping located outside the southeast corner of the existing

warehouse building. It should be further noted that there are no operating or removal records of a UST in this location of the project site during this time period. In addition, the previously discussed UST and dispenser associated with the LUST investigation described above was located approximately 125 feet north of the dispenser shown in the photograph, indicating that it is unlikely that the fuel dispenser was supplied fuel by the known UST. Active investigation of this area was proposed and performed as part of this assessment. The results of the investigation are discussed in the following sections of this report. A copy of the photograph is included in Appendix E.

4.2.1 PROPERTIES WITHIN THE APPROXIMATE MINIMUM SEARCH DISTANCE

Many near site properties were identified in EDR Radius Map Report as having environmental concerns within the minimum search distance from the project site property as required by ASTM Standard 1527-13. Several near site properties are also identified in regulatory agency files and databases as having environmental concerns. The following presents information for relevant near site properties.

Eric & Mary Drew – 423 Foss Street

Although this case was designated “423 Foss Street”, the associated environmental issues were actually located within Foss Creek at a location north of this address. The exact location of the site was not clear in files reviewed at the NCRWQCB, but it is likely located adjacent to the northeast portion of the project site property. During the early 1990’s, petroleum hydrocarbon odors were encountered in Foss Creek sediments during work associated with the channelization of the creek bed. In 1991, two soil samples were collected to characterize the impacted sediments. In general, the soil samples indicated the presence of low to moderate concentrations of heavy range hydrocarbons. The NCRWQCB indicated that the source may be associated with a former Shell-branded bulk fuel plant and/or nearby leaking UST sites. Limited amounts of soil were reportedly removed and disposed of during the subsequent creek channelization work and no further work was required by the NCRWQCB. Given the available information, it appears the identified property poses a minimal threat to the project site property.

Tony’s Auto Parts – 437 Healdsburg Avenue

The property located at 437 Healdsburg Avenue is located approximately 250 feet northeast of the project site. Available files reviewed at the NCRWQCB indicate the property as a leaking UST site. The property reportedly served as a gasoline station until approximately 1959, at which time the USTs were reportedly filled with water. In 1988, four USTs were reportedly removed from the property and it was determined that an unknown amount of petroleum hydrocarbons had been released. Subsequent soil and groundwater investigations and monitoring were subsequently conducted at the site between approximately 1990 and 1993 which reportedly indicated only minor groundwater impacts. However, beginning in 1993, contaminant concentrations appeared to increase at the property. It was determined that the increasing concentrations were possibly due to an upgradient, off-site source. Following additional monitoring which indicated that groundwater impacts had returned to low to non-detectable levels, the NCRWQCB closed the case in 2003. Given the available information, it appears the identified property poses a minimal threat to the project site property.

Additional Sites

A review of additionally identified properties indicates that a majority of the sites are located southeast of the project site on Healdsburg Avenue corridor. Several of the identified sites have completed investigations with regulatory oversight related to having investigations related to historic or leaking USTs or are identified as generators of hazardous materials and/or waste. Given the details provided above, all of the additional sites are seen as posing a minimal risk to the project site property.

4.2.2 ORPHAN SITES

EDR orphan site designation indicated insufficient address information for an identified site to be plotted. EBA reviewed the Orphan Sites identified in the Radius Map Report. The project site is not identified in the Orphan Summary.

4.3 ADDITIONAL ENVIRONMENTAL RECORDS SOURCES - INTERVIEWS & REGULATORY AGENCY REVIEWS

Supplemental interviews and research were performed based on findings from the environmental records search. The interview and research process targeted both project site and regulatory personnel and regulatory agencies in an attempt to ascertain the nature and status of known environmental issues. Regulatory agencies and individuals contacted during the information review process included:

- Mr. Mark Themig – City of Healdsburg
- Ms. Beth Lamb – North Coast Regional Water Quality Control Board
- Ms. Linda Collister – Healdsburg Fire Department
- Mr. Bob Dilworth – Purity Chemical Products Company
- Healdsburg Fire Department
- Healdsburg Building Department
- Healdsburg Planning Department
- Healdsburg Historical Museum
- Sonoma County Assessor's Office
- Sonoma County Recorder's Office
- Sonoma County Department of Health Services
- Sonoma County Permit & Resource Management Department
- Sonoma County Office of the Agricultural Commissioner
- North Coast Regional Water Quality Control Board
- California Department of Toxic Substances Control
- California State Water Resources Control Board Geotracker Web Site
- California Department of Toxic Substances Control Envirostor Website

Requests for information regarding the project site were submitted to the regulatory agencies listed above. The findings from the file reviews are as follows:

HEALDSBURG FIRE DEPARTMENT

Files associated with the removal of the UST in 1990 from the project site were reviewed at this agency. In addition, CUPA files associated with the Purity Chemical Products Company from the mid-1970's to early 2000's were reviewed at this agency. The files indicated numerous inspections, inventory lists, inventory layout maps and other information related to the facility. No violations were noted.

HEALDSBURG BUILDING DEPARTMENT

Minimal files related to the development of the project site were reviewed at this agency.

HEALDSBURG PLANNING DEPARTMENT

Minimal files related to the development of the project site were reviewed at this agency.

HEALDSBURG HISTORIC MUSEUM

Historical documentation regarding the initial development and use of the project site was reviewed at the Healdsburg Museum. Early newspaper articles detailed the warehouse construction and the changes in warehouse ownership over time. In addition, historical photographs were available that showed the project site property as early as the 1950's.

SONOMA COUNTY ASSESSOR'S OFFICE

Development and tax records were reviewed at the Sonoma County Assessor's Office. No significant data gaps were noted within the available information.

SONOMA COUNTY RECORDER'S OFFICE

Recorded deeds and other relevant site documentation were reviewed at the Sonoma County Recorder's Office. No environmental liens or deed restrictions were noted in the available information.

SONOMA COUNTY DEPARTMENT OF HEALTH SERVICES

Information associated with the UST investigation/remediation at the project site was reviewed at this agency.

SONOMA COUNTY PERMIT & RESOURCE MANAGEMENT DEPARTMENT

Planning and permitting files dating from the 1960's to the present were reviewed at this agency.

SONOMA COUNTY OFFICE OF THE AGRICULTURAL COMMISSIONER

No files were available for review at this agency.

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

Information regarding the UST investigation at the project site was available at this agency.

CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL

No files were available for the project site property at this agency.

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD GEOTRACKER WEB SITE DATABASE

The project site was identified at this database due to the UST investigation. Several surrounding sites were identified and the information was found to be duplicative of the sites identified in the EDR Radius Map Report.

CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL ENVIROSTOR WEB SITE DATABASE

The Envirostor web site was consulted to determine if either the project site or surrounding properties were identified in this environmental database as having environmental concerns. Neither the project site nor any near site properties were identified.

PHYSICAL SETTING SOURCES

Several sources of information were reviewed to establish the physical setting of the project site property including the following:

- Google Earth
- USGS Topographic Maps
- Published Geologic references

4.4 HISTORICAL USE INFORMATION FOR THE PROJECT SITE

The history of the project site was researched to ascertain the past use from the present back to the property's first developed use. Reasonably ascertainable historical information sources were reviewed to determine the history of the project site property. The following historical sources were reviewed as part of this assessment:

- Historical aerial photographs
- Historical Maps and research
- Interviews with persons knowledgeable about the project site.

4.4.1 HISTORICAL SUMMARY

Initial development of the project site property appears to have occurred prior to 1920, when at least one residence existed on the western side of the project site in the current location of the existing warehouse. In the early 1920's, the Cerri family reportedly purchased the project site property and moved the residence to a different location. The existing warehouse was then reportedly constructed for use as a grocery warehouse.

In the early 1930's, the Cerri family reportedly went bankrupt and the existing building was purchased for use in fruit packing. The building was also reportedly used to distribute sugar during prohibition. Between the 1930 and the mid-1970's the project site appears to have been used exclusively for fruit and nut packing and distribution by companies including the Rosenberg Brothers & Company and Del Monte. Fruit and sugar was likely delivered to and from the warehouse by a railroad spur located adjacent to the project site.

In the mid-1970's, the Purity Chemical Products Company (Purity) purchased the warehouse structure for use in distribution and storage of agricultural products such as fertilizer, herbicides and pesticides. In addition, pool and spa chemicals were reportedly

stored and distributed from the property by Purity. Interviews with current Purity employees indicate that chemical manufacturing did not take place at the project site facility and the site was used for storage and sales of these products. It is unclear if agricultural chemicals were loaded or unloaded by Purity using the railroad spur. Purity operated at the project site until approximately 2006, when the property was purchased by the City of Healdsburg.

In addition to the commercial warehouse, residential structures historically occupied the central and eastern portions of the project site property from prior to 1920 until the early 2000's when the structures were removed reportedly due to their dilapidated condition. Following the removal of the residential structures, the City of Healdsburg constructed a native plant garden along the eastern edge of the project site property in the mid-2000's.

It appears that the history of the project site is well known with few data gaps. Due to the passage of time there is a lack of historic records regarding warehouse ownership at the project site; however, given the documented history of the project site, the data gaps are seen as insignificant.

4.4.2 HISTORICAL AERIAL PHOTOGRAPHS

Historical aerial photographs were obtained from Environmental Data Resources for the years 1942, 1952, 1965, 1974, 1982, 1993, 1998, 2005, 2006, 2009, 2010 and 2012. Aerial photographs can indicate changes in land use of a site over time. The following presents our findings from a review of the available photographs.

1942 PHOTOGRAPH

The 1942 photograph indicates the project site as a commercial and residential property with structures on each of the parcels. The warehouse is clearly visible on the western side of the project site while several residential structures and outbuildings are evident at the central and eastern portions of the project site property. North Street is visible along the southern edge of the project site. The City of Healdsburg appears to the southeast of the project site, while the areas to the west appear to be agricultural fields. The project site is bordered on the west by a north-south railroad right-of-way. A bulk fuel plant is located adjacent to the project site property to the north and at least four large fuel tanks are visible to the northeast of the warehouse building.

1953 PHOTOGRAPH

The 1953 photograph indicates no significant changes to the project site property from the 1942 photograph. The surrounding area appears generally unchanged.

1965 PHOTOGRAPH

The 1965 photograph indicates no significant changes to the project site property from the 1953 photograph. Additional development is visible to the north, and new residential and commercial development is visible to the west of the project site.

1974 PHOTOGRAPH

The 1974 photograph indicates no changes to the project site from the 1965 photograph. The bulk fuel plant immediately to the north of the project site appears to have been decommissioned and the large fuel tanks have been removed. The surrounding land use

remains generally unchanged.

1982 PHOTOGRAPH

The 1982 photograph is of very poor quality and does not provide useful information.

1993 PHOTOGRAPH

The 1993 photograph indicates no significant changes to the project site from the 1974 photograph except that some of the residential outbuildings on the central and eastern portion of the project site are no longer visible. Commercial development is visible to the west and the greater surrounding area in general shows additional development.

1998 PHOTOGRAPH

The 1998 photograph indicates few changes from the 1993 photograph. The property to the west of the project site to be under construction.

2005 PHOTOGRAPH

The 2005 photograph indicates that the residential structures and outbuildings have been removed from the project site. The eastern half of the project site appears to be used as a parking lot. The surrounding area appears with additional commercial development to the northwest of the project site.

2006 PHOTOGRAPH

The 2006 photograph indicates few changes from the 2005 photograph. The surrounding area appears unchanged.

2009 PHOTOGRAPH

The 2009 photograph indicates few changes from the 2006 photo. The surrounding area appears generally unchanged.

2010 PHOTOGRAPH

The 2010 photograph indicates no changes from the 2009 photo. The surrounding area appears generally unchanged.

2012 PHOTOGRAPH

The 2012 photograph indicates the project site as it exists today. The adjacent and surrounding land parcels appear unchanged.

Aerial photographs are included in Appendix F.

4.4.3 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance Maps (Sanborn Maps) were obtained from Environmental Data Resources for the years 1923, 1941 and 1950. Sanborn Maps can indicate changes in land use over time. The following presents our findings from a review of the available maps.

1923 MAP

The 1923 Sanborn Map shows the existing warehouse labelled “Cerri Bros.” on the western side of the project site. Several dwellings and outbuildings are also depicted as being present on the eastern portion of the project site. Loading ramps and scales are depicted as being present and associated with the warehouse. The bulk fuel plant (Shell Oil) is shown immediately north of the project site property.

1941 MAP

The 1941 Sanborn Map shows no changes to the project site property from the 1923 map with the exception that the warehouse is now labelled as “Rosenberg Bros. and Co. Dried Fruit”. The surrounding properties appear generally unchanged.

1950 MAP

The 1953 shows no changes to the project site property from the 1941 map.

Copies of the Sanborn Maps are included in Appendix G.

HISTORICAL USE INFORMATION FOR ADJOINING PROPERTIES

Historic research was ascertained for adjoining properties by reviewing the historical documents referenced above.

5.0 SITE RECONNAISSANCE

5.1 METHODOLOGY AND LIMITING CONDITIONS

EBA personnel conducted an initial site reconnaissance of the project site on September 3, 2015. The site reconnaissance entailed viewing the project site and the surrounding areas. The project site was inspected to observe the property and to identify discernible or potential environmental concerns. In addition, a reconnaissance of adjacent properties was performed to confirm surrounding land use and conditions. Information was obtained by interviews with knowledgeable individuals regarding the past and current uses of the project site. No limitations were encountered to limit the extent of the property inspection. Findings from the site reconnaissance activities are summarized in the following sections.

5.2 CURRENT USE OF THE PROPERTY

The warehouse portion of the project site is unoccupied. The primary use of the project site is for parking. A native plant garden exists at the eastern portion of the project site along Foss Creek.

5.3 EXTERIOR OBSERVATIONS

Exterior portions of the project site were inspected for this assessment. The warehouse exterior consists of weathered galvanized steel and is in fair condition. The greater area of the project site was observed to be generally clean and free of debris.

5.4 INTERIOR OBSERVATIONS

The interior of the warehouse consists of wood and steel truss framing that appears to be in fair condition. The concrete slab was observed to be cracked and displaced and in generally poor condition.

5.5 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

No hazardous substances and/or petroleum products were observed during the site reconnaissance.

5.5.1 ODORS

No odors were observed at the project site during the site reconnaissance.

5.5.2 POOLS OF LIQUID

No pools of free liquid were observed at the project site during the site reconnaissance.

5.5.3 DRUMS

No drums were observed at the project site during the site reconnaissance.

5.5.4 UNIDENTIFIED SUBSTANCE CONTAINERS

Several small unlabeled containers of unidentified substances were observed in the shed that formerly housed the fuel dispenser on the northeast side of the existing warehouse. It is our understanding these materials were to be removed by the City of Healdsburg.

5.5.5 INTERIOR STAINS OR CORROSION

Minor rust and corrosion of the metal framing members of the warehouse was evident.

5.5.6 DRAINS AND SUMPS

No drains or sumps were observed at the project site during the site reconnaissance.

5.5.7 PITS, PONDS OR LAGOONS

No pits, ponds or lagoons were observed at the project site during the site reconnaissance.

5.5.8 STAINED SOIL OR PAVEMENT

No stained soil or pavement was observed during the site reconnaissance.

5.5.9 SOLID WASTE

No solid waste was observed at the project site during the site reconnaissance.

5.5.10 STRESSED VEGETATION

No areas of stressed vegetation were observed on the project site during the site reconnaissance.

5.5.11 WELLS

No wells were observed at the project site during the site reconnaissance.

5.5.12 SEPTIC SYSTEMS

No septic system was observed at the project site during the site reconnaissance. The project site is reportedly connected to the City of Healdsburg sanitary sewer system.

5.5.13 ELECTRICAL TRANSFORMERS

No electrical transformers were observed at the project site during the site reconnaissance.

5.5.14 UNDERGROUND STORAGE TANKS

The project site historically was the location of at least one underground fuel storage tank. As noted previously, a historical photograph dating from 1955 provides evidence of an earlier generation UST. No evidence of additional USTs was observed during site reconnaissance.

5.5.15 ABOVEGROUND STORAGE TANKS

No aboveground fuel tanks were observed during the site reconnaissance.

5.5.16 UTILITIES

Natural gas transmission service, sanitary sewer, water, telecommunication and storm drain conduits appears to be present along the southern boundary of the project site.

5.5.17 FILL MATERIALS

The existing warehouse building is raised approximately three to four feet above surrounding grade. It is assumed that imported fill material was used at the time of construction in the early 1920's. The origin of the fill material is unknown. It is reported that clean import fill was used to backfill soil excavations associated with the former UST.

5.6 NON-SCOPE OBSERVATIONS

5.6.1 ASBESTOS

Based on the age of the existing warehouse, it is suspected that asbestos containing material may be present. As a result an asbestos survey was conducted at the project site warehouse which indicated asbestos containing material is present in several locations. Copy of the assessment report is included in Appendix H.

5.6.2 LEAD PAINT

Based on the age of the existing warehouse, it is suspected that lead based paint may be present. A lead paint survey was conducted at the project site warehouse which indicated the presence of lead based paint in several locations at the project site. A copy of the assessment report is included in Appendix H.

5.6.3 RADON

The U.S. Environmental Protection Agency Radon Zone Classification for Sonoma County is 3, which is defined as having a low potential to have radon concentration less than 2 picocuries per liter (pCi/L). The U.S. EPA action level for radon is 4.0 pCi/L. Based on the radon concentration information, it is unlikely that radon abatement activities would be required at the project site.

6.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT

Based on the recognized environmental conditions identified during this assessment and as discussed herein, a Phase II Environmental Site Assessment (Phase II ESA) was conducted at the project site. Details of this work are detailed below in the following subsections.

In general the purpose of the Phase II ESA was to further assess the project site property and characterize the following Items:

1. Determine if there is or was a second UST and/or buried piping near the southeast corner of the warehouse;
2. Collect soil, groundwater, and soil vapor samples in the vicinity of the known former UST located at the northeastern portion of the building to verify existing conditions;
3. Collect soil, groundwater, and soil vapor samples in the vicinity of the suspected UST and fuel dispenser at the southeast corner of the warehouse;
4. Assess the quality and content of the fill material beneath the warehouse;
5. Assess the quality and content of the native soil beneath the warehouse at the fill material/native soil interface;
6. Assess shallow soil to the west and east of the warehouse at suspected material loading/unloading zones;
7. Assess the condition of soil and groundwater at the northern property boundary adjacent to the former Shell-branded bulk fuel plant located directly north of the project site;
8. Assess sub-slab vapor conditions beneath the warehouse concrete slab;
9. Assess the surface of the warehouse concrete slab; and
10. Assess indoor air conditions within the warehouse.

6.1 GEOPHYSICAL SURVEY

In an effort to aid in the characterization of Item 1, a geophysical survey (survey) was conducted on October 12, 2015 by NORCAL Geophysical Consultants, Inc. of Cotati, California. The purpose of the survey was to identify any evidence of magnetic anomalies and/or buried metallic objects indicative of a buried UST at the southeast corner of the existing warehouse. The geophysical survey was conducted as a field survey prior to drilling in the immediate area of the suspected historic UST location and included the use of a metal detector, ground penetrating radar and electromagnetic line-locating.

6.2 DRILLING AND SAMPLE COLLECTION

In an effort to aid in the characterization of Items 2 through 7, EBA conducted a drilling program at the project site for the purpose of collecting soil and groundwater samples for chemical analysis. Prior to the start of drilling activities, the drilling locations were marked for Underground Service Alert (USA) in order to locate subsurface utilities. A drilling permit was also obtained from the County of Sonoma Department of Health Services – Environmental Health Division.

On October 19 and 20, 2015, EBA personnel supervised National EWP, Inc. (National) of Richmond, California in the installation of 20 soil borings (SB-1 through SB-20) at the location shown on Figure 4, Appendix A. The drilling was performed using a track-mounted dual-wall direct-push drill rig. During drilling, a continuous soil core was extracted from each soil boring in 5-foot long by 2-inch diameter butyrate tubes. The subsurface lithology was logged using the Unified Soil Classification System (USCS) and is presented on the soil boring logs included in Appendix I. The soil samples collected from the soil borings were screened for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID). The PID readings obtained during the field screening were recorded on the soil boring logs.

Selected soil samples collected for the purpose of chemical analyses were extracted from the butyrate tubes using six-inch long by two-inch diameter stainless steel tubes, which were then sealed, capped, labeled and placed under refrigerated conditions pending transport under Chain-of-Custody (C-O-C) to K Prime, Inc. (K Prime) of Santa Rosa, California. K Prime is a State-certified analytical laboratory for the analyses required during this investigation.

Soil cuttings generated during the drilling activities were containerized and retained in properly labeled DOT 17H 55-gallon steel drums. These drums currently remain onsite pending characterization and disposal.

The drill rig tooling and sampling equipment were cleaned between boreholes to minimize the possibility of cross contamination. The equipment was steam-cleaned with a power sprayer or washed with an Alconox® detergent solution and rinsed with potable water. Following sample collection, each of the soil borings were backfilled with cement grout to grade. Water generated during the decontamination activities was retained and transferred into a properly labeled DOT-17H 55-gallon steel drum.

Groundwater grab samples were also collected from selected soil borings (SB-2, SB-6, SB-8 and SB-15). Prior to sampling, groundwater levels were measured in each selected soil boring and recorded on the soil boring logs included in Appendix I. Groundwater grab samples were collected from the boreholes using temporary polyvinyl chloride (PVC) well casings and a peristaltic pump. The groundwater samples were then transferred directly into sterile laboratory-supplied containers. The containers were then sealed, capped, labeled, and placed under refrigerated conditions pending transport under C-O-C protocols to K Prime.

6.3 COMPOSITE SOIL SAMPLING

In order to characterize fill and native materials in the area of the warehouse (Items 4 and 5) composite soil sampling techniques were utilized. Specific sampling and analysis protocols are outlined below:

- The soil (i.e., fill) sample “COMP-N-SHALLOW” refers to a composite soil collected from the northern half of the warehouse from a depth of six inches beneath the

concrete slab surface (BTS). This sample is a 4-point composite from soil borings SB-1, SB-2, SB-5 and SB-6.

- Similarly, sample “COMP-N-NATIVE” refers to a 4-point composite of soil samples collected from the same soil borings listed in the previous bullet at the fill/native soil interface at depths between seven and eight feet BTS.
- “COMP-S-SHALLOW” and “COMP-S-NATIVE” are 4-point composite samples collected from beneath the southern half of the warehouse from soil borings SB-7, SB-8, SB-11 and SB-12.
- A 2-point composite sample (“COMP-W-SHALLOW”) from soil borings SB-4 and SB-10 was used to characterize shallow soil at suspected loading/unloading zones to the west of the warehouse at depths between 0.5 and two feet below ground surface (BGS).
- A 3-point composite sample (“COMP-E-SHALLOW”) from soil borings SB-3, SB-9 and SB-13 was used to characterize shallow soil at suspected loading/unloading zones to the east of the warehouse at depths between 1.5 and two feet BGS.

6.4 SOIL VAPOR AND SUB-SLAB VAPOR PROBE INSTALLATION AND SAMPLING

Soil and sub-slab soil vapor conditions were assessed by installing soil vapor and sub-slab soil vapor probes at several locations within the project site. Details of the probe installations and sampling are presented below.

On October 15 and 20, 2015, EBA and/or National personnel installed two soil vapor probes (SV-1 and SV-2) and three sub-slab vapor probes (P-1 through P-3) at the locations shown on Figure 4, Appendix A. In addition, due to circumstances described below, five additional soil vapor probes (SV-3 through SV-7) and two additional sub-slab vapor probes (P-4 and P-5) were installed on December 23, 2015.

Installation procedures for the soil vapor probes consisted of advancing a four-inch diameter borehole to a maximum depth of approximately five feet BGS/BTS using a hand auger. Each of the soil vapor probes was then installed to a depth of five feet BTS/BGS. The soil vapor probes were constructed in accordance with the details presented in below in Table A.

Probe ID	TABLE A Soil Vapor Probe Construction Details				
	Borehole Diameter	Total Depth of Probe	Bentonite Grout	Dry Bentonite Chips	#3 Monterey Sand
	(Inches)		(Inches BGS/BTS)		
SV-1 through SV-7	4	60	0-42	42-48	48-60

BGS/BTS = Below Ground Surface/Below Slab Surface

Upon reaching the target depth, each soil vapor probe was constructed with an AMS[®] stainless steel vapor tip connected to 1/4-inch diameter Teflon[®]-type tubing. The vapor tip was enclosed within the sand interval presented above in Table A. Dry bentonite chips and bentonite grout was placed above the sand interval to the ground surface. Following sampling, the probe and upper six inches of the bentonite grout was removed and each borehole was patched to grade with asphalt patch or concrete, as appropriate to match existing surface conditions.

The sub-slab vapor probes, in turn, consisted of Vapor Pin[®] (www.vaporpin.coxcolvin.com) technology installed per manufacturer's recommendations. In general, installation began by drilling a small diameter hole through the existing concrete slab using a rotary hammer drill. After residual concrete dust was removed to the extent possible, a stainless steel Vapor Pin[®] was installed within the hole. A silicon sleeve provides a seal between the Vapor Pin[®] and the surrounding concrete. Each Vapor Pin[®] was recessed beneath the slab surface and was protected by a cover plate assembly to facilitate future testing, if necessary.

On October 15 and 20, 2015, EBA personnel conducted soil vapor sampling activities using SV-2 and SV-1, respectively. In addition, P-1 through P-3 were sampled on October 15, 2015. Finally, SV-3 through SV-7 and P-4 and P-5 were sampled on December 23, 2015. Sampling activities were conducted in accordance with the following procedures:

- To facilitate sampling, the recessed compression fitting was connected directly to a sample train provided by K Prime. The sample train consisted of a ball valve, particulate filter, a 125-milliliter per minute (ml/min) flow regulator, a pressure/vacuum gauge, a 1-liter Summa[®] canister (sample Summa[®]), and a 6-liter Summa[®] canister (purge Summa[®]). The sample train components utilized Swagelok[®]-type stainless steel compression fittings. Individual clean sample trains were used at each sample point.
- With the ball valve and the sample Summa[®] closed, integrity testing of the sample train was performed by opening the purge Summa[®] in order to place the sample train under vacuum, then monitoring the vacuum for a 10-minute period to verify that it remained constant. This procedure was employed to confirm that the sample train could hold a vacuum (not leak) and was suitable for sampling.
- Upon confirmation of the sample train integrity, two liters of existing air were purged from the probes to ensure vapor was representative of the investigative area. The purge event was accomplished using the purge Summa[®].
- The entire sample train was then placed under a protective clear shroud, along with a second 1-liter Summa[®] canister (leak Summa[®]) equipped with a 125-ml/min flow regulator, to facilitate leak testing.
- Sampling was initiated by opening the sample Summa[®] and leak Summa[®] at the same time. During sampling, the sample train was exposed to a leak check

compound to facilitate leak testing by spraying 1,1-difluoroethane (DFA) propellant intermittently into the shroud. The leak Summa[®] thus recorded the concentrations within the shroud over the entire duration of the test in order to correlate any concentrations of DFA potentially found in the sample Summa[®].

- When the vacuum gauge indicated that approximately zero inches of mercury (Hg) (vacuum) remained in the sample Summa[®], both the sample Summa[®] and leak Summa[®] were closed, removed, capped and labeled. The sample start and end times were recorded in the field notes.
- The vapor and leak detection samples were transported under C-O-C procedures to K Prime. K Prime is a State-certified air testing laboratory for the chemical analyses performed as part of this investigation.

Further details regarding the integrity testing, purging and sampling protocol described above are included in the Field Data Sheets enclosed in Appendix J.

6.5 CONCRETE SLAB SURFACE SAMPLING

On October 15, 2015, in an effort to characterize surface conditions of the concrete slab (Item 9), EBA conducted sampling of the concrete slab surface within the warehouse. This sampling was conducted using laboratory-supplied solvent “wipes”, which were used to remove undisturbed surface material from the surface of the slab. In total, six “wipe” samples were collected and subsequently transported to K Prime for chemical analysis.

6.6 INDOOR AND OUTDOOR AIR SAMPLING

The following indoor/outdoor air sampling was conducted in an effort to characterize indoor air conditions within the warehouse (Item 10). On October 13 and 14, 2015 EBA collected indoor air samples at the three locations (A-1 through A-3) depicted on Figure 2. In addition, an outdoor sample (O-1) was also collected to determine whether analytes potentially detected in indoor air are attributable to outdoor air, as opposed to previous site activities. As shown on Figure 4, each of the indoor air sample locations were within the warehouse structure, while O-1 was collected at a location west of the warehouse. A-1, A-2 and O-3 were collected over an 8-hour time period, while A-3 was collected over a 4-hour time period. Sampling occurred at a height of approximately four feet above grade.

The following points summarize the indoor air sample collection methodologies that were employed during this investigation.

- For A-1, A-2 and O-3, a sample train was provided by K Prime, Inc., (K Prime) of Santa Rosa, California. The sample train consisted of a ball valve, particulate filter, a flow regulator calibrated for 24-hour sampling, a pressure/vacuum gauge, and a 6-liter Summa[®] canister. Individually-certified clean sample trains and Summa[®] canisters were used at each sample point. Sampling was initiated by opening the Summa[®]. When the vacuum gauge indicated that approximately zero inches of mercury (Hg) (vacuum) or when the respective sample duration period had elapsed, the canisters were closed, removed, capped and labeled. The sample start and end

times were recorded in the field notes.

- For samples A-3, a purge pump with an XAD cartridge attached to the inlet was used for sampling.
- The air samples were then transported under C-O-C procedures to K Prime. K Prime is a State-certified air testing laboratory for the chemical analyses performed as part of this investigation.

6.7 LABORATORY TESTING

The following list provides a summary of the chemical analysis conducted by K Prime as part of the Phase II ESA:

- The soil, groundwater grab, and “wipe” samples were analyzed for some or all of the following:
 - Semi-Volatile Organic Compounds (SVOCs) [screening tool for herbicides, pesticides and medium to heavy range petroleum hydrocarbons] using EPA Method 8270;
 - Volatile Organic Compounds (VOCs) [petroleum hydrocarbon constituents, chlorinated solvents] using EPA Method 8260B;
 - CAM 17 metals [agricultural chemicals] by EPA Method 3050B/6020A;
 - Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) using EPA Method 8015;
 - pH by EPA Method 9045C; and/or
 - Corrosivity, Reactivity and Ignitability (CRI) by EPA Methods 9045C, 1010, and SW846.
- The soil vapor, sub-slab vapor, indoor and outdoor air samples were analyzed for some or all of the following:
 - SVOCs using EPA Method TO-13M;
 - VOCs using EPA Method TO-15. Please note that the TO-15 analysis for indoor and outdoor air samples was conducted using Selective Ion Monitoring (SIM) acquisition mode in an attempt to achieve laboratory reporting limits (RLs) for selected analytes that are at or below the corresponding screening levels; and
 - Total Volatile Hydrocarbons as Hexane (TVH-Hexane) and DFA (leak detection compound) by EPA Method TO-3.

7.0 PHASE II INVESTIGATION FINDINGS

7.1 GEOPHYSICAL SURVEY

The geophysical survey conducted in the southeast corner of the warehouse did not indicate the presence of a buried UST, vent piping, product piping or other features that would indicate that such a structure is present at the project site. Soil and groundwater

sampling were conducted in this location following the field geophysical survey for the purpose of collecting soil and groundwater sampling. The results of the soil and groundwater sampling are discussed in the following sections. A field map showing the results of the geophysical survey is included in Appendix K.

7.2 DISCRETE SOIL AND GROUNDWATER GRAB ANALYTICAL RESULTS

Results of the subsurface investigation activities which included the collection of soil and groundwater grab samples collected as part of this investigation indicate the following:

- With regard to the soil in the vicinity of the known UST at the northeast corner of the existing building, the soil sample collected from soil boring SB-6 at a depth of 14 feet BTS (SB-6-14) exhibited gasoline range organic compounds at a concentration of 17 milligrams per kilogram (mg/kg). Tetrachloroethene was also detected in this sample at a concentration of 54.6 micrograms per kilogram (ug/kg). All remaining analytes were below the laboratory detection limit in this sample.
- With regard to the presence of an earlier generation UST at the southeastern portion of the warehouse, visual observation and chemical analysis indicates that a release of petroleum hydrocarbons has occurred at this location. A series of soil borings were installed in the immediate area of the suspected UST which included field screening soil cuttings using a PID. Selected soil samples were retained for chemical analysis from several of the borings including from soil boring SB-15 in which soil discoloration and gasoline odors were observed at depths of approximately eight to 12 feet BGS. Given these observations, soil borings SB-16 through SB-20 were advanced in areas surrounding SB-15 in an effort to further define the extent of impact and/or locate the suspected UST.

Observations and chemical analysis of soil samples collected from these additional soil borings indicate that the petroleum hydrocarbon impacts consisting of aged gasoline are generally located at depths between six and 13 feet BGS. With regard to lateral extent, the impacts were generally greatest in soil borings SB-15 though SB-17 and impacts were observed to be nonexistent or minimal in the surrounding soil borings SB-13, SB-14, and SB-18 through SB-20. Due to the presence of subsurface utility conduits (telecommunications), further definition to the south of soil borings SB-16 and SB-17 could not be conducted.

Chemical analysis of discrete soil samples collected from soil borings SB-15 and SB-16 confirmed the presence of GRO at concentrations ranging from 283 to 925 mg/kg. It should be noted that diesel range organics were also detected in these samples at concentrations ranging from 32 to 39 mg/kg. In addition, several gasoline-related VOCs were detected in these soil samples.

- The soil borings advanced along the northern property boundary (SB-1 through SB-3) did not indicate the presence of petroleum hydrocarbons in soil or groundwater, suggesting that the former Shell-branded bulk fuel plant did not impact the project

site.

- The soil samples collected during the advancement of soil boring SB-6 and the soil vapor probe SV-2 indicated the presence of the chlorinated solvent VOC tetrachloroethene (PCE) at low concentrations. Further discussion regarding PCE is provided below in the soil vapor analytical results sections of this report.
- The groundwater grab samples collected during this investigation indicate either nondetectable and/or very minor concentrations of VOCs present in groundwater. Importantly, the grab groundwater grab sample collected from soil boring SB-15 in the location of the second UST location did not indicate the presence of VOCs despite the petroleum hydrocarbons detected in soil samples. This discrepancy is likely caused by the comparatively deeper groundwater when compared with the soil impact depths, as well as the fine-grained nature of the soil.

Please refer to tabulated analytical results in Tables 2 through 4 in Appendix L for soil and groundwater grab sample identification, sample depths, and the corresponding analytical results. Quality Assurance/Quality Control (QA/QC) documentation and laboratory Reporting Limits (RLs) are presented in the Certified Analytical Reports enclosed in Appendix M.

7.3 COMPOSITE SOIL SAMPLE RESULTS

Composite soil samples of fill and native materials were collected from under the existing concrete floor of the existing building and in areas to the west and east of the structure. Results of the drilling and chemical analysis of discrete soil collected as part of this investigation indicate the following:

- The composite soil samples collected during this investigation exhibited no detectable concentrations of SVOCs or VOCs.
- Although metals were detected in the composite soil samples collected during this investigation, the concentrations were at levels that may be considered background for the area of the project site. The only exception might be the concentrations of lead detected in the composite soil sample collected from shallow soil to the east of the warehouse (COMP-E-SHALLOW).
- The pH values detected in selected composite soil samples were at normal values.
- The RCI of the composite soil sample analyzed as part of this investigation did not exhibit elevated RCI values.

Please refer to Tables 1 through 3 in Appendix L for composite soil sample identification, sample depths, and the corresponding analytical results. QA/QC documentation and laboratory RLs are presented in the CARs enclosed in Appendix M.

7.4 SOIL VAPOR AND SUB-SLAB VAPOR PROBE INSTALLATION AND SAMPLING

Results of the drilling and chemical analysis of the soil vapor and sub-slab vapor samples collected as part of this investigation indicate the following:

- The soil vapor sample collected from SV-1, which was installed adjacent to the known former UST, contained low concentrations of several fuel related VOCs associated with gasoline. In addition, PCE and chloroform were detected in the sample collected from this location.
- The soil vapor sample collected from SV-2, which was installed adjacent to the suspected earlier generation UST, did not exhibit the presence of gasoline related VOCs. However, a significant concentration of PCE, as well as a low concentration of the PCE breakdown product, cis-1,2-dichloroethene (cis-,1,2-DCE), was detected in the sample collected from this location.
- The sub-slab vapor probes did not exhibit any concentrations of VOCs that would be considered significant and/or a threat to indoor air quality at the project site with the exception of P-3, which is located in the southern third of the warehouse, which exhibited PCE at a significant concentration.
- Due to the PCE detections in SV-1, SV-2, and P-3, five additional soil vapor probes (SV-3 through SV-7) and two additional sub-slab vapor probes (P-4 and P-5) were subsequently installed in an effort to further define the extent and identify possible source(s) of PCE. The analytical results of the sub-slab sampling locations did not indicate the presence of PCE in soil in the southern portion of the existing building. The analytical results of soil vapor samples collected from SV-3 through SV-7 indicates detectable concentrations of PCE is present in shallow soil vapor located along the southern boundary of the project site. The distribution of PCE vapors in soil suggest that utility conduits could be acting as preferential pathways for vapor migration. No definitive source of PCE in soil has been identified at the project site and the highest concentration detected remains at the southeast corner of the existing building in the location of second suspected UST.
- The leak detection samples collected during this investigation indicates non-detectable to low concentrations of DFA, indicating that vapor sample integrity was maintained.

Please refer to Tables 4 through 7 in Appendix L for vapor sample identification and the corresponding analytical results. QA/QC documentation and laboratory RLs are presented in the CARs enclosed in Appendix M.

7.5 CONCRETE SLAB SURFACE SAMPLE RESULTS

Analytical results of the “wipe” samples collected as part of this investigation indicate the following:

- The wipe samples collected from the concrete slab contained low concentrations of butyl benzyl phthalate and bis (2ethylhexyl) phthalate. No other concentrations of SVOCs were detected. It should be noted that several tentatively identified

compounds were also detected in the wipe samples which are not correlated to a specific compound and do not have a corresponding regulatory threshold established.

- Several metals were detected in the wipe sample designated “SLAB SURFACE”. In an effort to determine the significance of the metals detected, EBA contacted Dr. Richard Kagel, the owner and K Prime. According to Dr. Kagel, the arsenic and copper detected in the wipe sample could be due to past herbicide and pesticide storage at the warehouse. The remaining metals, in his opinion, were likely not due to previous commercial activities at the project site.

Please refer to Tables 8 and 9 in Appendix L for wipe sample identification and the corresponding analytical results. QA/QC documentation and laboratory RLs are presented in the CARs enclosed in Appendix M.

7.6 INDOOR AND OUTDOOR AIR SAMPLING

Analytical results of the indoor and outdoor air samples collected as part of this investigation indicate the following:

- The analytical results of indoor air samples collected within the existing building designated as A-1 and A-2 indicate the presence of several VOCs. However, a majority of the VOCs detected in indoor air within the building were also detected at comparable levels in outdoor air, indicating that the source of most of the VOCs is likely nearby car traffic (i.e., petroleum combustion) or other activities not associated with the project site. The exception to this characterization is the detection of PCE in sample location A-1 which was detected at a concentration of 0.163 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). In an effort to determine the significance of the detected PCE concentration, EBA compared the detected concentration with the applicable Regional Screening Level (RSL), published by the United States Environmental Protection Agency (USEPA, 2013) and modified by the California Department of Toxic Substance Control Office of Human and Ecological Risk (HERO, 2013). When compared with the RSL for commercial development, the PCE detected in A-1 does not exceed the published screening level (i.e., 0.163 $\mu\text{g}/\text{m}^3$ detected vs. RSL of 2.08 $\mu\text{g}/\text{m}^3$).
- For sample location A-3, no SVOCs were detected in indoor air.

Please refer to Tables 10 and 11 in Appendix L for air sample identification and the corresponding analytical results. QA/QC documentation and laboratory RLs are presented in the CARs enclosed in Appendix M.

8.0 DISCUSSION

The project site property appears to have been initially developed as a residential property prior to the 1920's. In the early 1920's, available information indicates the existing

warehouse was constructed on the western side of the project site to serve as a grocery warehouse. Soon thereafter, the warehouse was reportedly sold and used solely as a fruit and nut packing facility between the early 1930's and mid-1970's. In the mid-1970's, Purity purchased the warehouse and used it until the mid-2000's to store and distribute fertilizers, herbicides, pesticides and pool and spa chemicals. In the mid-2000's, the property was purchased by the City of Healdsburg and has been vacant, with exception of a parking lot, ever since.

A UST was removed from the project site in 1990 and was identified to have leaked petroleum hydrocarbons and fuel-related volatile organic compounds to the subsurface. Investigative and remedial activities consisting of soil excavation and groundwater monitoring was conducted between 1990 and 1995. In 1997, the NCRWQCB conditionally closed the case despite the presence of residual inaccessible petroleum hydrocarbons left in place beneath the warehouse.

A photograph from 1955 of the project site indicates that there was likely an earlier generation fuel dispenser and associated UST formerly located outside the southeast corner of the warehouse. No other documentation associated with the suspected UST was available.

Investigative activities recently conducted at the project site confirm that there is residual concentrations of petroleum hydrocarbons and fuel related volatile organic compounds present in the location of the UST that was removed in 1990. In addition, soil sampling conducted in the location of the second suspected UST indicates soil contamination consisting primarily of gasoline that is consistent with a release from a former UST. It is unknown at this time when the second UST was installed and/or removed from the project site.

The recent investigation activities also indicate that there is PCE present in soil in several locations at the project site. The highest concentration of PCE detected during the recent site work is present in the southeast corner of the existing building in the general location of the second UST. Soil vapor sampling indicates that PCE is also present along the southern end of the project site property suggesting that it may be migrating in utility conduits. Indoor sampling confirms that PCE is also present in indoor air of the existing building.

There is little to no indication of residual herbicides or pesticides present at the project site. Wipe samples of the concrete slab indicates that residual concentrations of metals including copper and arsenic are present on the surface of the slab.

A number of properties were identified in the general area of the project site as having environmental issues. A review of these properties indicates that environmental issues at these identified sites have been resolved for regulatory closure requirements and are seen as posing a minimal risk to the project site property.

9.0 CONCLUSIONS/RECOGNIZED ENVIRONMENTAL CONDITIONS

EBA Engineering has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the properties located at 3, 9 and 15 North Street in Healdsburg, California. Any exceptions to, or deletions from, this practice are described herein. Based on conclusions from the environmental records search, historical data review, and the site reconnaissance we find the following recognized environmental conditions at the project site property:

- The release from the UST formerly located on the northeast side of the existing building has resulted in residual soil contamination present under the existing building.
- Soil sampling conducted as part of this investigation confirms that a UST was likely present at the southeastern corner of the existing building that released hydrocarbons to the environment. Soil contamination is present within this area of the project site.
- The presence of PCE in soil and soil vapor poses a potential risk to the project site. PCE is present in soil vapor and indoor air within the existing building. No source of the PCE was determined by the current investigation activities.

10.0 NON-SCOPE CONSIDERATIONS

NON-SCOPE CONSIDERATIONS

The following environmental issues are outside the scope (non-scope considerations) of the standard practice defined by ASTM Standard Practice E 1527-13:

- Regulatory Compliance;
- Cultural and Historic Resources;
- Industrial Hygiene;
- Health and Safety;
- Ecological Resources;
- Endangered Species;
- High Voltage Power Lines;
- Biological Agents; and
- Mold

EBA identified no ASTM non-scope considerations/RECs in connection with the project site that represent potential business environmental risk but are outside the standard scope of services prescribed by ASTM Standard Practice E 1527-13.

ADDITIONAL SERVICES

No additional services beyond the standard scope of services prescribed by ASTM Standard Practice E 1527-13 were requested by the Client.

11.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the information contained herein, EBA recommends the following:

- As discussed herein the historic UST formerly located on the northeast side of the existing building was investigated and remediated to the extent feasible and granted regulatory closure by the NCRWQCB in 1992. Given the documented petroleum hydrocarbons remaining in soil at this location, EBA recommends that contaminated soil be removed to the extent possible if this area were to become accessible during any future redevelopment of the project site.
- With regard to the petroleum hydrocarbon impacts detected at the location of the second earlier generation UST at the southeast corner of the warehouse, EBA recommends the results of this investigation should be transmitted to the NCRWQCB. Although the documented impacts do not appear to have impacted groundwater, the impacted soil should be removed by excavation to the extent practical.
- With regard to the PCE impacts documented in soil, soil vapor, sub-slab soil vapor, and indoor air EBA recommends that design elements of the building be considered to mitigate vapor sources. These elements could include several options including replacement of the concrete floor with the inclusion of a vapor seal to prevent migration of vapors, design features including an open element design of the structure to ensure air exchange and/or mitigation of the vapor source. Consideration could also include a vapor mitigation barrier and trench plugs for all utility conduits entering the existing building.
- We further recommend that given that PCE concentrations are generally highest in the area of the second UST location at the southeast corner of the building where there has been demonstrated soil impacts from petroleum hydrocarbons, soil remediation for hydrocarbons could also help abate PCE in this area.
- With regard to the arsenic and copper detected on the slab within the warehouse, EBA recommends that the slab be cleaned by appropriate personnel, sealed, and/or removed as part of any redevelopment of the project site. It should be noted that any material generated as part of cleaning and/or removal should be properly characterized and disposed of at an appropriate facility. It is expected that cleaning of the slab would remove residual concentrations of metals. Replacement of the slab would completely abate the issue.
- Present the findings from the work discussed in this assessment to applicable regulatory agencies and consult with the agencies to formulate a plan to mitigate and/or remediate the impacts to the site as part of the redevelopment of the project site. The work could be conducted as a voluntary cleanup that is proposed in a work plan and be conducted during redevelopment of the project site during construction. Cleanup objectives and outcomes can be set forth in the planning process and allow for the efficient remediation of the existing impacts.

12.0 REFERENCES

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1947	Environmental Data Resources
1965	Environmental Data Resources
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1982	Environmental Data Resources
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2012	Environmental Data Resources

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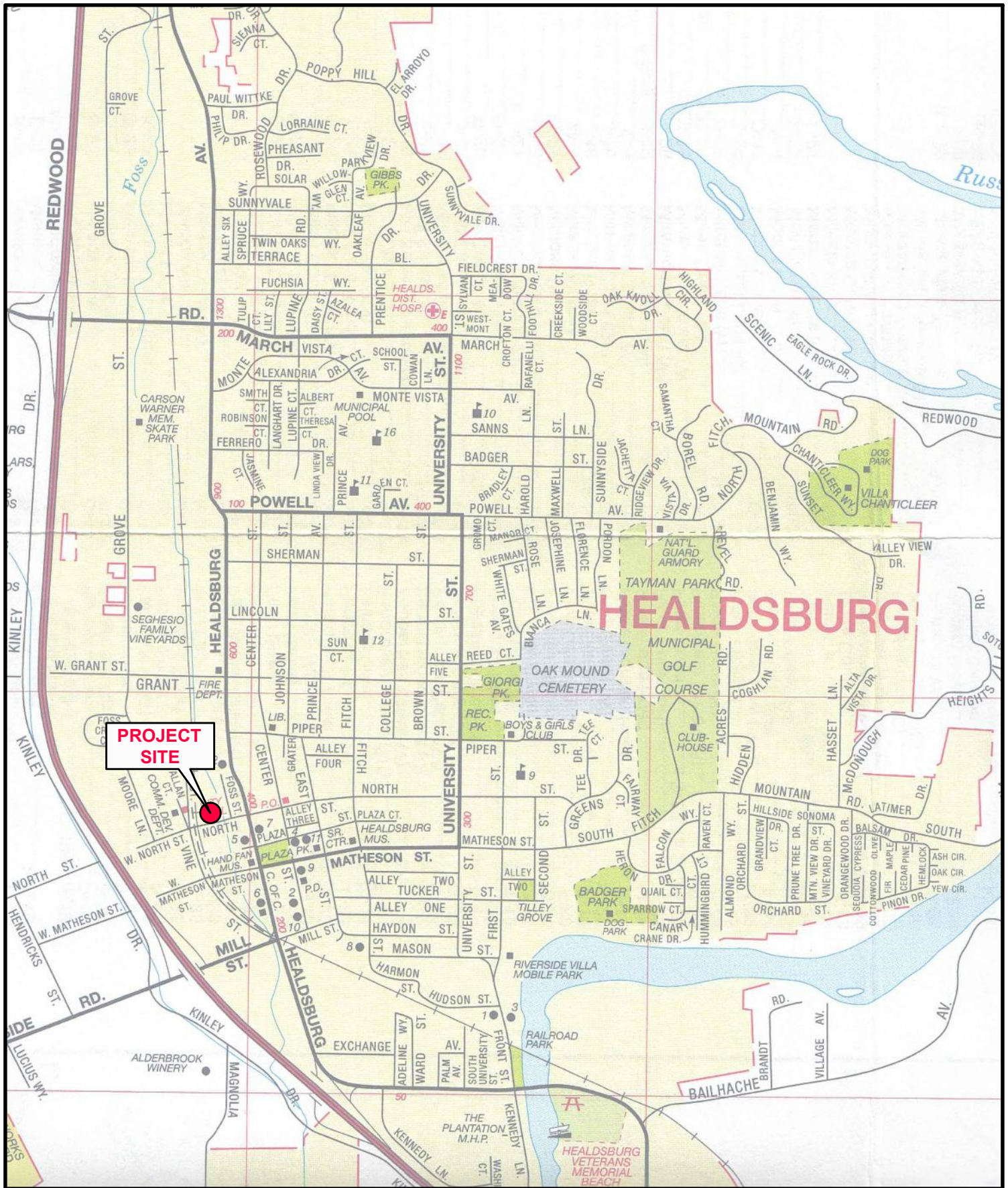
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APPENDIX A

FIGURES



LOCATION MAP

CERRI SITE
 3, 9 & 15 NORTH STREET
 HEALDSBURG, CALIFORNIA

FIGURE

1

15--2212

MOCK'S SURVEY TOWN OF HEALDSBURG

REC. 04-02-1857 IN BK. B , MAPS, PGS.657-00

Parcel Map No. 10

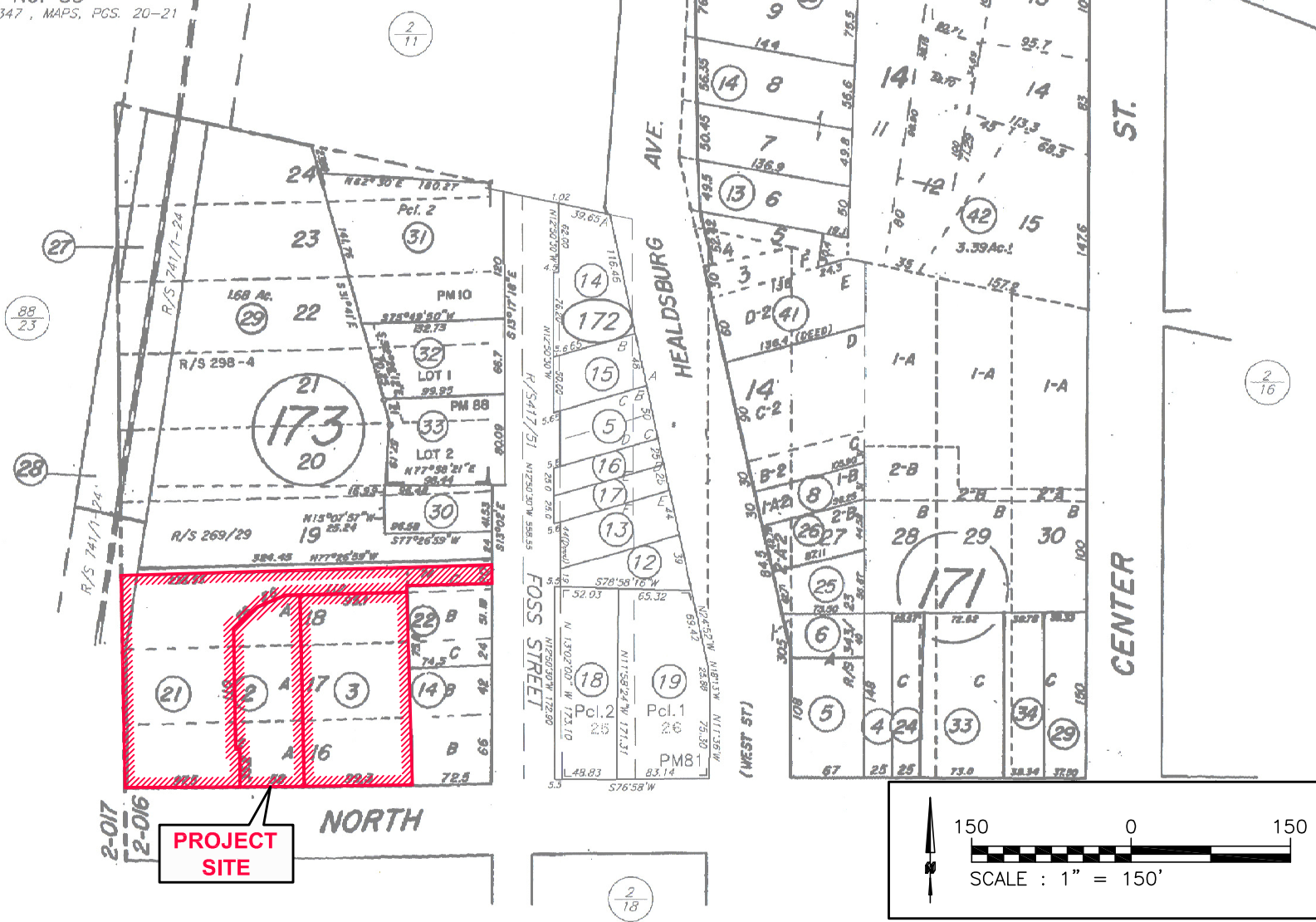
REC. 05-30-1973 IN BK.190 , MAPS, PGS. 12

Parcel Map No. 81

REC. 08-20-1981 IN BK.325 , MAPS, PGS. 18-19

Parcel Map No. 88

REC. 07-21-1983 IN BK.347 , MAPS, PGS. 20-21



825 SONOMA AVENUE
SUITE C
SANTA ROSA, CA 95404
TEL: (707) 544-0784

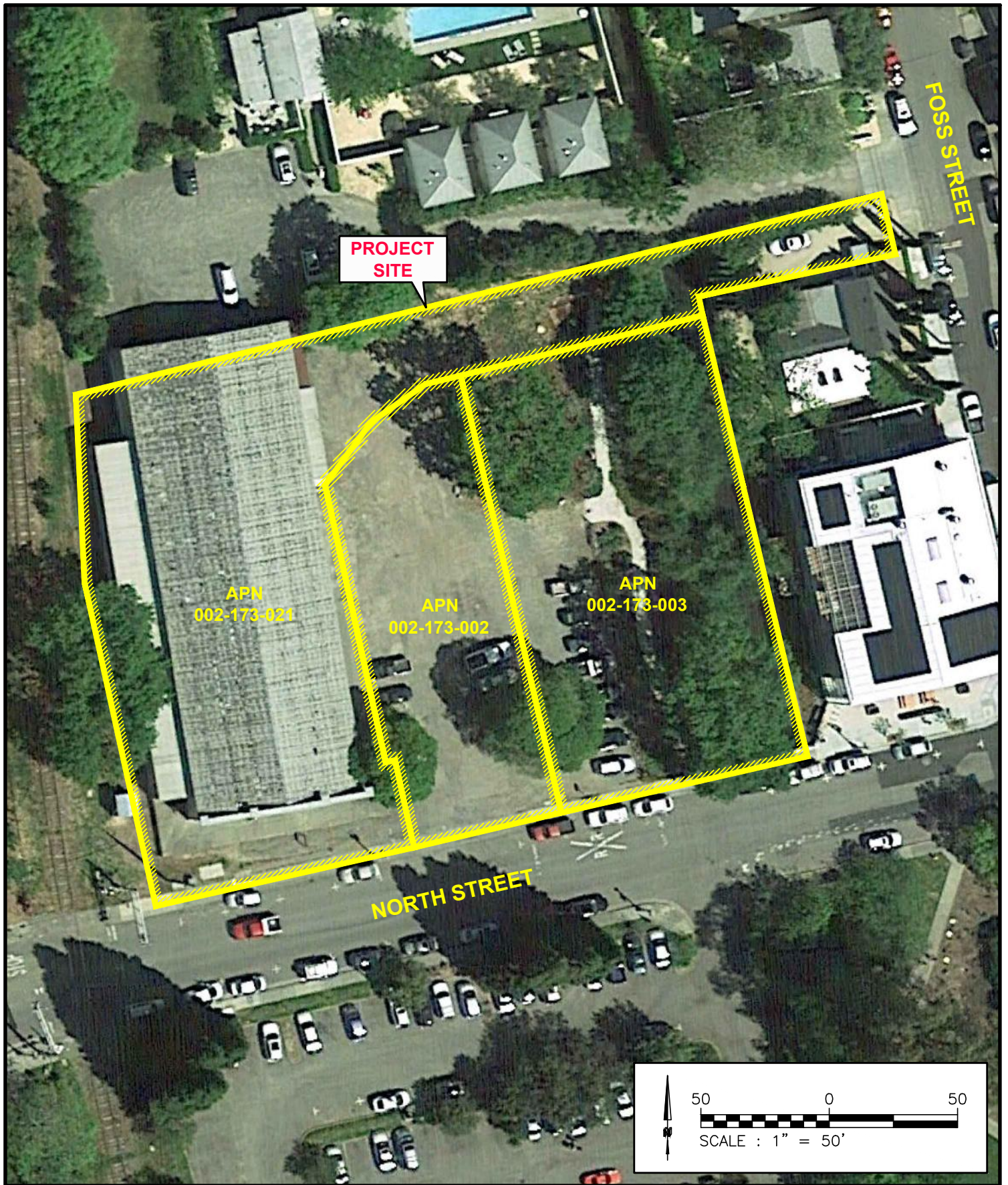
ASSESSORS PARCEL MAP

CERRI SITE
3, 9 & 15 NORTH STREET
HEALDSBURG, CALIFORNIA

FIGURE

2

15--2212



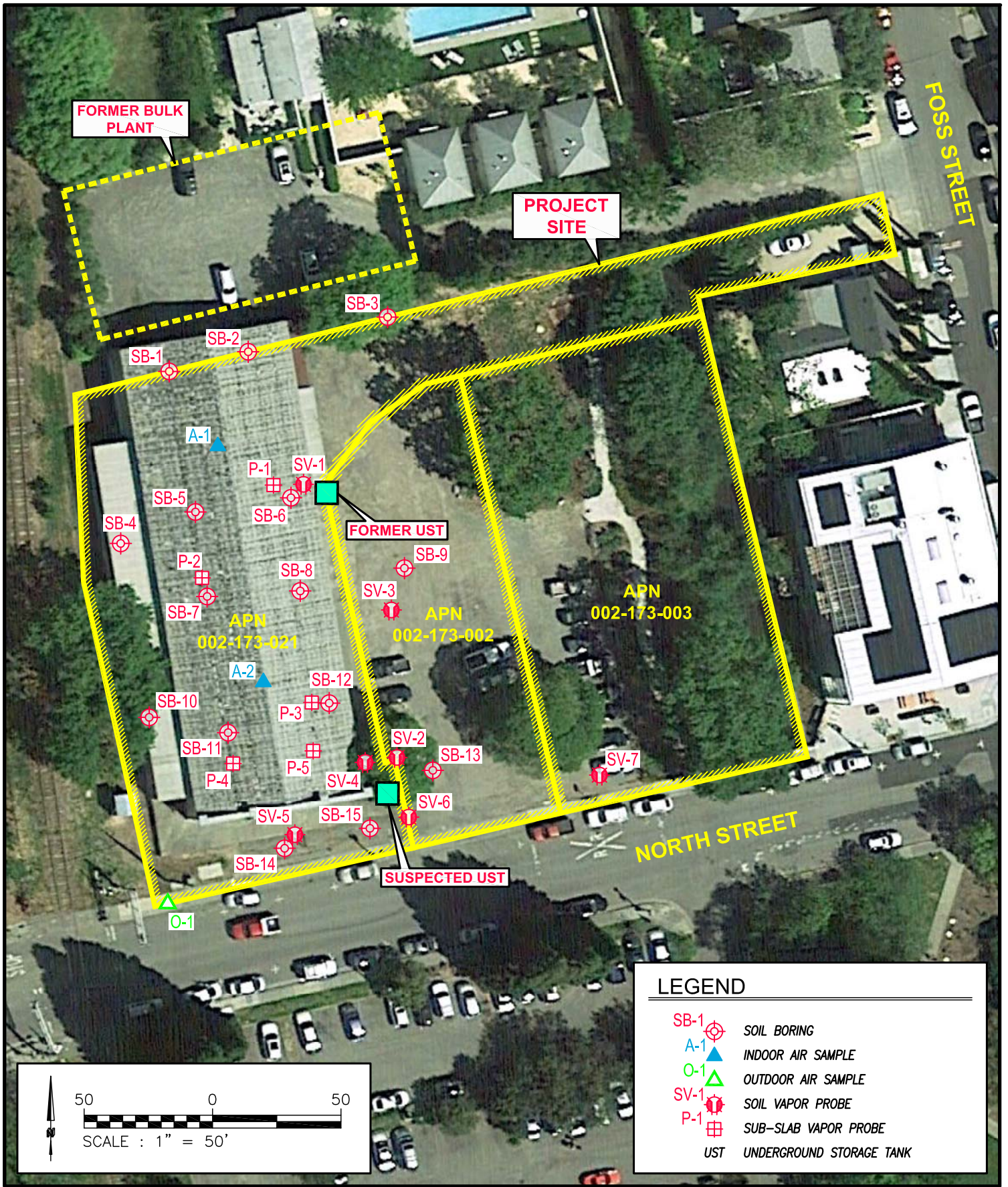
ASSESSORS PARCEL MAP

CERRI SITE
3, 9 & 15 NORTH STREET
HEALDSBURG, CALIFORNIA

FIGURE

3

15-2212



EBA
ENGINEERING

825 SONOMA AVENUE
SUITE C
SANTA ROSA, CA 95404
TEL: (707) 544-0784

SITE MAP

CERRI SITE
3, 9 & 15 NORTH STREET
HEALDSBURG, CALIFORNIA

FIGURE
4
15-2212

APPENDIX B
TITLE INFORMATION

CERRI SITE

3 NORTH STREET
Healdsburg, CA 95448

Inquiry Number: 4390300.7
August 25, 2015

EDR Environmental Lien and AUL Search

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

3 NORTH STREET
CERRI SITE
Healdsburg, CA 95448

RESEARCH SOURCE

Source 1:

Sonoma Recorder
Sonoma, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed: deed
Title is vested in: City of Healdsburg
Title received from: Redevelopment Agcy
Deed Dated: 3/16/2011
Deed Recorded: 3/17/2011
Book: NA
Page: na
Volume: na
Instrument: na
Docket: NA
Land Record Comments:
Miscellaneous Comments:

Legal Description: See Exhibit

Legal Current Owner: City of Healdsburg

Parcel # / Property Identifier: 002-173-002, 002-173-003, 002-173-021

Comments: See Exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found Not Found

Deed Exhibit 1

**RECORDING REQUESTED BY
AND WHEN RECORDED MAIL TO:**

City of Healdsburg
401 Grove Street
Healdsburg, CA 95448
Attention: City Manager

EXEMPT FROM RECORDING FEES PER
GOVERNMENT CODE §§6103, 27383

The grantor and the grantee in this conveyance
are comprised of the same parties who continue
to hold the same proportionate interest in the
property, Revenue & Taxation Code §11925



HEALDSBURG CITY
03/17/2011 08:36 DEED
RECORDING FEE: \$0.00
PAID

2011024558

OFFICIAL RECORDS OF
SONOMA COUNTY
JANICE ATKINSON

10 PGS



(SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE)

**APN: 002-173-002, 002-173-003
and 002- 173-021**

GRANT DEED

For valuable consideration, the receipt and sufficiency of which are hereby acknowledged,
The Redevelopment Agency of the City of Healdsburg, a public agency ("**Grantor**")
acting to carry out the Sotoyome Community Development Plan ("**Redevelopment Plan**") for
redevelopment purposes pursuant to the Community Redevelopment Law of the State of California,
hereby grants and conveys to City of Healdsburg, a municipal corporation ("**Grantee**"),
the real property (the "**Property**") located in the City of Healdsburg at 9, 15 and 3 North Street,
designated as Sonoma County Assessor's Parcel Numbers 002-173-002, 002-173-003, and 002-
173-021, respectively, and more particularly described in Exhibit A attached hereto and
incorporated into this grant deed ("**Grant Deed**").

1. Disposition and Development Agreement. The Property is conveyed subject to the Redevelopment Plan and that certain unrecorded Disposition and Development Agreement entered into by and between Grantor and Grantee dated March 15, 2011 ("**Agreement**").
2. Use Restrictions. Grantee hereby covenants and agrees, for itself and its successors and assigns, that Grantee and such successors and assigns shall begin and diligently prosecute to completion the redevelopment of the Property in accordance with the Agreement, including without limitation the provisions of the Agreement that require the Property to be developed or further developed consistent with the requirements of the Redevelopment Plan, the Implementation Plan adopted in connection therewith, and the Healdsburg General Plan.
3. Restrictions on Use of Proceeds. Grantee covenants and agrees that the Property and any improvements thereon will be used for the purposes of timely redevelopment as set forth in the Agreement and not for speculation in landholding. Grantee covenants and agrees that Grantee

shall deposit all proceeds that Grantee receives from the sale or lease of the Property or any part thereof into a restricted fund, and shall use such proceeds solely for the construction, installation and maintenance of public improvements within the Sotoyome Community Development Project Area or to increase, improve or preserve the City of Healdsburg's supply of housing available at affordable housing cost to low- and moderate-income households.

4. Nondiscrimination. Grantee shall not restrict the rental, sale, lease, sublease, transfer, use, occupancy, tenure or enjoyment of the Property, or any portion thereof, on the basis of race, color, religion, creed, sex, sexual orientation, disability, marital status, ancestry, or national origin of any person. Grantee covenants for itself and all persons claiming under or through it, and this Grant Deed is made and accepted upon and subject to the condition that there shall be no discrimination against or segregation of any person or group of persons on account of any basis listed in subdivision (a) or (d) of Section 12955 of the Government Code, as those bases are defined in Sections 12926, 12926.1, subdivision (m) and paragraph (1) of subdivision (p) of Section 12955, and Section 12955.2 of the Government Code, in the sale, lease, sublease, transfer, use, occupancy, tenure or enjoyment of the Property or part thereof, nor shall Grantee or any person claiming under or through Grantee establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use or occupancy of tenants, lessees, subtenants, sublessees or vendees in, of, or for the Property or part thereof.

All deeds, leases or contracts made or entered into by Grantee, its successors or assigns, as to any portion of the Property or any improvements thereon shall contain the following language:

(a) In Deeds, the following language shall appear:

"(1) Grantee herein covenants by and for itself, its successors and assigns, and all persons claiming under or through it, that there shall be no discrimination against or segregation of a person or of a group of persons on account of any basis listed in subdivision (a) or (d) of Section 12955 of the Government Code, as those bases are defined in Sections 12926, 12926.1, subdivision (m) and paragraph (1) of subdivision (p) of Section 12955, and Section 12955.2 of the Government Code, in the sale, lease, sublease, transfer, use, occupancy, tenure or enjoyment of the property herein conveyed nor shall the grantee or any person claiming under or through the grantee establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use or occupancy of tenants, lessees, subtenants, sublessees or vendees in the property herein conveyed. The foregoing covenant shall run with the land.

"(2) Notwithstanding paragraph (1), with respect to familial status, paragraph (1) shall not be construed to apply to housing for older persons, as defined in Section 12955.9 of the Government Code. With respect to familial status, nothing in paragraph (1) shall be construed to affect Sections 51.2, 51.3, 51.4, 51.10, 51.11 and 799.5 of the Civil Code, relating to housing for senior citizens. Subdivision (d) of Section 51 and Section 1360 of the Civil Code and subdivisions (n), (o), and (p) of Section 12955 of the Government Code shall apply to paragraph (1)."

(b) In Leases, the following language shall appear:

"(1) The lessee herein covenants by and for the lessee and lessee's heirs, personal representatives and assigns, and all persons claiming under the lessee or through the lessee, that this lease is made subject to the condition that there shall be no

discrimination against or segregation of any person or of a group of persons on account of race, color, creed, religion, sex, sexual orientation, marital status, national origin, ancestry or disability in the leasing, subleasing, transferring, use, occupancy, tenure or enjoyment of the property herein leased nor shall the lessee or any person claiming under or through the lessee establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use or occupancy of tenants, lessees, sublessees, subtenants, or vendees in the property herein leased.

“(2) Notwithstanding paragraph (1), with respect to familial status, paragraph (1) shall not be construed to apply to housing for older persons, as defined in Section 12955.9 of the Government Code. With respect to familial status, nothing in paragraph (1) shall be construed to affect Sections 51.2, 51.3, 51.4, 51.10, 51.11 and 799.5 of the Civil Code, relating to housing for senior citizens. Subdivision (d) of Section 51 and Section 1360 of the Civil Code and subdivisions (n), (o), and (p) of Section 12955 of the Government Code shall apply to paragraph (1).”

(c) In Contracts, the following language shall appear:

“There shall be no discrimination against or segregation of any person or group of persons on account of any basis listed in subdivision (a) or (d) of Section 12955 of the Government Code, as those bases are defined in Sections 12926, 12926.1, subdivision (m) and paragraph (1) of subdivision (p) of Section 12955, and Section 12955.2 of the Government Code, in the sale, lease, sublease, transfer, use, occupancy, tenure or enjoyment of the property nor shall the transferee or any person claiming under or through the transferee establish or permit any such practice or practices of discrimination or segregation with reference to selection, location, number, use or occupancy of tenants, lessee, subtenants, sublessees or vendees of the land.”

5. Term of Restrictions. The covenants contained in Section 2 regarding use of the Property shall remain in effect until the date which is the expiration date of the Redevelopment Plan as in effect on the date of this Grant Deed. The covenants against discrimination contained in Section 4 shall remain in effect in perpetuity.

6. Mortgagee Protection. No violation or breach of the covenants, conditions, restrictions, provisions or limitations contained in this Grant Deed shall defeat or render invalid or in any way impair the lien or charge of any mortgage, deed of trust or other financing or security instrument permitted by the Agreement; provided, however, that any successor of Grantee to the Property shall be bound by such remaining covenants, conditions, restrictions, limitations and provisions, whether such successor's title was acquired by foreclosure, deed in lieu of foreclosure, trustee's sale or otherwise.

7. Binding On Successors. The covenants contained in Sections 2 and 4 of this Grant Deed, without regard to technical or legal classification or designation specified in this Grant Deed or otherwise, shall to the fullest extent permitted by law and equity, be binding upon Grantee and any successor in interest to the Property or any part thereof, for the benefit of Grantor, and its successors and assigns, and such covenants shall run in favor of and be enforceable by Grantor and its successors and assigns for the entire period during which such covenants shall be in force and effect, without regard to whether Grantor is or remains an owner of any land or interest therein to which such covenants relate. In the event of any breach of any of such covenants, Grantor and

its successors and assigns shall have the right to exercise all rights and remedies available under law or in equity to enforce the curing of such breach.

8. Enforcement. Grantor shall have the right to institute such actions or proceedings as it may deem desirable to enforce the provisions set forth herein. Any delay by Grantor in instituting or prosecuting any such actions or proceedings or otherwise asserting its rights hereunder shall not operate as a waiver of or limitation on such rights, nor operate to deprive Grantor of such rights, nor shall any waiver made by Grantor with respect to any specific default by Grantee, its successors and assigns, be considered or treated as a waiver of Grantor's rights with respect to any other default by Grantee, its successors and assigns, or with respect to the particular default except to the extent specifically waived.

9. Amendment. Only Grantor, its successors or assigns, and Grantee and the successors or assigns of Grantee in and to all or any part of the fee title to the Property and any improvements thereon, shall have the right to consent and agree to changes or to eliminate in whole or in part any of the covenants contained in this Grant Deed. For purposes of this Section, successors or assigns of Grantee shall be defined to include only those parties who hold all or any part of the Property and any improvements thereon in fee title, and not to include a tenant, lessee, easement holder, licensee, mortgagee, trustee, beneficiary under deed of trust, or any other person or entity having an interest less than a fee in the Property and any improvements thereon.

10. Conflict. In the event there is a conflict between the provisions of this Grant Deed and the Agreement, it is the intent of the parties that the Agreement shall control.

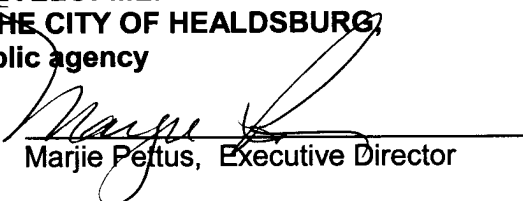
11. Counterparts. This Grant Deed may be executed in counterparts, each of which shall be an original and all of which taken together shall constitute one and the same instrument.

SIGNATURES ON FOLLOWING PAGE.

IN WITNESS WHEREOF, Grantor and Grantee have executed this Grant Deed as of this 16th day of March, 2011.

GRANTOR:

**REDEVELOPMENT AGENCY
OF THE CITY OF HEALDSBURG,
a public agency**

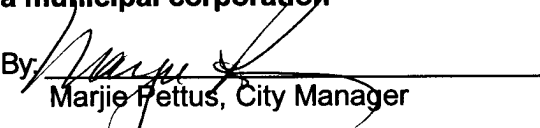
By: 
Marjie Pettus, Executive Director

ATTEST:


By: 
Maria Curiel, Agency Secretary

GRANTEE:

**CITY OF HEALDSBURG,
a municipal corporation**

By: 
Marjie Pettus, City Manager

ATTEST:

By: 
Maria Curiel, City Clerk

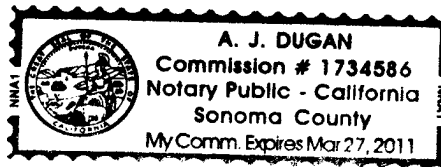
STATE OF CALIFORNIA)
)
COUNTY OF SONOMA)

On March 16, 2011, before me, AJ Dugan, personally appeared Marjie Pettus who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *AJ Dugan* (Seal)



STATE OF CALIFORNIA)
)
COUNTY OF SONOMA)

On _____, 20__, before me, _____, (here insert name and title of the officer), personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

Exhibit A

TRACT ONE:

Commencing at the Northwest corner of North and Foss Streets; running thence North 13° West along the West line of Foss Street, 198 feet to an iron pin; thence South 77° West, 76 feet to a station; thence South 14° East, 20 feet to the Northwest corner of the lands described in Certificate of Title No. 191; thence South 14° East, 178 feet to a station on the Northerly line of North Street; thence South 77° West along said Northerly line of North Street, 99.3 feet to a station, the place of commencement of the lands to be herein described; thence continuing along said Northerly line of North Street, South 77° West, 58 feet to a station; thence leaving said Street, North 9° 30' West, 35.2 feet to a station; thence South 77° West, 2 feet to a station; thence North 9° 30' West, 110.0 feet to a station; thence North 12° 15' East, 26 feet to a station; thence North 55° 45' East, 26 feet to a station; thence North 77° East, 16.9 feet to a station; thence South 12° 39' East, 177.9 feet to the place of commencement.

TRACT TWO:

Commencing at the Northwest corner of North and Foss Streets; running thence North 13° West along the West line of Foss Street, 198 feet to an iron pin; thence South 77° West 76 feet to a station; thence South 14° East 20 feet to the Northwest corner of the lands described in Certificate of Title No. 191, the place of commencement of the lands to be herein described; thence South 14° East 178.0 feet to a station on the Northerly line of North Street; thence South 77° West along said Northerly line of North Street, 99.3 feet to a station; thence leaving said Street, North 12° 39' West 177.9 feet to a station; thence North 77° East 95.1 feet to the point of commencement.

TRACT THREE:PARCEL ONE:

Commencing at the Northwest corner of North and Foss Streets; running thence North 13° West, along the West line of Foss Street, 198 feet to an iron pin; thence South 77° West, 76 feet to a station, the point of beginning of the lands herein described; thence South 77° West, 236.55 feet to an iron pin driven in the Easterly line of the right-of-way of the Northwestern Pacific Railroad Company; thence Southerly and along said right-of-way, 200.70 feet to the intersection with the Northerly line of North Street; thence North 77° East, along the Northerly line of North Street, 97.5 feet to a station; thence leaving said Street, North 9° 30' West, 35.2 feet to a station; thence South 77° West, 2 feet to a station; thence North 9° 30' West, 110.0 feet to a station; thence North 12° 15' East, 26 feet to a station; thence North 55° 45' East, 26 feet to a station; thence North 77° East, 112 feet to the Northwest corner of the lands described in Certificate of Title No. 191; thence North 14° West, 20 feet to the place of commencement.

PARCEL TWO:

Commencing at the Northwest corner of North and Foss Streets in said City of Healdsburg; running thence North 13° West, along the West line of Foss Street, 178 feet to a station, the point of beginning; thence continuing North 13° West, along the West line of Foss Street, 20 feet to an iron pin driven in the ground; thence South 77° West, 76 feet to a station in the center of a slough; thence South 14° East, 20 feet to a station; thence North 77° East, 76 feet, more or less, to the point of beginning.

Excepting therefrom all that portion described in Deed to Charles Scalione and Inez Scalione, recorded June 30, 1979 in Book 3583 of Official Records, at page 357, Recorder's Serial No. V-3259, Sonoma County Records.

PARCEL THREE:

Lying within Lot 19 as shown upon the "Map of the Town of Healdsburg", recorded in Book 6 of Deeds, at page 106, Sonoma County Records, and being a portion of the Lands of Charles and Inez Scalione as described in Deed recorded in Book 3290 of Official Records, at page 74, Sonoma County Records, more particularly described as follows:

Beginning at a found 1/2-inch iron pipe on the Westerly edge of Foss Street, said point being the common Easterly corner of said Lands of Scalione and the Lands of Purity Chemical Products Co., as described in Deed recorded in Book 2386 of Official Records, at page 438, Sonoma County Records; thence along the Westerly edge of Foss Street, North 13° 02' 00" West, 5.18 feet to a set 1/2-inch iron pipe; thence leaving the edge of Foss Street and following the

line of an existing fence, South 77° 26' 59" West, 324.45 feet to a set 1/2-inch iron pipe on the Easterly edge of the Northwestern Pacific Railroad right-of-way; thence along said Railroad right-of-way, South 3° 35' 41" East, 8.02 feet to a found 1/2-inch iron pipe marking the Northwestern corner of said Lands of Purity Chemical Products Co.; thence North 76° 58' 00" East, 325.75 feet to the point of beginning.

All iron pipes, set and found, are tagged L.S. 3227.

Basis of Bearing: Westerly edge of Foss Street as shown upon Record of Survey recorded in Book 269 of Maps, at page 29, Sonoma County Records.

THE FOLLOWING PARCEL is described for convenience only, and may be included in conveying documents, but cannot be included in a policy of title insurance.

PARCEL FOUR:

Being a Easement for Roadway, Public and Private Utilities over and under a portion of the Lands of Peter Lenz and Patricia A. Lenz, as described in that Deed recorded as Document No. 1997-0029497 of Official Records, Sonoma County Records, said Easement being more particularly described as follows:

Beginning at the common Easterly corner of the Lands of Lenz above referenced and the Lands of Purity Chemical Products Company, as described in those Deeds recorded in Book 3435 of Official Records, page 630, Book 2386 of Official Records, page 438, and Book 3583 of Official Records, page 355, all Sonoma County Records, said point being marked by a found ½ inch iron pipe, not tagged, said pipe shown on that Record of Survey filed in Book 298 of Maps, at page 4, Sonoma County Records, as a set ½ inch iron pipe tagged LS 3227; thence along the common line between said Lands, South 77° 26' 59" West, 123.84 feet; thence leaving said line along a non-tangent curve to the right whose center bears South 76° 48' 17" East, having a radius of 20.00 feet, a central angle of 64° 15' 16", for an arch length of 22.43 feet; thence North 77° 26' 59" East, 10.00 feet to a point on the Westerly side of an existing concrete bridge; thence North 74° 32' 09" East, 17.01 feet to a point on the Easterly side of said bridge; thence North 77° 26' 59" East, 78.73 feet to a point on the Easterly line of said Lands of Lenz, also being the Westerly right-of-way line of Foss Street; thence along said line, South 13° 02' 00" East, 12.18 feet to the point of beginning.

CERTIFICATE OF ACCEPTANCE

This is to certify that the interest in real property conveyed by the Grant Deed dated March 16, 2011, from the Redevelopment Agency of the City of Healdsburg, a public agency, to the City of Healdsburg, a municipal corporation ("**City**"), is hereby accepted on behalf of the City by its City Manager pursuant to authority conferred by Resolution No. 39-2011, adopted by the City Council of the City of Healdsburg on March 14, 2011, and that the City consents to recordation of the Grant Deed by its duly authorized officer.

Dated March 16, 2011

**CITY OF HEALDSBURG,
a municipal corporation**

By: 
Marjie Pettus, City Manager

ATTEST:

By: 
Maria Curiel, City Clerk

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

State of California

County of Sonoma }

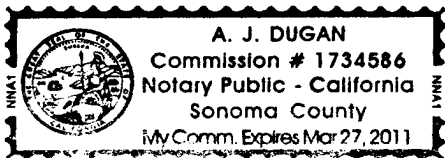
On 3-10-2011 before me, AJ Dugan Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Marjie Pettus
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Place Notary Seal Above

Signature: [Handwritten Signature]
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

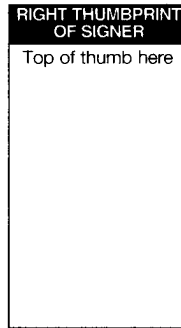
- Corporate Officer — Title(s): _____
- Individual
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

Signer's Name: _____

- Corporate Officer — Title(s): _____
- Individual
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

APPENDIX C
EDR RADIUS MAP REPORT

CERRI SITE

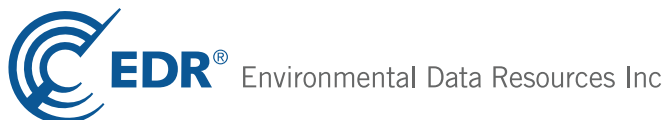
3 NORTH STREET

Healdsburg, CA 95448

Inquiry Number: 4390300.2s

August 21, 2015

The EDR Radius Map™ Report



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	181
Government Records Searched/Data Currency Tracking	GR-1

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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3 NORTH STREET
HEALDSBURG, CA 95448

COORDINATES

Latitude (North): 38.6120000 - 38° 36' 43.20"
Longitude (West): 122.8724000 - 122° 52' 20.64"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 511109.5
UTM Y (Meters): 4273522.0
Elevation: 101 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5602120 HEALDSBURG, CA
Version Date: 2012

Northeast Map: 5602128 JIMTOWN, CA
Version Date: 2012

Southwest Map: 5602428 GUERNEVILLE, CA
Version Date: 2012

Northwest Map: 5602424 GEYSERVILLE, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120523
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 3 NORTH STREET
 HEALDSBURG, CA 95448

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	PURITY PRODUCTS	3 NORTH STREET	RGA LUST		TP
A2	PURITY PRODUCTS	3 NORTH STREET	HIST CORTESE, LUST, Notify 65		TP
3	DREW, ERIC & MARY	423 FOSS STREET	SLIC	Higher	187, 0.035, ENE
4	PURITY CHEMICAL PROD	3 WEST NORTH STREET	RCRA-SQG, FINDS	Lower	308, 0.058, SW
5	UNION OIL SS# 5806	456 HEARLDSBURG AVE.	HIST UST	Lower	384, 0.073, North
B6		401 HEALDSBURG AVE	EDR US Hist Auto Stat	Higher	393, 0.074, East
B7	REDWOOD OIL #107	401 HEALDSBURG AVENU	HIST CORTESE, LUST	Higher	393, 0.074, East
B8	CHEVRON (REDWOOD OIL	401 HEALDSBURG AVENU	UST	Higher	393, 0.074, East
B9	HEALDSBURG CARDLOCK	401 HEALDSBURG AVE	HIST UST, SWEEPS UST	Higher	393, 0.074, East
10	TONY'S AUTO PARTS	437 HEALDSBURG AVENU	HIST CORTESE, LUST, Notify 65	Higher	401, 0.076, NE
B11	DON'S RINO	400 HEALDSBURG	HIST CORTESE, LUST, SWEEPS UST	Higher	402, 0.076, East
C12	HEALDSBURG, CITY OF	370 HEALDSBURG AVENU	SLIC	Higher	485, 0.092, ESE
C13	HEALDSBURG, CITY OF	370 HEALDSBURG AVENU	SLIC	Higher	485, 0.092, ESE
D14	UNOCAL #5806	456 HEALDSBURG AVENU	HIST CORTESE, LUST	Higher	503, 0.095, NNE
D15	UNOCAL 76 (COOKS)	456 HEALDSBURG AVENU	UST	Higher	503, 0.095, NNE
D16	UNION OIL SS #5806	456 HEALDSBURG AVE	HIST UST, SWEEPS UST	Higher	503, 0.095, NNE
E17		70 W NORTH ST	EDR US Hist Auto Stat	Lower	521, 0.099, WSW
E18	ALLANTECH INC.	100 W NORTH ST	HIST UST	Lower	616, 0.117, WSW
F19	HEALDSBURG, CITY, FO		SLIC	Lower	653, 0.124, SSE
20		486 MOORE LN	EDR US Hist Auto Stat	Lower	658, 0.125, West
G21	TROWBRIDGE PROPERTY	320 HEALDSBURG	HIST CORTESE, LUST	Higher	696, 0.132, SE
F22	FRANDSEN PROPERTY	24 MATHESON STREET	SLIC	Higher	714, 0.135, South
F23	FRED YOUNG & CO	24 MATHESON STREET	SLIC	Higher	714, 0.135, South
24	OLD COAL GAS PLANT	12 MATHESON STREET	LUST, SLIC, HIST UST	Higher	724, 0.137, South
G25	HEALDSBURG, CITY OF	311 HEALDSBURG AVENU	SLIC	Higher	741, 0.140, SE
26	OLD GAS PLANT	EAST ST. AT NORTH ST	CERCLIS	Higher	757, 0.143, East
H27		439 CENTER ST	EDR US Hist Cleaners	Higher	771, 0.146, ENE
H28	GREEN LAND CLEANERS	439 CENTER ST	DRYCLEANERS	Higher	771, 0.146, ENE
29	OLD COAL GAS PLANT	MATHESON &NWPRR	SLIC	Higher	798, 0.151, SSW
30	DEAS PROPERTY LINE T	12 & 24 MATHESON STR	LUST	Higher	813, 0.154, SSE
31	CVS PHARMACY #1173	455 CENTER ST	RCRA-LQG	Higher	836, 0.158, NE
I32	BRITE CLEANERS	340 CENTER ST	RCRA-SQG, FINDS, SLIC, HAZNET	Higher	857, 0.162, ESE
I33	BRITE CLEANERS	340 CENTER STREET	SLIC	Higher	857, 0.162, ESE
J34		1119 VINE ST	EDR US Hist Cleaners	Higher	920, 0.174, South
J35	SAFEWAY STORE NO 998	1115 VINE ST	RCRA NonGen / NLR	Higher	928, 0.176, South
K36		515 HEALDSBURG AVE	EDR US Hist Auto Stat	Higher	931, 0.176, North
37	PLAZA STREET INVESTM	309 CENTER	HIST CORTESE, LUST, HAZNET	Higher	965, 0.183, ESE
K38	RITE AID DRUG STORE	525 HEALDSBURG AVENU	SLIC	Higher	984, 0.186, North
K39	RITE AID NO 6029	525 HEALDSBURG AVE	RCRA-LQG, FINDS, SLIC	Higher	984, 0.186, North

MAPPED SITES SUMMARY

Target Property Address:
 3 NORTH STREET
 HEALDSBURG, CA 95448

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K40		535 HEALDSBURG AVE	EDR US Hist Auto Stat	Higher	1040, 0.197, North
K41	CHEVRON 92843	535 HEALDSBURG AVE	HIST CORTESE, LUST, CHMIRS, HAZNET	Higher	1040, 0.197, North
K42	CHEVRON 92843	535 HEALDSBURG AVE	RCRA NonGen / NLR, FINDS	Higher	1040, 0.197, North
K43	PETROLEUM MARKETING	535 HEALDSBURG AVENU	UST	Higher	1040, 0.197, North
K44	CHEVRON #2843	535 HEALDSBURG AVE	HIST UST, SWEEPS UST	Higher	1040, 0.197, North
L45	OLD COAL GAS PLANT R	EAST & NORTH STREETS	SLIC	Higher	1062, 0.201, East
46	SAFEWAY NO 998 02	1115 VINE	RCRA-SQG, FINDS	Higher	1067, 0.202, SSW
L47	OLD GAS PLANT	EAST STREET AT NORTH	EDR MGP	Higher	1080, 0.205, East
48	PERALCO	95 W MATHESON ST	RCRA-SQG	Higher	1099, 0.208, SSW
M49	SKYLARK BAR	245 HEALDSBURG	HIST CORTESE, LUST	Higher	1117, 0.212, SSE
50		1011 VINE ST	EDR US Hist Cleaners	Higher	1120, 0.212, SSE
M51	DEAS PROPERTY	235 HEALDSBURG AVENU	LUST	Higher	1183, 0.224, SSE
M52	PLAZA SQUARE ASSOCIA	230 HEALDSBURG AVENU	LUST	Higher	1227, 0.232, SSE
N53	FAST GAS	219 HEALDSBURG AVE	HIST UST, SWEEPS UST	Higher	1260, 0.239, SSE
N54	ULTRAMAR #701	HEALDSBURG AVENUE 21	LUST	Higher	1260, 0.239, SSE
N55	ULLTRAMAR STATION #7	219 HEALDSBURG AVENU	UST	Higher	1260, 0.239, SSE
N56	ULTRAMAR #701	219 HEALDSBURG AVENU	HIST CORTESE, LUST	Higher	1260, 0.239, SSE
N57		219 HEALDSBURG AVE	EDR US Hist Auto Stat	Higher	1269, 0.240, SSE
58	HEALDSBURG FIRE DEPA	238 CENTER	HIST CORTESE, LUST	Higher	1357, 0.257, SE
N59	EMPIRE LINEN SERVICE	206 HEALDSBURG AVE	HIST CORTESE, LUST, HIST UST, SWEEPS UST	Higher	1377, 0.261, SSE
O60		204 HEALDSBURG AVENU	Notify 65	Higher	1396, 0.264, SSE
O61	BURCH, LEROY & LYDIA	204 HEALDSBURG	HIST CORTESE, LUST	Higher	1396, 0.264, SSE
P62	SANTA ROSA POOL	75 GRANT STREET	HIST CORTESE, LUST, Notify 65	Higher	1406, 0.266, North
P63	HEALDSBURG FIRE DEPA	601 HEALDSBURG AVENU	LUST	Higher	1425, 0.270, North
P64	CITY OF HEALDSBURG F	601 HEALDSBURG AVE	HIST CORTESE, LUST, SWEEPS UST	Higher	1425, 0.270, North
65	MAC ELHENNY GROUP	18 & 20 GRANT STREET	SLIC	Higher	1464, 0.277, North
66	VINE STREET STATION	185 HEALDSBURG	HIST CORTESE, LUST	Lower	1610, 0.305, SSE
67	NU FOREST PRODUCTS	164 HEALDSBURG AVENU	NPDES, SLIC, HIST UST, EMI, WDS	Higher	2034, 0.385, SSE
68	OPPERMAN & SON	280 KINLEY DR	RCRA NonGen / NLR, FINDS, NPDES, HAZNET,...	Higher	2097, 0.397, SSW
69	ROBERTS PROPERTY	329 HAYDON ROAD	SLIC	Higher	2225, 0.421, SE
70	SOUTHERN PACIFIC - O	HEALDSBURG AVENUE	SLIC	Higher	2309, 0.437, North
71	FRANK DANIELS ROOFIN	313 MASON	HIST CORTESE, LUST	Higher	2312, 0.438, SE
72	SEGHESIO WINERIES, I	14730 GROVE STREET	HIST CORTESE, LUST, CUPA Listings, ENF	Higher	2401, 0.455, NNW
73	BRAMANTE, FRANK	130 HEALDSBURG AVENU	LUST	Lower	2426, 0.459, SSE
Q74	CHEVRON #9-0606	HEALDSBURG AVENUE 11	LUST	Lower	2583, 0.489, SSE
Q75	FORMER TRUCK STOP	110 HEALDSBURG AVE	HIST CORTESE, LUST, Notify 65	Lower	2583, 0.489, SSE
76	FORMER CHEVRON SS #9	HEALDSBURG AND EXCHA	Notify 65	Higher	2898, 0.549, SSE
R77	FAIRCHILD CAMERA AND	33 HEALDSBURG AVENUE	HIST CORTESE, LUST, SLIC, RESPONSE, ENVIROSTOR	Lower	3822, 0.724, SE
R78	MAX MACHINERY INC	33 HEALDSBURG AVE	SLIC, HWP	Lower	3822, 0.724, SE

MAPPED SITES SUMMARY

Target Property Address:
3 NORTH STREET
HEALDSBURG, CA 95448

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
79	REDWOOD OIL CO.	1175 HEALDSBURG AVE.	Notify 65	Higher	4493, 0.851, North
80		255 MONTE VISTA	Notify 65	Higher	4506, 0.853, NNE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
PURITY PRODUCTS 3 NORTH STREET HEALDSBURG, CA	RGA LUST	N/A
PURITY PRODUCTS 3 NORTH STREET HEALDSBURG, CA 93669	HIST CORTESE Reg Id: 1TSO372 LUST Status: Completed - Case Closed Facility Id: 1TSO372 Global Id: T0609700269 Notify 65	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

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

EXECUTIVE SUMMARY

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

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

LUCIS..... Land Use Control Information System

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

AST..... Aboveground Petroleum Storage Tank Facilities

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

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

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

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

EXECUTIVE SUMMARY

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
WMUDS/SWAT..... Waste Management Unit Database

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
RMP..... Risk Management Plans
CA BOND EXP. PLAN..... Bond Expenditure Plan
NPDES..... NPDES Permits Listing
UIC..... UIC Listing

EXECUTIVE SUMMARY

Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
WIP.....	Well Investigation Program Case List
ENF.....	Enforcement Action Listing
HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
WDS.....	Waste Discharge System
Financial Assurance.....	Financial Assurance Information Listing
PROC.....	Certified Processors Database
HWT.....	Registered Hazardous Waste Transporter Database
MWMP.....	Medical Waste Management Program Listing
MINES.....	Mines Site Location Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Steam-Electric Plant Operation Data
2020 COR ACTION.....	2020 Corrective Action Program List
PRP.....	Potentially Responsible Parties

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List

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 CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states,

EXECUTIVE SUMMARY

municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OLD GAS PLANT	EAST ST. AT NORTH ST	E 1/8 - 1/4 (0.143 mi.)	26	55

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/10/2015 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CVS PHARMACY #1173	455 CENTER ST	NE 1/8 - 1/4 (0.158 mi.)	31	60
RITE AID NO 6029	525 HEALDSBURG AVE	N 1/8 - 1/4 (0.186 mi.)	K39	74

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/10/2015 has revealed that there are 4 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>
BRITE CLEANERS	340 CENTER ST	ESE 1/8 - 1/4 (0.162 mi.)	I32	66
SAFEWAY NO 998 02	1115 VINE	SSW 1/8 - 1/4 (0.202 mi.)	46	92
PERALCO	95 W MATHESON ST	SSW 1/8 - 1/4 (0.208 mi.)	48	93
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PURITY CHEMICAL PROD	3 WEST NORTH STREET	SW 0 - 1/8 (0.058 mi.)	4	11

EXECUTIVE SUMMARY

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, and dated 05/04/2015 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>
FAIRCHILD CAMERA AND Status: Refer: RWQCB Facility Id: 49380002	33 HEALDSBURG AVENUE	SE 1/2 - 1 (0.724 mi.)	R77	174

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/04/2015 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OPPERMAN & SON Facility Id: 49420001 Status: Refer: Other Agency	280 KINLEY DR	SSW 1/4 - 1/2 (0.397 mi.)	68	147

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FAIRCHILD CAMERA AND Facility Id: 49380002 Status: Refer: RWQCB	33 HEALDSBURG AVENUE	SE 1/2 - 1 (0.724 mi.)	R77	174

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 06/15/2015 has revealed that there are 26 LUST sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REDWOOD OIL #107 Status: Completed - Case Closed Facility Id: 1TSO472 Global Id: T0609700335	401 HEALDSBURG AVENU	E 0 - 1/8 (0.074 mi.)	B7	13
TONY'S AUTO PARTS Status: Completed - Case Closed Facility Id: 1TSO195 Global Id: T0609700153	437 HEALDSBURG AVENU	NE 0 - 1/8 (0.076 mi.)	10	22
DON'S RINO Status: Completed - Case Closed Facility Id: 1TSO473 Global Id: T0609700336	400 HEALDSBURG	E 0 - 1/8 (0.076 mi.)	B11	24
UNOCAL #5806 Status: Completed - Case Closed Facility Id: 1TSO361 Global Id: T0609700261	456 HEALDSBURG AVENU	NNE 0 - 1/8 (0.095 mi.)	D14	34
TROWBRIDGE PROPERTY Status: Completed - Case Closed Facility Id: 1TSO635 Global Id: T0609700452	320 HEALDSBURG	SE 1/8 - 1/4 (0.132 mi.)	G21	44
OLD COAL GAS PLANT Status: Completed - Case Closed Global Id: T0609712875	12 MATHESON STREET	S 1/8 - 1/4 (0.137 mi.)	24	47
DEAS PROPERTY LINE T Status: Completed - Case Closed Global Id: T0609770065	12 & 24 MATHESON STR	SSE 1/8 - 1/4 (0.154 mi.)	30	58
PLAZA STREET INVESTM Status: Completed - Case Closed Facility Id: 1TSO417 Global Id: T0609700301	309 CENTER	ESE 1/8 - 1/4 (0.183 mi.)	37	72
CHEVRON 92843 Status: Completed - Case Closed Facility Id: 1TSO619 Global Id: T0609700440	535 HEALDSBURG AVE	N 1/8 - 1/4 (0.197 mi.)	K41	78
SKYLARK BAR Status: Completed - Case Closed Facility Id: 1TSO439 Global Id: T0609700315	245 HEALDSBURG	SSE 1/8 - 1/4 (0.212 mi.)	M49	96
DEAS PROPERTY Status: Completed - Case Closed Global Id: T0609722482	235 HEALDSBURG AVENU	SSE 1/8 - 1/4 (0.224 mi.)	M51	99
PLAZA SQUARE ASSOCIA Status: Open - Site Assessment Global Id: T10000005657	230 HEALDSBURG AVENU	SSE 1/8 - 1/4 (0.232 mi.)	M52	101
ULTRAMAR #701 Facility Id: 1TSO412	HEALDSBURG AVENUE 21	SSE 1/8 - 1/4 (0.239 mi.)	N54	105
ULTRAMAR #701 Status: Completed - Case Closed	219 HEALDSBURG AVENU	SSE 1/8 - 1/4 (0.239 mi.)	N56	105

EXECUTIVE SUMMARY

Global Id: T0609700296				
HEALDSBURG FIRE DEPA	238 CENTER	SE 1/4 - 1/2 (0.257 mi.)	58	108
Status: Completed - Case Closed				
Facility Id: 1TSO522				
Global Id: T0609700368				
EMPIRE LINEN SERVICE	206 HEALDSBURG AVE	SSE 1/4 - 1/2 (0.261 mi.)	N59	111
Status: Completed - Case Closed				
Global Id: T0609700478				
BURCH, LEROY & LYDIA	204 HEALDSBURG	SSE 1/4 - 1/2 (0.264 mi.)	O61	113
Status: Completed - Case Closed				
Facility Id: 1TSO338				
Global Id: T0609700246				
SANTA ROSA POOL	75 GRANT STREET	N 1/4 - 1/2 (0.266 mi.)	P62	121
Status: Completed - Case Closed				
Facility Id: 1TSO259				
Global Id: T0609700196				
HEALDSBURG FIRE DEPA	601 HEALDSBURG AVENU	N 1/4 - 1/2 (0.270 mi.)	P63	123
Status: Completed - Case Closed				
Global Id: T0609796806				
CITY OF HEALDSBURG F	601 HEALDSBURG AVE	N 1/4 - 1/2 (0.270 mi.)	P64	126
Facility Id: 1TSO537				
FRANK DANIELS ROOFIN	313 MASON	SE 1/4 - 1/2 (0.438 mi.)	71	155
Status: Completed - Case Closed				
Facility Id: 1TSO002				
Global Id: T0609700003				
SEGHEISIO WINERIES, I	14730 GROVE STREET	NNW 1/4 - 1/2 (0.455 mi.)	72	157
Status: Completed - Case Closed				
Facility Id: 1TSO615				
Global Id: T0609700436				
Global ID: T0609700436				
Lower Elevation	Address	Direction / Distance	Map ID	Page
VINE STREET STATION	185 HEALDSBURG	SSE 1/4 - 1/2 (0.305 mi.)	66	127
Status: Completed - Case Closed				
Facility Id: 1TSO389				
Global Id: T0609700282				
Global Id: T0609791095				
BRAMANTE, FRANK	130 HEALDSBURG AVENU	SSE 1/4 - 1/2 (0.459 mi.)	73	161
Status: Completed - Case Closed				
Global Id: T0609700356				
CHEVRON #9-0606	HEALDSBURG AVENUE 11	SSE 1/4 - 1/2 (0.489 mi.)	Q74	169
Facility Id: 1TSO118				
FORMER TRUCK STOP	110 HEALDSBURG AVE	SSE 1/4 - 1/2 (0.489 mi.)	Q75	169
Status: Completed - Case Closed				
Global Id: T0609700088				

EXECUTIVE SUMMARY

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

A review of the SLIC list, as provided by EDR, and dated 06/15/2015 has revealed that there are 18 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>
DREW, ERIC & MARY Facility Status: Completed - Case Closed Facility Id: 1NSO465 Global Id: T0609793255	423 FOSS STREET	ENE 0 - 1/8 (0.035 mi.)	3	10
HEALDSBURG, CITY OF Facility Id: 1NSO466	370 HEALDSBURG AVENU	ESE 0 - 1/8 (0.092 mi.)	C12	33
HEALDSBURG, CITY OF Facility Status: Completed - Case Closed Global Id: T0609793121	370 HEALDSBURG AVENU	ESE 0 - 1/8 (0.092 mi.)	C13	33
FRANSEN PROPERTY Facility Status: Completed - Case Closed Global Id: T0609793400	24 MATHESON STREET	S 1/8 - 1/4 (0.135 mi.)	F22	46
FRED YOUNG & CO Facility Id: 1NSO640	24 MATHESON STREET	S 1/8 - 1/4 (0.135 mi.)	F23	46
OLD COAL GAS PLANT Facility Status: Open - Inactive Global Id: T0609793291	12 MATHESON STREET	S 1/8 - 1/4 (0.137 mi.)	24	47
HEALDSBURG, CITY OF Facility Status: Completed - Case Closed Facility Id: 1NSO493 Global Id: T0609793264	311 HEALDSBURG AVENU	SE 1/8 - 1/4 (0.140 mi.)	G25	54
OLD COAL GAS PLANT Facility Id: 1NSO535	MATHESON & NWPRR	SSW 1/8 - 1/4 (0.151 mi.)	29	57
BRITE CLEANERS Facility Status: Open - Inactive Global Id: T0609793526	340 CENTER ST	ESE 1/8 - 1/4 (0.162 mi.)	I32	66
BRITE CLEANERS Facility Id: 1NSO769	340 CENTER STREET	ESE 1/8 - 1/4 (0.162 mi.)	I33	69
RITE AID DRUG STORE Facility Status: Completed - Case Closed Global Id: T0609794023	525 HEALDSBURG AVENU	N 1/8 - 1/4 (0.186 mi.)	K38	74
RITE AID NO 6029 Facility Id: 1NSO816	525 HEALDSBURG AVE	N 1/8 - 1/4 (0.186 mi.)	K39	74
OLD COAL GAS PLANT R Facility Id: 1NSO534	EAST & NORTH STREETS	E 1/8 - 1/4 (0.201 mi.)	L45	92
MAC ELHENNY GROUP Facility Status: Completed - Case Closed Facility Id: 1NSO574 Global Id: T0609793317	18 & 20 GRANT STREET	N 1/4 - 1/2 (0.277 mi.)	65	127
NU FOREST PRODUCTS Facility Id: 1NSO785	164 HEALDSBURG AVENU	SSE 1/4 - 1/2 (0.385 mi.)	67	137
ROBERTS PROPERTY Facility Status: Completed - Case Closed Facility Id: 1NSO779	329 HAYDON ROAD	SE 1/4 - 1/2 (0.421 mi.)	69	154

EXECUTIVE SUMMARY

Global Id: T0609791117	HEALDSBURG AVENUE	N 1/4 - 1/2 (0.437 mi.)	70	155
SOUTHERN PACIFIC - O Facility Status: Open - Inactive Global Id: T0609793572				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HEALDSBURG, CITY, FO Facility Status: Completed - Case Closed Facility Id: 1NSO543 Global Id: T0609793584		SSE 0 - 1/8 (0.124 mi.)	F19	42

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 06/15/2015 has revealed that there are 4 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>
CHEVRON (REDWOOD OIL) Facility Id: 600068	401 HEALDSBURG AVENUE	E 0 - 1/8 (0.074 mi.)	B8	20
UNOCAL 76 (COOKS) Facility Id: 600071	456 HEALDSBURG AVENUE	NNE 0 - 1/8 (0.095 mi.)	D15	38
PETROLEUM MARKETING Facility Id: 600073	535 HEALDSBURG AVENUE	N 1/8 - 1/4 (0.197 mi.)	K43	89
ULLTRAMAR STATION #7 Facility Id: 600063	219 HEALDSBURG AVENUE	SSE 1/8 - 1/4 (0.239 mi.)	N55	105

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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 7 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>
HEALDSBURG CARDLOCK Facility Id: 00000002702	401 HEALDSBURG AVE	E 0 - 1/8 (0.074 mi.)	B9	20
UNION OIL SS #5806 Facility Id: 00000030714	456 HEALDSBURG AVE	NNE 0 - 1/8 (0.095 mi.)	D16	39
OLD COAL GAS PLANT	12 MATHESON STREET	S 1/8 - 1/4 (0.137 mi.)	24	47

EXECUTIVE SUMMARY

Facility Id: 00000018224				
CHEVRON #2843	535 HEALDSBURG AVE	N 1/8 - 1/4 (0.197 mi.)	K44	89
Facility Id: 00000062335				
FAST GAS	219 HEALDSBURG AVE	SSE 1/8 - 1/4 (0.239 mi.)	N53	103
Facility Id: 00000010169				
Lower Elevation	Address	Direction / Distance	Map ID	Page
UNION OIL SS# 5806	456 HEARLDSBURG AVE.	N 0 - 1/8 (0.073 mi.)	5	12
Facility Id: 00000061465				
ALLANTECH INC.	100 W NORTH ST	WSW 0 - 1/8 (0.117 mi.)	E18	42
Facility Id: 00000044785				

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 5 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>
HEALDSBURG CARDLOCK	401 HEALDSBURG AVE	E 0 - 1/8 (0.074 mi.)	B9	20
Status: A Tank Status: A Comp Number: 2702				
DON'S RINO	400 HEALDSBURG	E 0 - 1/8 (0.076 mi.)	B11	24
Status: A Tank Status: A Comp Number: 86023				
UNION OIL SS #5806	456 HEALDSBURG AVE	NNE 0 - 1/8 (0.095 mi.)	D16	39
Status: A Tank Status: A Comp Number: 30714				
CHEVRON #2843	535 HEALDSBURG AVE	N 1/8 - 1/4 (0.197 mi.)	K44	89
Status: A Tank Status: A Comp Number: 62335				
FAST GAS	219 HEALDSBURG AVE	SSE 1/8 - 1/4 (0.239 mi.)	N53	103
Status: A Tank Status: A Comp Number: 10169				

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)

EXECUTIVE SUMMARY

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 03/10/2015 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAFEWAY STORE NO 998 CHEVRON 92843	1115 VINE ST 535 HEALDSBURG AVE	S 1/8 - 1/4 (0.176 mi.) N 1/8 - 1/4 (0.197 mi.)	J35 K42	70 88

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES]. 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 18 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 #107 Reg Id: 1TSO472	401 HEALDSBURG AVENU	E 0 - 1/8 (0.074 mi.)	B7	13
TONY'S AUTO PARTS Reg Id: 1TSO195	437 HEALDSBURG AVENU	NE 0 - 1/8 (0.076 mi.)	10	22
DON'S RINO Reg Id: 1TSO473	400 HEALDSBURG	E 0 - 1/8 (0.076 mi.)	B11	24
UNOCAL #5806 Reg Id: 1TSO361	456 HEALDSBURG AVENU	NNE 0 - 1/8 (0.095 mi.)	D14	34
TROWBRIDGE PROPERTY Reg Id: 1TSO635	320 HEALDSBURG	SE 1/8 - 1/4 (0.132 mi.)	G21	44
PLAZA STREET INVESTM Reg Id: 1TSO417	309 CENTER	ESE 1/8 - 1/4 (0.183 mi.)	37	72
CHEVRON 92843 Reg Id: 1TSO619	535 HEALDSBURG AVE	N 1/8 - 1/4 (0.197 mi.)	K41	78
SKYLARK BAR Reg Id: 1TSO439	245 HEALDSBURG	SSE 1/8 - 1/4 (0.212 mi.)	M49	96
ULTRAMAR #701 Reg Id: 1TSO412	219 HEALDSBURG AVENU	SSE 1/8 - 1/4 (0.239 mi.)	N56	105
HEALDSBURG FIRE DEPA Reg Id: 1TSO522	238 CENTER	SE 1/4 - 1/2 (0.257 mi.)	58	108
EMPIRE LINEN SERVICE Reg Id: 1TSO669	206 HEALDSBURG AVE	SSE 1/4 - 1/2 (0.261 mi.)	N59	111
BURCH, LEROY & LYDIA Reg Id: 1TSO338	204 HEALDSBURG	SSE 1/4 - 1/2 (0.264 mi.)	O61	113
SANTA ROSA POOL Reg Id: 1TSO259	75 GRANT STREET	N 1/4 - 1/2 (0.266 mi.)	P62	121
CITY OF HEALDSBURG F Reg Id: 1TSO537	601 HEALDSBURG AVE	N 1/4 - 1/2 (0.270 mi.)	P64	126
FRANK DANIELS ROOFIN	313 MASON	SE 1/4 - 1/2 (0.438 mi.)	71	155

EXECUTIVE SUMMARY

Reg Id: 1TSO002

SEGHEISIO WINERIES, I	14730 GROVE STREET	NNW 1/4 - 1/2 (0.455 mi.)	72	157
Reg Id: 1TSO615				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VINE STREET STATION	185 HEALDSBURG	SSE 1/4 - 1/2 (0.305 mi.)	66	127
Reg Id: 1TSO389				
FORMER TRUCK STOP	110 HEALDSBURG AVE	SSE 1/4 - 1/2 (0.489 mi.)	Q75	169
Reg Id: 1TSO118				

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 10/21/1993 has revealed that there are 7 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>
TONY'S AUTO PARTS	437 HEALDSBURG AVENU	NE 0 - 1/8 (0.076 mi.)	10	22
Not reported	204 HEALDSBURG AVENU	SSE 1/4 - 1/2 (0.264 mi.)	O60	113
SANTA ROSA POOL	75 GRANT STREET	N 1/4 - 1/2 (0.266 mi.)	P62	121
FORMER CHEVRON SS #9	HEALDSBURG AND EXCHA	SSE 1/2 - 1 (0.549 mi.)	76	174
REDWOOD OIL CO.	1175 HEALDSBURG AVE.	N 1/2 - 1 (0.851 mi.)	79	179
Not reported	255 MONTE VISTA	NNE 1/2 - 1 (0.853 mi.)	80	179
Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER TRUCK STOP	110 HEALDSBURG AVE	SSE 1/4 - 1/2 (0.489 mi.)	Q75	169

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

A review of the DRYCLEANERS list, as provided by EDR, and dated 02/18/2015 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GREEN LAND CLEANERS	439 CENTER ST	ENE 1/8 - 1/4 (0.146 mi.)	H28	57
EPA Id: CAL000274827				

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 05/26/2015 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAX MACHINERY INC	33 HEALDSBURG AVE	SE 1/2 - 1 (0.724 mi.)	R78	179

EXECUTIVE SUMMARY

EPA Id: CAD068879642
Cleanup Status: UNKNOWN

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OLD GAS PLANT	EAST STREET AT NORTH	E 1/8 - 1/4 (0.205 mi.)	L47	93

EDR US Hist Auto Stat: 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 US Hist Auto Stat list, as provided by EDR, has revealed that there are 6 EDR US Hist Auto Stat 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>
Not reported	401 HEALDSBURG AVE	E 0 - 1/8 (0.074 mi.)	B6	13
Not reported	515 HEALDSBURG AVE	N 1/8 - 1/4 (0.176 mi.)	K36	71
Not reported	535 HEALDSBURG AVE	N 1/8 - 1/4 (0.197 mi.)	K40	78
Not reported	219 HEALDSBURG AVE	SSE 1/8 - 1/4 (0.240 mi.)	N57	108
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	70 W NORTH ST	WSW 0 - 1/8 (0.099 mi.)	E17	41
Not reported	486 MOORE LN	W 0 - 1/8 (0.125 mi.)	20	43

EXECUTIVE SUMMARY

EDR US Hist 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.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 3 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	439 CENTER ST	ENE 1/8 - 1/4 (0.146 mi.)	H27	56
Not reported	1119 VINE ST	S 1/8 - 1/4 (0.174 mi.)	J34	69
Not reported	1011 VINE ST	SSE 1/8 - 1/4 (0.212 mi.)	50	98

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

<u>Site Name</u>	<u>Database(s)</u>
SOUTHERN PACIFIC - OLIVETO STAT.	SLIC

OVERVIEW MAP - 4390300.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚡ Manufactured Gas Plants
- 🏠 National Priority List Sites
- 🏠 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- ⚡ Power transmission lines
- 📡 Pipelines
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🏠 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: CERRI SITE
 ADDRESS: 3 NORTH STREET
 Healdsburg CA 95448
 LAT/LONG: 38.612 / 122.8724

CLIENT: EBA Engineering
 CONTACT: EVAN PLATT
 INQUIRY #: 4390300.2s
 DATE: August 21, 2015 6:24 pm

DETAIL MAP - 4390300.2S



- ★ 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

- 0 1/16 1/8 1/4 Miles
- 🏠 Indian Reservations BIA
- 📡 Pipelines
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🔴 Areas of Concern

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

SITE NAME: CERRI SITE
 ADDRESS: 3 NORTH STREET
 Healdsburg CA 95448
 LAT/LONG: 38.612 / 122.8724

CLIENT: EBA Engineering
 CONTACT: EVAN PLATT
 INQUIRY #: 4390300.2s
 DATE: August 21, 2015 6:28 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>								
CERCLIS	0.500		0	1	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	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	2	NR	NR	NR	2
RCRA-SQG	0.250		1	3	NR	NR	NR	4
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	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	0	1	1	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500	1	4	10	12	NR	NR	27

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
SLIC	0.500		4	10	4	NR	NR	18
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		2	2	NR	NR	NR	4
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
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								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	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
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		4	3	NR	NR	NR	7
SWEEPS UST	0.250		3	2	NR	NR	NR	5
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	2	NR	NR	NR	2
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500	1	4	5	9	NR	NR	19
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000	1	1	0	3	3	NR	8
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	1	NR	1
MWMP	0.250		0	0	NR	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	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

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
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	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
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	1	0	0	NR	1
EDR US Hist Auto Stat	0.250		3	3	NR	NR	NR	6
EDR US Hist Cleaners	0.250		0	3	NR	NR	NR	3
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA LUST	TP	1	NR	NR	NR	NR	NR	1
RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		4	26	48	29	6	0	113

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 **PURITY PRODUCTS**
Target **3 NORTH STREET**
Property **HEALDSBURG, CA**

RGA LUST **S114672860**
 N/A

Site 1 of 2 in cluster A

Actual:
101 ft.

RGA LUST:

2012	PURITY PRODUCTS	3 NORTH STREET
2011	PURITY PRODUCTS	3 NORTH STREET
2010	PURITY PRODUCTS	3 NORTH STREET
2009	PURITY PRODUCTS	3 NORTH STREET
2008	PURITY PRODUCTS	3 NORTH STREET
2007	PURITY PRODUCTS	3 NORTH STREET
2006	PURITY PRODUCTS	3 NORTH STREET
2005	PURITY PRODUCTS	3 NORTH STREET
2003	PURITY PRODUCTS	3 NORTH STREET
2002	PURITY PRODUCTS	3 NORTH STREET
2001	PURITY PRODUCTS	3 NORTH STREET
2000	PURITY PRODUCTS	3 NORTH STREET
1998	PURITY PRODUCTS	3 NORTH STREET
1997	PURITY PRODUCTS	3 NORTH STREET
1996	PURITY PRODUCTS	3 NORTH STREET
1995	PURITY PRODUCTS	3 NORTH STREET
1994	PURITY PRODUCTS	3 NORTH STREET
1993	PURITY PRODUCTS	3 NORTH STREET
1992	PURITY PRODUCTS	3 NORTH STREET

A2 **PURITY PRODUCTS**
Target **3 NORTH STREET**
Property **HEALDSBURG, CA 93669**

HIST CORTESE **S100225806**
LUST **N/A**
Notify 65

Site 2 of 2 in cluster A

Actual:
101 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSO372

LUST:

Region:	STATE
Global Id:	T0609700269
Latitude:	38.612273
Longitude:	-122.872481
Case Type:	Not reported
Status:	Completed - Case Closed
Status Date:	02/06/1997
Lead Agency:	Not reported
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	1TSO372
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PURITY PRODUCTS (Continued)

S100225806

Contact:

Global Id: T0609700269
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: T0609700269
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700269
Status: Completed - Case Closed
Status Date: 02/06/1997

Global Id: T0609700269
Status: Open - Case Begin Date
Status Date: 06/26/1990

Global Id: T0609700269
Status: Open - Remediation
Status Date: 08/23/1995

Global Id: T0609700269
Status: Open - Site Assessment
Status Date: 07/13/1990

Global Id: T0609700269
Status: Open - Site Assessment
Status Date: 08/29/1990

Global Id: T0609700269
Status: Open - Site Assessment
Status Date: 12/12/1990

Global Id: T0609700269
Status: Open - Site Assessment
Status Date: 02/02/1993

Global Id: T0609700269
Status: Open - Verification Monitoring
Status Date: 08/23/1995

Regulatory Activities:

Global Id: T0609700269
Action Type: Other
Date: 06/26/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PURITY PRODUCTS (Continued)

S100225806

Action: Leak Reported

Global Id: T0609700269
Action Type: Other
Date: 06/26/1990
Action: Leak Discovery

Global Id: T0609700269
Action Type: ENFORCEMENT
Date: 07/13/1990
Action: * Historical Enforcement

Global Id: T0609700269
Action Type: Other
Date: 06/26/1990
Action: Leak Stopped

LUST REG 1:

Region: 1
Facility ID: 1TSO372
Staff Initials: Closed

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93669

3
ENE
< 1/8
0.035 mi.
187 ft.

**DREW, ERIC & MARY
423 FOSS STREET
HEALDSBURG, CA 95448**

**SLIC S105051071
N/A**

**Relative:
Higher**

SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/26/2000
Global Id: T0609793255
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.6125212
Longitude: -122.8718526
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: HEALDSBURG/SEBASTAPOL, CITY OF
RB Case Number: 1NSO465
File Location: Regional Board
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

**Actual:
102 ft.**

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DREW, ERIC & MARY (Continued)

S105051071

SLIC REG 1:

Region: 1
Facility ID: 1NSO465
Staff Initials: Facility Closed

4
SW
< 1/8
0.058 mi.
308 ft.

PURITY CHEMICAL PRODUCTS CO
3 WEST NORTH STREET
HEALDSBURG, CA 95448

RCRA-SQG 1000265024
FINDS CAD058422726

Relative:
Lower

RCRA-SQG:

Actual:
99 ft.

Date form received by agency: 09/01/1996
Facility name: PURITY CHEMICAL PRODUCTS CO
Facility address: 3 WEST NORTH STREET
HEALDSBURG, CA 95448
EPA ID: CAD058422726
Mailing address: PO BOX 534
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: CORPORATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PURITY CHEMICAL PRODUCTS CO (Continued)

1000265024

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: 08/14/1980
 Site name: PURITY CHEMICAL PRODUCTS CO
 Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002651737

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.

5
North
< 1/8
0.073 mi.
384 ft.

UNION OIL SS# 5806
456 HEARLDSBURG AVE.
HEALDSBURG, CA 95448

HIST UST **U001610198**
N/A

Relative:
Lower

HIST UST:
 Region: STATE
 Facility ID: 00000061465
 Facility Type: Gas Station
 Other Type: Not reported
 Contact Name: ERLE E. COOK
 Telephone: 7074331166
 Owner Name: UNION OIL CO.
 Owner Address: 1 CALIFORNIA ST., SUITE 2700
 Owner City,St,Zip: SAN FRANCISCO, CA 94111
 Total Tanks: 0001

Actual:
99 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS# 5806 (Continued)

U001610198

Tank Num: 001
Container Num: 5806-10-1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

B6
East
< 1/8
0.074 mi.
393 ft.

401 HEALDSBURG AVE
HEALDSBURG, CA 95448
Site 1 of 5 in cluster B

EDR US Hist Auto Stat 1015470440
N/A

Relative:
Higher
Actual:
103 ft.

EDR Historical Auto Stations:
Name: REDWOOD OIL COMPANY SERVICE STATIONS
Year: 1999
Address: 401 HEALDSBURG AVE

B7
East
< 1/8
0.074 mi.
393 ft.

REDWOOD OIL #107
401 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
Site 2 of 5 in cluster B

HIST CORTESE S101304812
LUST N/A

Relative:
Higher
Actual:
103 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO472

LUST:

Region: STATE
Global Id: T0609700335
Latitude: 38.6119872970425
Longitude: -122.871426343918
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 06/17/2010
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO472
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Currently a commercial building occupies this site. This was an active gasoline service station from 1957 to 1999. In 1999 four fuel storage tanks were removed: one 10,000-gallon fuel UST, one 8,000 gallon fuel UST, two 4,000 gallon fuel UST. In 1983 a 550 gallon waste oil UST was removed. Six monitoring wells and 19 borings were installed at the site. In 2001 3300 cubic yards of impacted soil was excavated and removed from the site. Also 150,000 gallons of groundwater was pumped from the excavation pit. In 2002 a 500 gallon

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL #107 (Continued)

S101304812

tank under the sidewalk along Healdsburg Aveune was discovered and removed. Site was closed by the SWRCB on 6/17/2010.

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

Contact:

Global Id: T0609700335
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700335
Status: Completed - Case Closed
Status Date: 04/30/2009

Global Id: T0609700335
Status: Completed - Case Closed
Status Date: 06/15/2010

Global Id: T0609700335
Status: Completed - Case Closed
Status Date: 06/17/2010

Global Id: T0609700335
Status: Open - Case Begin Date
Status Date: 01/01/1991

Global Id: T0609700335
Status: Open - Remediation
Status Date: 03/29/2000

Global Id: T0609700335
Status: Open - Remediation
Status Date: 06/01/2000

Global Id: T0609700335
Status: Open - Remediation
Status Date: 07/12/2001

Global Id: T0609700335
Status: Open - Remediation
Status Date: 02/22/2002

Global Id: T0609700335
Status: Open - Site Assessment
Status Date: 09/26/1991

Global Id: T0609700335
Status: Open - Site Assessment
Status Date: 12/04/1991

Global Id: T0609700335

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL #107 (Continued)

S101304812

Status: Open - Site Assessment
Status Date: 12/18/1991

Global Id: T0609700335
Status: Open - Site Assessment
Status Date: 07/30/1997

Global Id: T0609700335
Status: Open - Verification Monitoring
Status Date: 09/21/2000

Global Id: T0609700335
Status: Open - Verification Monitoring
Status Date: 02/03/2009

Global Id: T0609700335
Status: Open - Verification Monitoring
Status Date: 04/30/2009

Regulatory Activities:

Global Id: T0609700335
Action Type: RESPONSE
Date: 05/29/2007
Action: Soil and Water Investigation Report

Global Id: T0609700335
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: ENFORCEMENT
Date: 03/03/2006
Action: Staff Letter

Global Id: T0609700335
Action Type: ENFORCEMENT
Date: 10/26/2005
Action: Staff Letter

Global Id: T0609700335
Action Type: ENFORCEMENT
Date: 09/26/1991
Action: * Historical Enforcement

Global Id: T0609700335
Action Type: ENFORCEMENT
Date: 06/09/2006
Action: Preparation of Record for Appeal/Referral/Petition

Global Id: T0609700335
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL #107 (Continued)

S101304812

Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0609700335
Action Type: Other
Date: 09/18/1991
Action: Leak Reported

Global Id: T0609700335
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: ENFORCEMENT
Date: 07/21/2009
Action: Staff Letter

Global Id: T0609700335
Action Type: RESPONSE
Date: 09/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL #107 (Continued)

S101304812

Global Id:	T0609700335
Action Type:	RESPONSE
Date:	02/23/2007
Action:	Other Workplan
Global Id:	T0609700335
Action Type:	ENFORCEMENT
Date:	05/28/2010
Action:	Clean Up Fund - Case Closure Review Summary Report (RSR)
Global Id:	T0609700335
Action Type:	RESPONSE
Date:	07/06/2007
Action:	Other Report / Document
Global Id:	T0609700335
Action Type:	RESPONSE
Date:	09/07/2010
Action:	Well Destruction Report
Global Id:	T0609700335
Action Type:	RESPONSE
Date:	04/15/2006
Action:	Other Workplan
Global Id:	T0609700335
Action Type:	RESPONSE
Date:	02/01/2006
Action:	Request for Closure
Global Id:	T0609700335
Action Type:	Other
Date:	09/18/1991
Action:	Leak Discovery
Global Id:	T0609700335
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0609700335
Action Type:	RESPONSE
Date:	04/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0609700335
Action Type:	RESPONSE
Date:	09/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0609700335
Action Type:	RESPONSE
Date:	04/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609700335
Action Type:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL #107 (Continued)

S101304812

Date: 09/18/1991
Action: Leak Stopped

Global Id: T0609700335
Action Type: Other
Date: 01/01/1991
Action: Leak Began

Global Id: T0609700335
Action Type: RESPONSE
Date: 01/01/2003
Action: Other Workplan

Global Id: T0609700335
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 12/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 06/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: ENFORCEMENT
Date: 04/22/2010
Action: Verbal Enforcement

Global Id: T0609700335
Action Type: ENFORCEMENT
Date: 03/05/2007
Action: Staff Letter

Global Id: T0609700335
Action Type: RESPONSE
Date: 07/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 09/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: REMEDIATION
Date: 05/01/2001
Action: Excavation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD OIL #107 (Continued)

S101304812

Global Id: T0609700335
Action Type: RESPONSE
Date: 09/16/2008
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700335
Action Type: ENFORCEMENT
Date: 06/17/2010
Action: State Water Board Closure Order

Global Id: T0609700335
Action Type: ENFORCEMENT
Date: 06/17/2010
Action: Clean Up Fund - Letter to RP

Global Id: T0609700335
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700335
Action Type: ENFORCEMENT
Date: 01/18/2007
Action: Verbal Communication

Global Id: T0609700335
Action Type: REMEDIATION
Date: 05/01/2001
Action: Pump & Treat (P&T) Groundwater

LUST REG 1:

Region: 1
Facility ID: 1TSO472
Staff Initials: BML

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

B8
East
< 1/8
0.074 mi.
393 ft.

CHEVRON (REDWOOD OIL)
401 HEALDSBURG AVENUE
HEALDSBURG, CA 95448

Site 3 of 5 in cluster B

UST U003761864
N/A

Relative:
Higher

UST:
Facility ID: 600068
Permitting Agency: HEALDSBURG/SEBASTAPOL, CITY OF
Latitude: 38.61203
Longitude: -122.87105

Actual:
103 ft.

B9
East
< 1/8
0.074 mi.
393 ft.

HEALDSBURG CARDLOCK
401 HEALDSBURG AVE
HEALDSBURG, CA 95448

Site 4 of 5 in cluster B

HIST UST U001610120
SWEEPS UST N/A

Relative:
Higher

HIST UST:
Region: STATE
Facility ID: 00000002702
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 7074339936
Owner Name: REDWOOD OIL COMPANY, INC
Owner Address: 1320 SECOND STREET
Owner City,St,Zip: SAN RAFAEL, CA 94901
Total Tanks: 0004

Actual:
103 ft.

Tank Num: 001
Container Num: 51
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 52
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 53
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 54
Year Installed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEALDSBURG CARDLOCK (Continued)

U001610120

Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

SWEEPS UST:

Status: Active
Comp Number: 2702
Number: 1
Board Of Equalization: 44-028108
Referral Date: 05-06-92
Action Date: 05-06-92
Created Date: 02-29-88
Owner Tank Id: 51
SWRCB Tank Id: 49-002-002702-000001
Tank Status: A
Capacity: 10000
Active Date: 12-06-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Status: Active
Comp Number: 2702
Number: 1
Board Of Equalization: 44-028108
Referral Date: 05-06-92
Action Date: 05-06-92
Created Date: 02-29-88
Owner Tank Id: 52
SWRCB Tank Id: 49-002-002702-000002
Tank Status: A
Capacity: 4000
Active Date: 12-06-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 2702
Number: 1
Board Of Equalization: 44-028108
Referral Date: 05-06-92
Action Date: 05-06-92
Created Date: 02-29-88
Owner Tank Id: 53
SWRCB Tank Id: 49-002-002702-000003
Tank Status: A
Capacity: 8000
Active Date: 12-06-88
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

HEALDSBURG CARDLOCK (Continued)

U001610120

Status: Active
Comp Number: 2702
Number: 1
Board Of Equalization: 44-028108
Referral Date: 05-06-92
Action Date: 05-06-92
Created Date: 02-29-88
Owner Tank Id: 54
SWRCB Tank Id: 49-002-002702-000004
Tank Status: A
Capacity: 4000
Active Date: 12-06-88
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

**10
NE
< 1/8
0.076 mi.
401 ft.**

**TONY'S AUTO PARTS
437 HEALDSBURG AVENUE
HEALDSBURG, CA 93669**

**HIST CORTESE S100225803
LUST N/A
Notify 65**

**Relative:
Higher**

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO195

**Actual:
103 ft.**

LUST:
Region: STATE
Global Id: T0609700153
Latitude: 38.6131525807962
Longitude: -122.871914505959
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 03/19/2003
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO195
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:

Global Id: T0609700153
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

TONY'S AUTO PARTS (Continued)

S100225803

Global Id: T0609700153
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700153
Status: Completed - Case Closed
Status Date: 03/19/2003

Global Id: T0609700153
Status: Open - Case Begin Date
Status Date: 01/01/1988

Global Id: T0609700153
Status: Open - Site Assessment
Status Date: 08/15/1988

Global Id: T0609700153
Status: Open - Site Assessment
Status Date: 04/11/1990

Global Id: T0609700153
Status: Open - Site Assessment
Status Date: 06/07/1990

Regulatory Activities:

Global Id: T0609700153
Action Type: Other
Date: 08/01/1988
Action: Leak Reported

Global Id: T0609700153
Action Type: ENFORCEMENT
Date: 01/09/1996
Action: * Historical Enforcement

Global Id: T0609700153
Action Type: Other
Date: 08/01/1988
Action: Leak Discovery

Global Id: T0609700153
Action Type: RESPONSE
Date: 10/15/2002
Action: Other Report / Document

Global Id: T0609700153
Action Type: Other
Date: 08/01/1988
Action: Leak Stopped

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TONY'S AUTO PARTS (Continued)

S100225803

Global Id: T0609700153
Action Type: Other
Date: 01/01/1988
Action: Leak Began

Global Id: T0609700153
Action Type: ENFORCEMENT
Date: 03/19/2003
Action: Closure/No Further Action Letter

Global Id: T0609700153
Action Type: ENFORCEMENT
Date: 07/18/2002
Action: Staff Letter

LUST REG 1:

Region: 1
Facility ID: 1TSO195
Staff Initials: BML

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93669

**B11
East
< 1/8
0.076 mi.
402 ft.**

**DON'S RINO
400 HEALDSBURG
HEALDSBURG, CA 95448**

Site 5 of 5 in cluster B

**HIST CORTESE
LUST
SWEEPS UST**

**S101304811
N/A**

**Relative:
Higher**

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO473

**Actual:
104 ft.**

LUST:

Region: STATE
Global Id: T0609700336
Latitude: 38.61206755
Longitude: -122.870920551
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 06/17/2010
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO473
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DON'S RINO (Continued)

S101304811

Potential Contaminants of Concern: Gasoline
Site History: In May of 1994 two borings were installed to investigate a spill during refueling of the UST at this site. Fuel Hydrocarbons were detected an a preliminary subsurface investigation was initiated, which included advancement of nine soil borings and construction of 4 shallow monitoring wells. In 1997 the northerhalf of the site was overexcavated to remove petroleum hydrocarbons. Three addition monitoring wells were installed in July 1999. In June 2008 highly impacted soils on the southern site of the property were excavated. Site closed by SWRCB on 6/17/2010.

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

Contact:

Global Id: T0609700336
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700336
Status: Completed - Case Closed
Status Date: 06/17/2010

Global Id: T0609700336
Status: Open - Case Begin Date
Status Date: 01/01/1990

Global Id: T0609700336
Status: Open - Remediation
Status Date: 10/01/2004

Global Id: T0609700336
Status: Open - Remediation
Status Date: 11/16/2004

Global Id: T0609700336
Status: Open - Site Assessment
Status Date: 09/26/1991

Global Id: T0609700336
Status: Open - Site Assessment
Status Date: 01/05/1995

Global Id: T0609700336
Status: Open - Site Assessment
Status Date: 02/21/1995

Global Id: T0609700336
Status: Open - Site Assessment
Status Date: 07/25/1997

Global Id: T0609700336

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DON'S RINO (Continued)

S101304811

Status: Open - Verification Monitoring
Status Date: 04/16/2009

Regulatory Activities:

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 03/29/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 02/06/2006
Action: File review

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 09/26/1991
Action: * Historical Enforcement

Global Id: T0609700336
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 09/15/2004
Action: Other Workplan

Global Id: T0609700336
Action Type: RESPONSE
Date: 08/30/2004
Action: Other Workplan

Global Id: T0609700336
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 06/01/2004
Action: Other Report / Document

Global Id: T0609700336
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 07/15/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DON'S RINO (Continued)

S101304811

Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: Other
Date: 09/18/1991
Action: Leak Reported

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 07/21/2009
Action: Staff Letter

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 07/29/2009
Action: File Review - Closure

Global Id: T0609700336
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DON'S RINO (Continued)

S101304811

Global Id:	T0609700336
Action Type:	RESPONSE
Date:	10/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0609700336
Action Type:	ENFORCEMENT
Date:	11/16/2004
Action:	File review
Global Id:	T0609700336
Action Type:	ENFORCEMENT
Date:	07/27/2004
Action:	Staff Letter
Global Id:	T0609700336
Action Type:	RESPONSE
Date:	06/01/2004
Action:	Other Workplan
Global Id:	T0609700336
Action Type:	RESPONSE
Date:	06/02/2008
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0609700336
Action Type:	RESPONSE
Date:	04/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0609700336
Action Type:	RESPONSE
Date:	04/23/2009
Action:	Interim Remedial Action Report
Global Id:	T0609700336
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0609700336
Action Type:	ENFORCEMENT
Date:	06/11/2008
Action:	Site Visit / Inspection / Sampling
Global Id:	T0609700336
Action Type:	ENFORCEMENT
Date:	07/03/2008
Action:	* No Action
Global Id:	T0609700336
Action Type:	Other
Date:	09/18/1991
Action:	Leak Discovery
Global Id:	T0609700336
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DON'S RINO (Continued)

S101304811

Date: 05/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 12/12/2002
Action: Other Report / Document

Global Id: T0609700336
Action Type: RESPONSE
Date: 09/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 12/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 12/06/2007
Action: Other Workplan

Global Id: T0609700336
Action Type: RESPONSE
Date: 11/16/2005
Action: Other Report / Document

Global Id: T0609700336
Action Type: RESPONSE
Date: 12/30/2003
Action: Other Workplan

Global Id: T0609700336
Action Type: Other
Date: 09/18/1991
Action: Leak Stopped

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 05/28/2010
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 06/17/2010
Action: Clean Up Fund - Letter to RP

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 11/08/2005
Action: * Verbal Communication

Global Id: T0609700336
Action Type: Other
Date: 01/01/1990
Action: Leak Began

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DON'S RINO (Continued)

S101304811

Global Id:	T0609700336
Action Type:	RESPONSE
Date:	07/30/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0609700336
Action Type:	RESPONSE
Date:	10/30/2003
Action:	Other Report / Document
Global Id:	T0609700336
Action Type:	RESPONSE
Date:	10/01/2004
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0609700336
Action Type:	RESPONSE
Date:	07/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0609700336
Action Type:	ENFORCEMENT
Date:	04/16/2009
Action:	File review
Global Id:	T0609700336
Action Type:	ENFORCEMENT
Date:	12/10/2008
Action:	Verbal Enforcement
Global Id:	T0609700336
Action Type:	RESPONSE
Date:	04/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0609700336
Action Type:	RESPONSE
Date:	04/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0609700336
Action Type:	RESPONSE
Date:	04/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0609700336
Action Type:	ENFORCEMENT
Date:	11/04/2003
Action:	Staff Letter
Global Id:	T0609700336
Action Type:	ENFORCEMENT
Date:	12/09/2003
Action:	Staff Letter
Global Id:	T0609700336
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DON'S RINO (Continued)

S101304811

Date: 04/22/2010
Action: Verbal Enforcement

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 11/19/2007
Action: Staff Letter

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 12/14/2007
Action: Verbal Communication

Global Id: T0609700336
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 03/09/2004
Action: Staff Letter

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 03/02/2004
Action: Meeting

Global Id: T0609700336
Action Type: ENFORCEMENT
Date: 06/17/2010
Action: State Water Board Closure Order

Global Id: T0609700336
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700336
Action Type: RESPONSE
Date: 10/18/2010
Action: Well Destruction Workplan

Global Id: T0609700336
Action Type: RESPONSE
Date: 12/17/2010
Action: Well Destruction Report

LUST REG 1:
Region: 1
Facility ID: 1TSO473

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DON'S RINO (Continued)

S101304811

Staff Initials: BML

SWEEPS UST:

Status: Active
Comp Number: 86023
Number: 1
Board Of Equalization: 44-028124
Referral Date: 12-01-92
Action Date: 12-01-92
Created Date: 11-18-88
Owner Tank Id: 1
SWRCB Tank Id: 49-002-086023-000001
Tank Status: A
Capacity: 6000
Active Date: 12-21-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Status: Active
Comp Number: 86023
Number: 1
Board Of Equalization: 44-028124
Referral Date: 12-01-92
Action Date: 12-01-92
Created Date: 11-18-88
Owner Tank Id: 2
SWRCB Tank Id: 49-002-086023-000002
Tank Status: A
Capacity: 6000
Active Date: 12-21-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 86023
Number: 1
Board Of Equalization: 44-028124
Referral Date: 12-01-92
Action Date: 12-01-92
Created Date: 11-18-88
Owner Tank Id: 3
SWRCB Tank Id: 49-002-086023-000003
Tank Status: A
Capacity: 4000
Active Date: 12-21-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 86023
Number: 1

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DON'S RINO (Continued)

S101304811

Board Of Equalization: 44-028124
 Referral Date: 12-01-92
 Action Date: 12-01-92
 Created Date: 11-18-88
 Owner Tank Id: 4
 SWRCB Tank Id: 49-002-086023-000004
 Tank Status: A
 Capacity: 500
 Active Date: 12-21-88
 Tank Use: OIL
 STG: W
 Content: WASTE OIL
 Number Of Tanks: Not reported

C12
ESE
 < 1/8
 0.092 mi.
 485 ft.

HEALDSBURG, CITY OF
370 HEALDSBURG AVENUE
HEALDSBURG, CA 95448

SLIC S105050947
N/A

Site 1 of 2 in cluster C

Relative:
Higher

Actual:
104 ft.

SLIC REG 1:
 Region: 1
 Facility ID: 1NSO466
 Staff Initials: BML

C13
ESE
 < 1/8
 0.092 mi.
 485 ft.

HEALDSBURG, CITY OF
370 HEALDSBURG AVENUE
HEALDSBURG, CA 95448

SLIC S103655738
N/A

Site 2 of 2 in cluster C

Relative:
Higher

Actual:
104 ft.

SLIC:
 Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 09/24/2012
 Global Id: T0609793121
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Lead Agency Case Number: Not reported
 Latitude: 38.6116393849146
 Longitude: -122.871479988098
 Case Type: Cleanup Program Site
 Case Worker: ZZZ
 Local Agency: HEALDSBURG/SEBASTAPOL, CITY OF
 RB Case Number: 1NSO466
 File Location: Regional Board
 Potential Media Affected: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Gasoline
 Site History:
 In 1991 geotechnical investigation hydrocarbon odors detected in subsurface from 14 feet bgs. At that time it was assumed that contamination came from a release from two known UST release sites at 400 and 401 Healdsburg Ave. In September 1997 during site grading a 300-gallon UST was discovered. The tank was removed on September 29, 1997. On October 13 1997 an URF was filed by Healdsburg Fire Department. Groundwater has been investigated as part of Redwood Oil Site at 401 Healdsburg Ave., Don's Rino at 400 Healdsburg Ave and E& M Electric at 12 Matheson Street. Please refer to those sites for

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEALDSBURG, CITY OF (Continued)

S103655738

recent groundwater monitoring data.

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

D14
NNE
< 1/8
0.095 mi.
503 ft.

UNOCAL #5806
456 HEALDSBURG AVENUE
HEALDSBURG, CA 95448

HIST CORTESE
LUST

S101304813
N/A

Site 1 of 3 in cluster D

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO361

Actual:
102 ft.

LUST:

Region: STATE
Global Id: T0609700261
Latitude: 38.6138735382449
Longitude: -122.87177503109
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 05/18/2007
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO842
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:

Global Id: T0609700261
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

Status History:

Global Id: T0609700261
Status: Completed - Case Closed
Status Date: 05/18/2007

Global Id: T0609700261
Status: Open - Case Begin Date
Status Date: 01/01/1990

Global Id: T0609700261
Status: Open - Remediation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #5806 (Continued)

S101304813

Status Date: 07/10/1995

Global Id: T0609700261
Status: Open - Remediation
Status Date: 07/26/2002

Global Id: T0609700261
Status: Open - Site Assessment
Status Date: 05/18/1990

Global Id: T0609700261
Status: Open - Site Assessment
Status Date: 06/26/1990

Global Id: T0609700261
Status: Open - Site Assessment
Status Date: 08/08/1990

Global Id: T0609700261
Status: Open - Site Assessment
Status Date: 07/10/1995

Global Id: T0609700261
Status: Open - Site Assessment
Status Date: 03/20/2002

Global Id: T0609700261
Status: Open - Site Assessment
Status Date: 05/14/2002

Global Id: T0609700261
Status: Open - Verification Monitoring
Status Date: 07/10/1995

Global Id: T0609700261
Status: Open - Verification Monitoring
Status Date: 10/13/2003

Regulatory Activities:

Global Id: T0609700261
Action Type: ENFORCEMENT
Date: 05/18/1990
Action: * Historical Enforcement

Global Id: T0609700261
Action Type: RESPONSE
Date: 10/15/2004
Action: Other Report / Document

Global Id: T0609700261
Action Type: RESPONSE
Date: 12/29/2006
Action: Other Workplan

Global Id: T0609700261
Action Type: Other
Date: 05/10/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #5806 (Continued)

S101304813

Action: Leak Reported

Global Id: T0609700261
Action Type: RESPONSE
Date: 10/18/2002
Action: Other Report / Document

Global Id: T0609700261
Action Type: RESPONSE
Date: 10/16/2002
Action: Tank Removal Report / UST Sampling Report

Global Id: T0609700261
Action Type: RESPONSE
Date: 03/17/2003
Action: Other Workplan

Global Id: T0609700261
Action Type: ENFORCEMENT
Date: 10/28/2004
Action: File review

Global Id: T0609700261
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700261
Action Type: Other
Date: 05/10/1990
Action: Leak Discovery

Global Id: T0609700261
Action Type: RESPONSE
Date: 02/11/2004
Action: Other Report / Document

Global Id: T0609700261
Action Type: RESPONSE
Date: 07/26/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700261
Action Type: ENFORCEMENT
Date: 12/22/2005
Action: Staff Letter

Global Id: T0609700261
Action Type: Other
Date: 05/10/1990
Action: Leak Stopped

Global Id: T0609700261
Action Type: ENFORCEMENT
Date: 08/17/2005
Action: File review

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #5806 (Continued)

S101304813

Global Id:	T0609700261
Action Type:	Other
Date:	01/01/1990
Action:	Leak Began
Global Id:	T0609700261
Action Type:	ENFORCEMENT
Date:	08/09/2002
Action:	Staff Letter
Global Id:	T0609700261
Action Type:	ENFORCEMENT
Date:	08/24/2005
Action:	Notification - Preclosure
Global Id:	T0609700261
Action Type:	ENFORCEMENT
Date:	01/25/2007
Action:	Site Visit / Inspection / Sampling
Global Id:	T0609700261
Action Type:	RESPONSE
Date:	01/30/2004
Action:	Other Report / Document
Global Id:	T0609700261
Action Type:	ENFORCEMENT
Date:	02/11/2004
Action:	* Verbal Communication
Global Id:	T0609700261
Action Type:	ENFORCEMENT
Date:	12/09/2002
Action:	Staff Letter
Global Id:	T0609700261
Action Type:	RESPONSE
Date:	05/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0609700261
Action Type:	ENFORCEMENT
Date:	05/18/2007
Action:	Closure/No Further Action Letter
Global Id:	T0609700261
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0609700261
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Other Report / Document
Global Id:	T0609700261
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL #5806 (Continued)

S101304813

Date: 10/04/2004
Action: Request for Closure

Global Id: T0609700261
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700261
Action Type: RESPONSE
Date: 04/30/2007
Action: Unknown

Global Id: T0609700261
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700261
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700261
Action Type: RESPONSE
Date: 06/24/2005
Action: Other Report / Document

LUST REG 1:
Region: 1
Facility ID: 1TSO361
Staff Initials: Closed

D15
NNE
< 1/8
0.095 mi.
503 ft.

UNOCAL 76 (COOKS)
456 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
Site 2 of 3 in cluster D

UST U003783613
N/A

Relative:
Higher

UST:
Facility ID: 600071
Permitting Agency: HEALDSBURG/SEBASTAPOL, CITY OF
Latitude: 38.615351
Longitude: -122.870084

Actual:
102 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D16 **UNION OIL SS #5806**
NNE **456 HEALDSBURG AVE**
< 1/8 **HEALDSBURG, CA 95448**
0.095 mi.
503 ft. **Site 3 of 3 in cluster D**

HIST UST **U001610197**
SWEEPS UST **N/A**

Relative:
Higher

HIST UST:

Actual:
102 ft.

Region: STATE
Facility ID: 00000030714
Facility Type: Gas Station
Other Type: Not reported
Contact Name: ERLE E. COOK
Telephone: 7074331166
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111
Total Tanks: 0006

Tank Num: 001
Container Num: 5806-1-1
Year Installed: 1966
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 5806-2-1
Year Installed: 1966
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 5806-4-1
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 5806-1-1
Year Installed: 1966
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5806-2-1
Year Installed: 1966
Tank Capacity: 00010000
Tank Used for: PRODUCT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS #5806 (Continued)

U001610197

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

Tank Num: 006
Container Num: 5806-4-1
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

SWEEPS UST:

Status: Active
Comp Number: 30714
Number: 1
Board Of Equalization: 44-000051
Referral Date: 05-06-92
Action Date: 05-06-92
Created Date: 02-29-88
Owner Tank Id: 5806-1-1
SWRCB Tank Id: 49-002-030714-000001
Tank Status: A
Capacity: 10000
Active Date: 11-21-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: Active
Comp Number: 30714
Number: 1
Board Of Equalization: 44-000051
Referral Date: 05-06-92
Action Date: 05-06-92
Created Date: 02-29-88
Owner Tank Id: 5806-2-1
SWRCB Tank Id: 49-002-030714-000002
Tank Status: A
Capacity: 10000
Active Date: 11-21-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 30714
Number: 1
Board Of Equalization: 44-000051
Referral Date: 05-06-92
Action Date: 05-06-92
Created Date: 02-29-88
Owner Tank Id: 5806-4-1
SWRCB Tank Id: 49-002-030714-000003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION OIL SS #5806 (Continued)

U001610197

Tank Status: A
Capacity: 280
Active Date: 11-21-88
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

E17
WSW
< 1/8
0.099 mi.
521 ft.

70 W NORTH ST
HEALDSBURG, CA 95448

EDR US Hist Auto Stat 1015604473
N/A

Site 1 of 2 in cluster E

Relative:
Lower

EDR Historical Auto Stations:

Actual:
98 ft.

Name: IMPORT MOTOR WORKS
Year: 1999
Address: 70 W NORTH ST

Name: IMPORT MOTOR WORKS
Year: 2000
Address: 70 W NORTH ST

Name: IMPORT MOTOR WORKS
Year: 2001
Address: 70 W NORTH ST

Name: IMPORT MOTOR WORKS
Year: 2003
Address: 70 W NORTH ST

Name: IMPORT MOTOR WORKS LLC
Year: 2004
Address: 70 W NORTH ST

Name: IMPORT MOTOR WORKS
Year: 2005
Address: 70 W NORTH ST

Name: IMPORT MOTOR WORKS LLC
Year: 2006
Address: 70 W NORTH ST

Name: IMPORT MOTOR WORKS LLC
Year: 2007
Address: 70 W NORTH ST

Name: IMPORT MOTOR WORKS LLC
Year: 2008
Address: 70 W NORTH ST

Name: IMPORT MOTOR WORKS LLC
Year: 2009
Address: 70 W NORTH ST

Name: IMPORT MOTORWORKS
Year: 2010
Address: 70 W NORTH ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015604473

Name: IMPORT MOTOR WORKS
Year: 2011
Address: 70 W NORTH ST

Name: IMPORT MOTOR WORKS
Year: 2012
Address: 70 W NORTH ST

E18 ALLANTECH INC.
WSW 100 W NORTH ST
< 1/8 HEALDSBURG, CA 95448
0.117 mi.
616 ft. Site 2 of 2 in cluster E

HIST UST U001610075
N/A

Relative:
Lower

HIST UST:
Region: STATE
Facility ID: 00000044785
Facility Type: Other
Other Type: SHOP FARM EQUIP
Contact Name: ALLAN BEER
Telephone: 7074337339
Owner Name: ALLAN T. BEER SR.
Owner Address: 100 WEST NORTH STREET
Owner City,St,Zip: HEALDSBURG, CA 95448
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1978
Tank Capacity: 00000800
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 10
Leak Detection: Visual

Actual:
99 ft.

F19 HEALDSBURG, CITY, FOSS CREEK
SSE HEALDSBURG, CA 95448
< 1/8
0.124 mi.
653 ft. Site 1 of 3 in cluster F

SLIC S101315903
N/A

Relative:
Lower

SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 06/05/2009
Global Id: T0609793584
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.6102980211597
Longitude: -122.871673107147
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO543
File Location: Regional Board
Potential Media Affected: Under Investigation

Actual:
100 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEALDSBURG, CITY, FOSS CREEK (Continued)

S101315903

Potential Contaminants of Concern: Diesel
Site History: This is related to the sites along Foss Creek See E&M Electric,
Fransen Property, Redwood Oil, Healdsburg Coal Gas Plant files

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

SLIC REG 1:

Region: 1
Facility ID: 1NSO543
Staff Initials: BML

20
West
< 1/8
0.125 mi.
658 ft.

**486 MOORE LN
HEALDSBURG, CA 95448**

**EDR US Hist Auto Stat 1015516207
N/A**

**Relative:
Lower
Actual:
94 ft.**

EDR Historical Auto Stations:

Name: JACKS AUTO UPHOLSTERY
Year: 1999
Address: 486 MOORE LN

Name: JACKS AUTO UPHOLSTERY
Year: 2000
Address: 486 MOORE LN

Name: JACKS AUTO UPHOLSTERY
Year: 2001
Address: 486 MOORE LN

Name: JACKS AUTO UPHOLSTERY
Year: 2002
Address: 486 MOORE LN

Name: JACKS AUTO UPHOLSTERY
Year: 2004
Address: 486 MOORE LN

Name: JACKS AUTO UPHOLSTERY
Year: 2005
Address: 486 MOORE LN

Name: JACKS AUTO UPHOLSTERY
Year: 2006
Address: 486 MOORE LN

Name: JACKS AUTO UPHOLSTERY
Year: 2007
Address: 486 MOORE LN

Name: JACKS AUTO UPHOLSTERY
Year: 2008
Address: 486 MOORE LN

Name: JACKS AUTO UPHOLSTERY
Year: 2009
Address: 486 MOORE LN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015516207

Name: JACKS AUTO UPHOLSTERY
Year: 2010
Address: 486 MOORE LN

Name: JACKS AUTO UPHOLSTERY
Year: 2011
Address: 486 MOORE LN

Name: JACKS AUTO UPHOLSTERY
Year: 2012
Address: 486 MOORE LN

G21
SE
1/8-1/4
0.132 mi.
696 ft.

TROWBRIDGE PROPERTY
320 HEALDSBURG
HEALDSBURG, CA 95448

HIST CORTESE
LUST S102446102
N/A

Site 1 of 2 in cluster G

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO635

Actual:
104 ft.

LUST:
Region: STATE
Global Id: T0609700452
Latitude: 38.6114762
Longitude: -122.8709874
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 06/12/1997
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO635
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: Not reported

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

Contact:

Global Id: T0609700452
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: T0609700452
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TROWBRIDGE PROPERTY (Continued)

S102446102

Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700452
Status: Completed - Case Closed
Status Date: 06/12/1997

Global Id: T0609700452
Status: Open - Case Begin Date
Status Date: 09/10/1996

Global Id: T0609700452
Status: Open - Remediation
Status Date: 06/11/1997

Global Id: T0609700452
Status: Open - Site Assessment
Status Date: 10/08/1996

Global Id: T0609700452
Status: Open - Site Assessment
Status Date: 12/26/1996

Global Id: T0609700452
Status: Open - Site Assessment
Status Date: 01/13/1997

Global Id: T0609700452
Status: Open - Site Assessment
Status Date: 04/23/1997

Global Id: T0609700452
Status: Open - Verification Monitoring
Status Date: 06/11/1997

Regulatory Activities:

Global Id: T0609700452
Action Type: Other
Date: 09/10/1996
Action: Leak Reported

Global Id: T0609700452
Action Type: Other
Date: 09/10/1996
Action: Leak Discovery

Global Id: T0609700452
Action Type: Other
Date: 09/10/1996
Action: Leak Stopped

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TROWBRIDGE PROPERTY (Continued)

S102446102

LUST REG 1:
 Region: 1
 Facility ID: 1TSO635
 Staff Initials: Closed

F22
South
1/8-1/4
0.135 mi.
714 ft.

FRANSEN PROPERTY
24 MATHESON STREET
HEALDSBURG, CA 95448

SLIC S108748288
N/A

Site 2 of 3 in cluster F

Relative:
Higher

SLIC:

Actual:
102 ft.

Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 11/07/2011
 Global Id: T0609793400
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Lead Agency Case Number: Not reported
 Latitude: 38.6100045944953
 Longitude: -122.871297597885
 Case Type: Cleanup Program Site
 Case Worker: ZZZ
 Local Agency: HEALDSBURG/SEBASTAPOL, CITY OF
 RB Case Number: 1NSO640
 File Location: Regional Board
 Potential Media Affected: Soil
 Potential Contaminants of Concern: Heating Oil / Fuel Oil
 Site History: Review of historic Sandborn Fire Insurance maps indicated that this site was occupied by a undertaker and Coffin maker as early as 1888. In 1999 Funeral home burned down and was replaced with commurcal buildings. During redevelopment contaminated soil was detected in an area on the southern boarder where a redwood fuel oil tank was discovered on an adjacent property and where a cement tank was discovered on the western boarder with the 12 Matheson property. Impacted soil removed on 9/12/2006. Soil sampling indicate that all impacted soil has been removed. Groundwater sampling around both excavations show that the groundwater was not impacted. Site closed with no further remedial action required November 7, 2011

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

F23
South
1/8-1/4
0.135 mi.
714 ft.

FRED YOUNG & CO
24 MATHESON STREET
HEALDSBURG, CA 95448

SLIC S105050891
N/A

Site 3 of 3 in cluster F

Relative:
Higher

SLIC REG 1:

Actual:
102 ft.

Region: 1
 Facility ID: 1NSO640
 Staff Initials: AAA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

24
South
1/8-1/4
0.137 mi.
724 ft.

OLD COAL GAS PLANT
12 MATHESON STREET
HEALDSBURG, CA 95448

LUST **U001610102**
SLIC **N/A**
HIST UST

Relative:
Higher

Actual:
102 ft.

LUST:

Region: STATE
Global Id: T0609712875
Latitude: 38.6099584844819
Longitude: -122.871705293655
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 01/27/2015
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO860
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: The property is currently a parking lot. In May 1989 a 1,500 -gallon gasoline UST was removed from the property. Subsurface investigation conducted in July 2003 indicated that the tank leaked. Subsequent environmental investigations have installed 8 wells and numerous borings on the site. From July 30 to August 5, 2004 2,000 tons of impacted soils was removed from the former tank location. Also located at this property was a former coal gasification plant which operated between 1878 and 1900. Information related to the environmental impacts and remediation can be found in this database under the name Old Coal Gas Plant RR-SR-HEB-1, Case # 1NSO534

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

Contact:

Global Id: T0609712875
Contact Type: Regional Board Caseworker
Contact Name: CLOSED BY SWRCB
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, STE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0609712875
Status: Completed - Case Closed
Status Date: 01/27/2015

Global Id: T0609712875
Status: Open - Case Begin Date
Status Date: 05/15/1989

Global Id: T0609712875
Status: Open - Eligible for Closure
Status Date: 07/15/2013

Global Id: T0609712875

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD COAL GAS PLANT (Continued)

U001610102

Status: Open - Remediation
Status Date: 05/15/1989

Global Id: T0609712875
Status: Open - Remediation
Status Date: 07/30/2004

Global Id: T0609712875
Status: Open - Site Assessment
Status Date: 08/07/2003

Global Id: T0609712875
Status: Open - Site Assessment
Status Date: 10/28/2003

Global Id: T0609712875
Status: Open - Site Assessment
Status Date: 12/09/2003

Global Id: T0609712875
Status: Open - Site Assessment
Status Date: 03/05/2004

Global Id: T0609712875
Status: Open - Site Assessment
Status Date: 01/13/2009

Global Id: T0609712875
Status: Open - Verification Monitoring
Status Date: 03/25/2005

Regulatory Activities:

Global Id: T0609712875
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 06/15/2006
Action: Other Report / Document

Global Id: T0609712875
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD COAL GAS PLANT (Continued)

U001610102

Global Id: T0609712875
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 02/09/2005
Action: Well Installation Report

Global Id: T0609712875
Action Type: RESPONSE
Date: 03/17/2005
Action: Well Installation Report

Global Id: T0609712875
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: Other
Date: 07/28/2003
Action: Leak Reported

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 01/26/2009
Action: Staff Letter

Global Id: T0609712875
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD COAL GAS PLANT (Continued)

U001610102

Date: 07/27/2009
Action: Staff Letter

Global Id: T0609712875
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0609712875
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 05/02/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609712875
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609712875
Action Type: RESPONSE
Date: 05/03/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 07/26/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 07/22/2004
Action: Staff Letter

Global Id: T0609712875
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 12/01/2003
Action: Preliminary Site Assessment Workplan

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 01/31/2012
Action: Staff Letter

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 01/29/2004
Action: * Historical Enforcement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD COAL GAS PLANT (Continued)

U001610102

Global Id:	T0609712875
Action Type:	RESPONSE
Date:	04/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609712875
Action Type:	ENFORCEMENT
Date:	03/24/2014
Action:	State Water Board Closure Order
Global Id:	T0609712875
Action Type:	RESPONSE
Date:	08/06/2003
Action:	Unauthorized Release Form
Global Id:	T0609712875
Action Type:	ENFORCEMENT
Date:	06/17/2011
Action:	Staff Letter
Global Id:	T0609712875
Action Type:	ENFORCEMENT
Date:	03/15/2006
Action:	Staff Letter
Global Id:	T0609712875
Action Type:	ENFORCEMENT
Date:	12/09/2003
Action:	* No Action
Global Id:	T0609712875
Action Type:	ENFORCEMENT
Date:	12/16/2003
Action:	Site Visit / Inspection / Sampling
Global Id:	T0609712875
Action Type:	RESPONSE
Date:	03/30/2004
Action:	Preliminary Site Assessment Report
Global Id:	T0609712875
Action Type:	RESPONSE
Date:	07/27/2012
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0609712875
Action Type:	RESPONSE
Date:	10/14/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609712875
Action Type:	ENFORCEMENT
Date:	08/06/2003
Action:	* No Action
Global Id:	T0609712875
Action Type:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD COAL GAS PLANT (Continued)

U001610102

Date: 05/15/1989
Action: Leak Stopped

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 12/23/2013
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 12/23/2013
Action: Clean Up Fund - Letter to RP

Global Id: T0609712875
Action Type: RESPONSE
Date: 04/01/2004
Action: Other Workplan

Global Id: T0609712875
Action Type: RESPONSE
Date: 09/08/2014
Action: Well Destruction Report

Global Id: T0609712875
Action Type: Other
Date: 05/15/1989
Action: Leak Discovery

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 01/14/2004
Action: Meeting

Global Id: T0609712875
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0609712875
Action Type: RESPONSE
Date: 05/01/2009
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0609712875
Action Type: RESPONSE
Date: 07/15/2014
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 07/18/2014
Action: Staff Letter

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 01/27/2015
Action: State Water Board Closure Order

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD COAL GAS PLANT (Continued)

U001610102

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 04/02/2004
Action: Staff Letter

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 09/08/2011
Action: Staff Letter

Global Id: T0609712875
Action Type: RESPONSE
Date: 12/01/2008
Action: Well Installation Report

Global Id: T0609712875
Action Type: ENFORCEMENT
Date: 03/14/2007
Action: Staff Letter

Global Id: T0609712875
Action Type: RESPONSE
Date: 09/21/2004
Action: Other Report / Document

Global Id: T0609712875
Action Type: RESPONSE
Date: 07/01/2004
Action: Other Report / Document

Global Id: T0609712875
Action Type: REMEDIATION
Date: 07/30/2004
Action: Excavation

SLIC:

Region: STATE
Facility Status: Open - Inactive
Status Date: 05/22/2015
Global Id: T0609793291
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.6098997989673
Longitude: -122.872070074081
Case Type: Cleanup Program Site
Case Worker: BML
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO535
File Location: Regional Board
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Heating Oil / Fuel Oil
Site History: Historic records indicate that the property at 12 Matheson Street was a coal gasification plant that was owned and operated by Healdsburg Electric between 1878 and 1900. Later in 1941 the site was occupied by a hay and feed warehouse with a spur of the Northwest Pacific Railroad terminating at the warehouse. From 1962 to 1986 the property

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OLD COAL GAS PLANT (Continued)

U001610102

was occupied by E&M Electric which refurbished electric motors. E&M Electric installed a 1,500 gallon underground petroleum storage tank UST in 1976 which was used to store gasoline until it was removed in May 1989. Environmental investigation of the gasoline UST is prepeseted in the E&M EElectric case file. In August of 2004 six shallow groundwater monitoring wells. Wells MW-1, MW-2, MW-3 were installed to monitor the release from the former UST and MW-1C, MW-2C and MW-3C were installed to monitor the coal gas plant area. In July 2004, 3,000 tons of impacted soil was excavated and appropriately disposed of at an off-site facility. Results of shallow groundwater monitoring for over four quarters show TPHg, TPHd, TPHmo, BTEX, VOCs and PNA have been below laboratory detection limits with the exception of detections of low concentrations (<1.0 ppb) of 1, 1 Dichloroethane (DCA) in one well MW-1C

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

HIST UST:

Region:	STATE
Facility ID:	00000018224
Facility Type:	Other
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	7074335578
Owner Name:	E & M ELECTRIC AND MACHINERY,
Owner Address:	12 MATHESON STREET
Owner City,St,Zip:	HEALDSBURG, CA 95448
Total Tanks:	0001
Tank Num:	001
Container Num:	#1
Year Installed:	1960
Tank Capacity:	00001500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

**G25
 SE
 1/8-1/4
 0.140 mi.
 741 ft.**

**HEALDSBURG, CITY OF
 311 HEALDSBURG AVENUE
 HEALDSBURG, CA 95448**

**SLIC S105051189
 N/A**

Site 2 of 2 in cluster G

**Relative:
 Higher**

SLIC:

Region:	STATE
Facility Status:	Completed - Case Closed
Status Date:	01/16/1996
Global Id:	T0609793264
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.630829
Longitude:	-122.872568
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	HEALDSBURG/SEBASTAPOL, CITY OF
RB Case Number:	1NSO493

**Actual:
 104 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEALDSBURG, CITY OF (Continued)

S105051189

File Location: Regional Board
Potential Media Affected: Soil
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: 1NSO493
Staff Initials: Facility Closed

26
East
1/8-1/4
0.143 mi.
757 ft.

OLD GAS PLANT
EAST ST. AT NORTH ST
HEALDSBURG, CA 95448

CERCLIS 1000994771
CA0001097021

Relative:
Higher

CERCLIS:

Site ID: 0905252
EPA ID: CA0001097021
Facility County: SONOMA
Short Name: OLD GAS PLANT
Congressional District: 01
IFMS ID: Not reported
SMSA Number: 7500
USGC Hydro Unit: 18010110
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Not on the NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Non NPL Status Date: 12/05/01
Site Fips Code: 06097
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 13003854.00000
Contact Name: Leslie Ramirez
Contact Tel: (415) 972-3978
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD GAS PLANT (Continued)

1000994771

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Alias Comments: Not reported
Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 05/11/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: 02/26/00
Date Completed: 06/01/00
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

**H27
ENE
1/8-1/4
0.146 mi.
771 ft.**

**439 CENTER ST
HEALDSBURG, CA 95448**

**EDR US Hist Cleaners 1015061403
N/A**

Site 1 of 2 in cluster H

**Relative:
Higher**

EDR Historical Cleaners:
Name: GREENLAND CLEANERS
Year: 2010
Address: 439 CENTER ST

**Actual:
105 ft.**

Name: HEALDSBURG GREENLAND CLEANERS
Year: 2011
Address: 439 CENTER ST

Name: HEALDSBURG GREENLAND CLEANERS
Year: 2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015061403

Address: 439 CENTER ST

H28
ENE
1/8-1/4
0.146 mi.
771 ft.

GREEN LAND CLEANERS
439 CENTER ST
HEALDSBURG, CA 95448

DRYCLEANERS S106077128
N/A

Site 2 of 2 in cluster H

Relative:
Higher

DRYCLEANERS:
EPA Id: CAL000274827
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 09/22/2003
Facility Active: No
Inactive Date: 12/13/2007
Facility Addr2: Not reported
Owner Name: REZA ZEINAL
Owner Address: 439 CENTER ST
Owner Address 2: Not reported
Owner Telephone: 7074310333
Contact Name: REZA ZEINAL
Contact Address: 2020 EAGLE CT
Contact Address 2: Not reported
Contact Telephone: 7075427414
Mailing Name: Not reported
Mailing Address 1: 2020 EAGLE CT
Mailing Address 2: Not reported
Mailing City: SANTA ROSA
Mailing State: CA
Mailing Zip: 954030933
Owner Fax: Not reported
Region Code: Not reported

Actual:
105 ft.

29
SSW
1/8-1/4
0.151 mi.
798 ft.

OLD COAL GAS PLANT
MATHESON &NWPRR
HEALDSBURG, CA 95448

SLIC S101315929
N/A

Relative:
Higher

SLIC REG 1:
Region: 1
Facility ID: 1NSO535
Staff Initials: BML

Actual:
102 ft.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

30
SSE
1/8-1/4
0.154 mi.
813 ft.

DEAS PROPERTY LINE TANK
12 & 24 MATHESON STREET
HEALDSBURG, CA 95448

LUST **S106915981**
N/A

Relative:
Higher

LUST:

Actual:
102 ft.

Region: STATE
Global Id: T0609770065
Latitude: 38.6098369215769
Longitude: -122.871694564819
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 01/27/2015
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO881
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Not reported
Site History:

Investigation of this tank was conducted as part of the Fransen Property Investigation at 24 Matteson Street, Healdsburg and E& M Electric at 12 Matteson Street Healdsburg. The Fransen property was closed with no further action required on November 7, 2011. The E&M Property was closed under the SWRCB's Low Threat UST Case Closure Policy in January 2015 and this case is considered closed under that determination. Continued work on this property is being conducted related to the Old Coal Gas Plant which was also located at this property. Please refer to those sites for information related to this release.

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

Contact:

Global Id: T0609770065
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

Status History:

Global Id: T0609770065
Status: Completed - Case Closed
Status Date: 01/27/2015

Global Id: T0609770065
Status: Open - Case Begin Date
Status Date: 08/09/2004

Global Id: T0609770065
Status: Open - Eligible for Closure
Status Date: 06/20/2013

Global Id: T0609770065

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEAS PROPERTY LINE TANK (Continued)

S106915981

Status: Open - Inactive
Status Date: 03/09/2009

Global Id: T0609770065
Status: Open - Site Assessment
Status Date: 10/12/2004

Global Id: T0609770065
Status: Open - Site Assessment
Status Date: 11/15/2005

Global Id: T0609770065
Status: Open - Site Assessment
Status Date: 11/28/2005

Global Id: T0609770065
Status: Open - Site Assessment
Status Date: 08/26/2011

Global Id: T0609770065
Status: Open - Verification Monitoring
Status Date: 06/03/2013

Regulatory Activities:

Global Id: T0609770065
Action Type: Other
Date: 08/09/2004
Action: Leak Reported

Global Id: T0609770065
Action Type: ENFORCEMENT
Date: 01/17/2006
Action: Staff Letter

Global Id: T0609770065
Action Type: ENFORCEMENT
Date: 01/10/2006
Action: Meeting

Global Id: T0609770065
Action Type: ENFORCEMENT
Date: 12/12/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0609770065
Action Type: RESPONSE
Date: 12/13/2004
Action: Tank Removal Report / UST Sampling Report

Global Id: T0609770065
Action Type: ENFORCEMENT
Date: 10/14/2004
Action: Staff Letter

Global Id: T0609770065
Action Type: ENFORCEMENT
Date: 03/05/2009

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DEAS PROPERTY LINE TANK (Continued)

S106915981

Action: File review

Global Id: T0609770065
 Action Type: Other
 Date: 08/09/2004
 Action: Leak Stopped

Global Id: T0609770065
 Action Type: ENFORCEMENT
 Date: 11/28/2005
 Action: Staff Letter

Global Id: T0609770065
 Action Type: Other
 Date: 08/09/2004
 Action: Leak Discovery

Global Id: T0609770065
 Action Type: ENFORCEMENT
 Date: 01/27/2015
 Action: File Review - Closure

Global Id: T0609770065
 Action Type: RESPONSE
 Date: 11/01/2004
 Action: Preliminary Site Assessment Workplan

**31
 NE
 1/8-1/4
 0.158 mi.
 836 ft.**

**CVS PHARMACY #1173
 455 CENTER ST
 HEALDSBURG, CA 95448**

**RCRA-LQG 1001959735
 CAR000060210**

**Relative:
 Higher**

RCRA-LQG:

Date form received by agency: 03/01/2014
 Facility name: CVS PHARMACY #1173
 Facility address: 455 CENTER ST
 HEALDSBURG, CA 95448
 EPA ID: CAR000060210
 Mailing address: CVS DR - 23062A
 WOONSOCKET, RI 02895
 Contact: WENDY L BRANT
 Contact address: CVS DR
 WOONSOCKET, RI 02895
 Contact country: Not reported
 Contact telephone: (401) 770-7457
 Contact email: WENDY.BRANDT@CVSCAREMARK.COM
 EPA Region: 09
 Classification: Large Quantity Generator
 Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less

**Actual:
 106 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #1173 (Continued)

1001959735

of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: GMS FIVE LLC
Owner/operator address: DEPT 0124
LOS ANGELES, CA 90084
Owner/operator country: Not reported
Owner/operator telephone: (760) 804-8600
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/27/1998
Owner/Op end date: Not reported

Owner/operator name: LONGS DRUG STORES CALIFORNIA LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/22/2008
Owner/Op end date: Not reported

Owner/operator name: LONGS DRUG STORE CAL
Owner/operator address: 141 N CIVIC DR
WALNUT CREEK, CA 94596
Owner/operator country: Not reported
Owner/operator telephone: (925) 210-6999
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

. Waste code: 122
. Waste name: 122

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #1173 (Continued)

1001959735

- . Waste code: 123
- . Waste name: 123

- . Waste code: 131
- . Waste name: 131

- . Waste code: 134
- . Waste name: 134

- . Waste code: 141
- . Waste name: 141

- . Waste code: 181
- . Waste name: 181

- . Waste code: 214
- . Waste name: 214

- . Waste code: 311
- . Waste name: 311

- . Waste code: 331
- . Waste name: 331

- . Waste code: 352
- . Waste name: 352

- . Waste code: 541
- . Waste name: 541

- . Waste code: 561
- . Waste name: 561

- . Waste code: 791
- . Waste name: 791

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D004
- . Waste name: ARSENIC

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #1173 (Continued)

1001959735

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D016
. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P012
. Waste name: ARSENIC OXIDE AS₂O₃ (OR) ARSENIC TRIOXIDE

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: P081
. Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

. Waste code: P085
. Waste name: DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE

. Waste code: P188
. Waste name: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-YL METHYL CARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET OXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #1173 (Continued)

1001959735

MITOMYCIN C

- . Waste code: U031
- . Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

- . Waste code: U034
- . Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

- . Waste code: U035
- . Waste name: BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

- . Waste code: U044
- . Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

- . Waste code: U058
- . Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

- . Waste code: U059
- . Waste name: 5,12-NAPHTHACENEDIONE,
8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL]OXY-
,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR)
DAUNOMYCIN

- . Waste code: U070
- . Waste name: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

- . Waste code: U072
- . Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

- . Waste code: U089
- . Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS,
(E)-

- . Waste code: U122
- . Waste name: FORMALDEHYDE

- . Waste code: U129
- . Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA,
5ALPHA, 6BETA)- (OR) LINDANE

- . Waste code: U132
- . Waste name: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

- . Waste code: U150
- . Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

- . Waste code: U151
- . Waste name: MERCURY

- . Waste code: U154
- . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

- . Waste code: U165
- . Waste name: NAPHTHALENE

- . Waste code: U188

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #1173 (Continued)

1001959735

. Waste name: PHENOL

. Waste code: U200
. Waste name: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

. Waste code: U201
. Waste name: 1,3-BENZENEDIOL (OR) RESORCINOL

. Waste code: U204
. Waste name: SELENIOS ACID (OR) SELENIUM DIOXIDE

. Waste code: U205
. Waste name: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

. Waste code: U206
. Waste name: D-GLUCOSE, 2-DEOXY-2-[[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U279
. Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

. Waste code: U411
. Waste name: PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR

Historical Generators:

Date form received by agency: 09/04/2012

Site name: CVS PHARMACY NO 1173

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P042
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: P081
. Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CVS PHARMACY #1173 (Continued)

1001959735

Date form received by agency: 12/09/1999
Site name: LONGS DRUG STORE NO 473
Classification: Small Quantity Generator

. Waste code: D011
. Waste name: SILVER

Violation Status: No violations found

**I32
ESE
1/8-1/4
0.162 mi.
857 ft.**

**BRITE CLEANERS
340 CENTER ST
HEALDSBURG, CA 95448**

**RCRA-SQG 1000397060
FINDS CAD981628530
SLIC
HAZNET**

Site 1 of 2 in cluster I

**Relative:
Higher**

RCRA-SQG:

**Actual:
106 ft.**

Date form received by agency: 09/01/1996
Facility name: BRITE CLEANERS
Facility address: 340 CENTER ST
HEALDSBURG, CA 95448

EPA ID: CAD981628530
Contact: ENVIRONMENTAL MANAGER
Contact address: 340 CENTER ST
HEALDBURG, CA 94952

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: SCHOORL JAN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRITE CLEANERS (Continued)

1000397060

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: 12/06/1986
Site name: BRITE CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110006472352

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.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

SLIC:

Region: STATE
Facility Status: Open - Inactive
Status Date: 05/28/2015
Global Id: T0609793526
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.6118322038927
Longitude: -122.869430780411
Case Type: Cleanup Program Site
Case Worker: BML
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO769
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
Site History: A former dry cleaning business now a retail facility. Dry cleaning operated from 1958 to 2000. As part of a site assessment associated with a property transfer a grab groundwater was sampled and tetrachloroethene (PCE) was detected. Three monitoring wells were

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRITE CLEANERS (Continued)

1000397060

installed at the site in May 2000 (MW-1, MW-2 and MW-3)and an additional well was installed in July 2000 (MW-4). No samples have been collected under the building.

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

HAZNET:

envid: 1000397060
Year: 2000
GEPaid: CAD981628530
Contact: JAN SCHOORL/OWNER
Telephone: 7074332980
Mailing Name: Not reported
Mailing Address: 340 CENTER ST
Mailing City,St,Zip: HEALDSBURG, CA 954484117
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: 0.27
Facility County: Sonoma

envid: 1000397060
Year: 2000
GEPaid: CAD981628530
Contact: JAN SCHOORL/OWNER
Telephone: 7074332980
Mailing Name: Not reported
Mailing Address: 340 CENTER ST
Mailing City,St,Zip: HEALDSBURG, CA 954484117
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Recycler
Tons: 0.36
Facility County: Sonoma

envid: 1000397060
Year: 1999
GEPaid: CAD981628530
Contact: JAN SCHOORL
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 340 CENTER ST
Mailing City,St,Zip: HEALDSBURG, CA 954484117
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: .2025
Facility County: Sonoma

envid: 1000397060
Year: 1998

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BRITE CLEANERS (Continued)

1000397060

GEPaid: CAD981628530
 Contact: JAN SCHOORL
 Telephone: 0000000000
 Mailing Name: Not reported
 Mailing Address: 340 CENTER ST
 Mailing City,St,Zip: HEALDSBURG, CA 954484117
 Gen County: Not reported
 TSD EPA ID: CAT000613943
 TSD County: Not reported
 Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
 Disposal Method: Transfer Station
 Tons: .0350
 Facility County: Sonoma

envid: 1000397060
 Year: 1998
 GEPaid: CAD981628530
 Contact: JAN SCHOORL
 Telephone: 0000000000
 Mailing Name: Not reported
 Mailing Address: 340 CENTER ST
 Mailing City,St,Zip: HEALDSBURG, CA 954484117
 Gen County: Not reported
 TSD EPA ID: CA0000084517
 TSD County: Not reported
 Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
 Disposal Method: Not reported
 Tons: .0975
 Facility County: Sonoma

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

I33
ESE
 1/8-1/4
 0.162 mi.
 857 ft.

BRITE CLEANERS
340 CENTER STREET
HEALDSBURG, CA 95448
Site 2 of 2 in cluster I

SLIC S105051091
N/A

Relative:
Higher

Actual:
106 ft.

SLIC REG 1:
 Region: 1
 Facility ID: 1NSO769
 Staff Initials: BML

J34
South
 1/8-1/4
 0.174 mi.
 920 ft.

1119 VINE ST
HEALDSBURG, CA 95448
Site 1 of 2 in cluster J

EDR US Hist Cleaners 1014976236
N/A

Relative:
Higher

Actual:
103 ft.

EDR Historical Cleaners:
 Name: VINEYARD PLAZA WASH & DRY
 Year: 1999
 Address: 1119 VINE ST

 Name: VINEYARD PLAZA WASH & DRY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1014976236

Year: 2000
Address: 1119 VINE ST

J35
South
1/8-1/4
0.176 mi.
928 ft.

SAFeway STORE NO 998
1115 VINE ST
HEALDSBURG, CA 95448

RCRA NonGen / NLR

1014950621
CAR000226324

Site 2 of 2 in cluster J

Relative:
Higher

RCRA NonGen / NLR:

Actual:
103 ft.

Date form received by agency: 10/11/2012
Facility name: SAFEWAY STORE NO 998
Facility address: 1115 VINE ST
HEALDSBURG, CA 95448
EPA ID: CAR000226324
Contact: KEITH B POWERS
Contact address: 5918 STONERIDGE MALL RD
PLEASANTON, CA 94588
Contact country: US
Contact telephone: 925-226-5655
Contact email: KEITH.POWERS@SAFEWAY.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: HEALDSBURG INVESTORES LTD
Owner/operator address: 7423 WINDING WAY A CA LTD PARTNERSHIP CO MCNELLIS PARTNE
FAIR OAKS, CA 95628
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/27/1983
Owner/Op end date: Not reported

Owner/operator name: SAFEWAY
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/28/1984
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFEWAY STORE NO 998 (Continued)

1014950621

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: 06/11/2012

Site name: SAFEWAY STORE NO 998

Classification: Large Quantity Generator

. Waste code: 122
. Waste name: 122

. Waste code: 131
. Waste name: 131

. Waste code: 214
. Waste name: 214

. Waste code: 311
. Waste name: 311

. Waste code: 561
. Waste name: 561

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, & SALTS

Violation Status: No violations found

K36
North
1/8-1/4
0.176 mi.
931 ft.

515 HEALDSBURG AVE
HEALDSBURG, CA 95448

Site 1 of 8 in cluster K

EDR US Hist Auto Stat 1015534012
N/A

Relative:
Higher

EDR Historical Auto Stations:

Name: KRAGEN AUTO PARTS
Year: 2003
Address: 515 HEALDSBURG AVE

Actual:
106 ft.

Name: KRAGEN AUTO PARTS
Year: 2008
Address: 515 HEALDSBURG AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

37
ESE
1/8-1/4
0.183 mi.
965 ft.

PLAZA STREET INVESTMENTS
309 CENTER
HEALDSBURG, CA 95448

HIST CORTESE
LUST
HAZNET
S102435283
N/A

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO417

Actual:
106 ft.

LUST:

Region: STATE
Global Id: T0609700301
Latitude: 38.6105938
Longitude: -122.8694756
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 01/12/1994
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO417
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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

Contact:

Global Id: T0609700301
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: T0609700301
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700301
Status: Completed - Case Closed
Status Date: 01/12/1994

Global Id: T0609700301
Status: Open - Case Begin Date
Status Date: 02/01/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PLAZA STREET INVESTMENTS (Continued)

S102435283

Global Id: T0609700301
Status: Open - Remediation
Status Date: 01/11/1994

Global Id: T0609700301
Status: Open - Site Assessment
Status Date: 02/22/1991

Global Id: T0609700301
Status: Open - Site Assessment
Status Date: 04/12/1991

Global Id: T0609700301
Status: Open - Site Assessment
Status Date: 05/20/1991

Global Id: T0609700301
Status: Open - Site Assessment
Status Date: 01/11/1994

Global Id: T0609700301
Status: Open - Verification Monitoring
Status Date: 01/11/1994

Regulatory Activities:

Global Id: T0609700301
Action Type: ENFORCEMENT
Date: 02/22/1991
Action: * Historical Enforcement

Global Id: T0609700301
Action Type: Other
Date: 02/01/1991
Action: Leak Reported

Global Id: T0609700301
Action Type: Other
Date: 02/01/1991
Action: Leak Discovery

Global Id: T0609700301
Action Type: Other
Date: 02/01/1991
Action: Leak Stopped

LUST REG 1:

Region: 1
Facility ID: 1TSO417
Staff Initials: Closed

HAZNET:

envid: S102435283
Year: 2013
GEPaid: CAC002746664
Contact: GIOVANNONI & COOPER PROPERTY MANAG

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PLAZA STREET INVESTMENTS (Continued)

S102435283

Telephone: 7074331497
Mailing Name: Not reported
Mailing Address: 418 HEALDSBURG AVE
Mailing City,St,Zip: HEALDSBURG, CA 95448
Gen County: Sonoma
TSD EPA ID: CAD982042475
TSD County: Solano
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Facility County: Not reported

K38
North
1/8-1/4
0.186 mi.
984 ft.

RITE AID DRUG STORE
525 HEALDSBURG AVENUE
HEALDSBURG, CA 95448

SLIC S103984662
N/A

Site 2 of 8 in cluster K

Relative:
Higher

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 02/19/2002
Global Id: T0609794023
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.6153280059279
Longitude: -122.873083949089
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: HEALDSBURG/SEBASTAPOL, CITY OF
RB Case Number: 1NSO816
File Location: Regional Board
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Not reported
Site History: Not reported

Actual:
107 ft.

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

K39
North
1/8-1/4
0.186 mi.
984 ft.

RITE AID NO 6029
525 HEALDSBURG AVE
HEALDSBURG, CA 95448

RCRA-LQG 1000978356
FINDS CA0001007574
SLIC

Site 3 of 8 in cluster K

Relative:
Higher

RCRA-LQG:

Date form received by agency: 08/05/2014
Facility name: RITE AID NO 6029
Facility address: 525 HEALDSBURG AVE
HEALDSBURG, CA 95448 3816
EPA ID: CA0001007574
Mailing address: 30 HUNTER LN
CAMP HILL, PA 17011
Contact: STEPHANIE A CAIATI
Contact address: 30 HUNTER LN
CAMP HILL, PA 17011

Actual:
107 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 6029 (Continued)

1000978356

Contact country: US
Contact telephone: 717-730-8225
Contact email: SSCAIATI@RITEAID.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: PACIFIC REALTY ASSOCIATES LP
Owner/operator address: 15350 SW SEQUOIA PKWY STE 300
PORTLAND, 97224
Owner/operator country: US
Owner/operator telephone: 503-603-5487
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/01/1985
Owner/Op end date: Not reported

Owner/operator name: THRIFTY PAYLESS INC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/01/1997
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 6029 (Continued)

1000978356

- . Waste code: 131
- . Waste name: 131

- . Waste code: 141
- . Waste name: 141

- . Waste code: 214
- . Waste name: 214

- . Waste code: 232
- . Waste name: 232

- . Waste code: 311
- . Waste name: 311

- . Waste code: 791
- . Waste name: 791

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: D010
- . Waste name: SELENIUM

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D024
- . Waste name: M-CRESOL

- . Waste code: D026
- . Waste name: CRESOL

- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Historical Generators:

- Date form received by agency: 03/01/2014
- Site name: RITE AID #5655
- Classification: Large Quantity Generator

- . Waste code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 6029 (Continued)

1000978356

- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D010
- . Waste name: SELENIUM
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D024
- . Waste name: M-CRESOL
- . Waste code: D026
- . Waste name: CRESOL
- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Date form received by agency: 11/04/1998
Site name: RITE AID NO 6029
Classification: Small Quantity Generator

- . Waste code: D000
- . Waste name: Not Defined

- . Waste code: D011
- . Waste name: SILVER

Date form received by agency: 01/13/1995
Site name: RITE AID NO 6029
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002623073

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID NO 6029 (Continued)

1000978356

corrective action activities required under RCRA.

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

SLIC REG 1:

Region: 1
Facility ID: 1NSO816
Staff Initials: BML

K40
North
1/8-1/4
0.197 mi.
1040 ft.

535 HEALDSBURG AVE
HEALDSBURG, CA 95448

EDR US Hist Auto Stat 1015544210
N/A

Site 4 of 8 in cluster K

Relative:
Higher

EDR Historical Auto Stations:

Name: PARADISE BP GAS & MART
Year: 2001
Address: 535 HEALDSBURG AVE

Actual:
108 ft.

Name: HEALDSBURG CHEVRON
Year: 2002
Address: 535 HEALDSBURG AVE

Name: HEALDSBURG UNION 76
Year: 2004
Address: 535 HEALDSBURG AVE

Name: HEALDSBURG UNION 76
Year: 2005
Address: 535 HEALDSBURG AVE

K41
North
1/8-1/4
0.197 mi.
1040 ft.

CHEVRON 92843
535 HEALDSBURG AVE
HEALDSBURG, CA 95448

HIST CORTESE S102427183
LUST N/A
CHMIRS
HAZNET

Site 5 of 8 in cluster K

Relative:
Higher

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO619

Actual:
108 ft.

LUST:

Region: STATE
Global Id: T0609700440
Latitude: 38.6157052405684
Longitude: -122.872123718262
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 12/16/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 92843 (Continued)

S102427183

Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO619
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History: An active gasoline station. Orginally constructed in 19971. In 1982 two 10,000-gallon steel gasoline UST and one 1,000 waste oil UST were removed and replaced with three 10,000 gallon and one 1,000 gallon UST. In 1995 the tanks were removed and replaced. At that time soil samples indicated a release to the subsurface. In 1996 Impacted soil was removed from around the dispenser island. Groundwater monitoring wells were first installed in 1983. In 2002 these wells were removed and replace because there were poorly constructed. In 2006 four deep wells screened between 45 and 50 feet bgs were installed. Site is currently in quarterly monitoring.

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

Contact:

Global Id: T0609700440
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700440
Status: Completed - Case Closed
Status Date: 12/16/2013

Global Id: T0609700440
Status: Open - Case Begin Date
Status Date: 01/01/1996

Global Id: T0609700440
Status: Open - Eligible for Closure
Status Date: 03/19/2013

Global Id: T0609700440
Status: Open - Site Assessment
Status Date: 03/28/1996

Global Id: T0609700440
Status: Open - Site Assessment
Status Date: 04/02/1996

Global Id: T0609700440
Status: Open - Site Assessment
Status Date: 12/23/1999

Global Id: T0609700440

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 92843 (Continued)

S102427183

Status: Open - Site Assessment
Status Date: 04/26/2000

Global Id: T0609700440
Status: Open - Site Assessment
Status Date: 06/18/2002

Global Id: T0609700440
Status: Open - Site Assessment
Status Date: 07/01/2002

Global Id: T0609700440
Status: Open - Verification Monitoring
Status Date: 02/01/2005

Regulatory Activities:

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 03/03/2006
Action: Staff Letter

Global Id: T0609700440
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: Other
Date: 03/18/1996
Action: Leak Reported

Global Id: T0609700440
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 12/20/2011
Action: Site Visit / Inspection / Sampling

Global Id: T0609700440

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 92843 (Continued)

S102427183

Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 06/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 07/27/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 12/08/2004
Action: Meeting

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 01/05/2005
Action: Staff Letter

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 06/17/2011
Action: Staff Letter

Global Id: T0609700440
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 02/01/2006
Action: Other Workplan

Global Id: T0609700440
Action Type: Other
Date: 03/18/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 92843 (Continued)

S102427183

Action: Leak Discovery

Global Id: T0609700440
Action Type: RESPONSE
Date: 10/29/2007
Action: Other Workplan

Global Id: T0609700440
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 05/28/2013
Action: Other Report / Document

Global Id: T0609700440
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 10/11/2005
Action: Other Report / Document

Global Id: T0609700440
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 92843 (Continued)

S102427183

Global Id: T0609700440
Action Type: RESPONSE
Date: 07/01/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700440
Action Type: RESPONSE
Date: 08/31/2002
Action: Soil and Water Investigation Report

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 07/15/2011
Action: Staff Letter

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 06/28/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0609700440
Action Type: Other
Date: 01/01/1996
Action: Leak Began

Global Id: T0609700440
Action Type: RESPONSE
Date: 11/01/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 07/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700440
Action Type: Other
Date: 03/18/1996
Action: Leak Stopped

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 03/28/2013
Action: Staff Letter

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 07/24/2012
Action: Staff Letter

Global Id: T0609700440
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 92843 (Continued)

S102427183

Date: 11/24/2010
Action: Conceptual Site Model - Regulator Responded

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 11/30/2005
Action: Staff Letter

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 03/07/2005
Action: Staff Letter

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 05/04/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 07/16/2002
Action: Staff Letter

Global Id: T0609700440
Action Type: RESPONSE
Date: 06/27/2011
Action: Correspondence

Global Id: T0609700440
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Other

Global Id: T0609700440
Action Type: RESPONSE
Date: 09/01/2011
Action: Well Installation Workplan - Regulator Responded

Global Id: T0609700440
Action Type: RESPONSE
Date: 02/15/2012
Action: Well Installation Report - Regulator Responded

Global Id: T0609700440
Action Type: RESPONSE
Date: 06/15/2012
Action: Correspondence - Regulator Responded

Global Id: T0609700440
Action Type: RESPONSE
Date: 03/13/2013
Action: Request for Closure - Regulator Responded

Global Id: T0609700440
Action Type: RESPONSE
Date: 12/12/2013
Action: Well Destruction Report - Regulator Responded

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 92843 (Continued)

S102427183

Global Id:	T0609700440
Action Type:	ENFORCEMENT
Date:	11/08/2011
Action:	Staff Letter
Global Id:	T0609700440
Action Type:	RESPONSE
Date:	06/27/2006
Action:	Other Report / Document
Global Id:	T0609700440
Action Type:	RESPONSE
Date:	08/25/2006
Action:	Other Report / Document
Global Id:	T0609700440
Action Type:	RESPONSE
Date:	04/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0609700440
Action Type:	ENFORCEMENT
Date:	02/29/2012
Action:	Staff Letter
Global Id:	T0609700440
Action Type:	ENFORCEMENT
Date:	06/24/2010
Action:	File review
Global Id:	T0609700440
Action Type:	ENFORCEMENT
Date:	07/22/2009
Action:	Staff Letter
Global Id:	T0609700440
Action Type:	RESPONSE
Date:	07/11/2008
Action:	Well Destruction Report
Global Id:	T0609700440
Action Type:	RESPONSE
Date:	07/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0609700440
Action Type:	RESPONSE
Date:	10/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0609700440
Action Type:	ENFORCEMENT
Date:	06/04/2013
Action:	Staff Letter
Global Id:	T0609700440
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 92843 (Continued)

S102427183

Date: 12/16/2013
Action: Closure/No Further Action Letter

Global Id: T0609700440
Action Type: ENFORCEMENT
Date: 03/04/2002
Action: Notice of Responsibility

Global Id: T0609700440
Action Type: RESPONSE
Date: 03/01/2005
Action: Other Workplan

Global Id: T0609700440
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

LUST REG 1:

Region: 1
Facility ID: 1TSO619
Staff Initials: BML

CHMIRS:

OES Incident Number: 1-6385
OES notification: 10/26/2011
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 92843 (Continued)

S102427183

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:	1045
Year:	2011
Agency:	Rotten Robbies
Incident Date:	10/26/2011
Admin Agency:	Healdsburg Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Gasoline
Quantity Released:	1
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#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:	RP states that a customer over filled their gas tank causing the release of gasoline to the concrete. The release covered an area of 10' x 5'. Not reported

HAZNET:

envid:	S102427183
Year:	2013
GEPaid:	CAR000242180
Contact:	KATHY NORRIS-SLUSHER
Telephone:	8773866044
Mailing Name:	Not reported
Mailing Address:	PO BOX 6004
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	Sonoma
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.0848
Facility County:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K42
North
1/8-1/4
0.197 mi.
1040 ft.

CHEVRON 92843
535 HEALDSBURG AVE
HEALDSBURG, CA 95448

RCRA NonGen / NLR **1016447626**
FINDS **CAR000242180**

Site 6 of 8 in cluster K

Relative:
Higher

RCRA NonGen / NLR:

Actual:
108 ft.

Date form received by agency: 02/27/2014
Facility name: CHEVRON 92843
Facility address: 535 HEALDSBURG AVE
HEALDSBURG, CA 95448
EPA ID: CAR000242180
Mailing address: PO BOX 6004
SAN RAMON, CA 94583
Contact: JOCKO RODRIGUEZ
Contact address: PO BOX 6004
SAN RAMON, CA 94583
Contact country: US
Contact telephone: 877-386-6044
Contact email: NAWTDESK@CHEVRON.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ROBINSON OIL CORP
Owner/operator address: PO BOX 6004
SAN RAMON, CA 94583
Owner/operator country: US
Owner/operator telephone: 877-386-6044
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/01/2005
Owner/Op end date: Not reported

Owner/operator name: CHEVRON USA
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/01/2005
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
Used oil refiner: No
Used oil fuel marketer to burner: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHEVRON 92843 (Continued)

1016447626

Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 09/24/2013
 Site name: CHEVRON 92843
 Classification: Large Quantity Generator

Waste code: D002
 Waste name: CORROSIVE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110056300863

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.

K43
North
1/8-1/4
0.197 mi.
1040 ft.

PETROLEUM MARKETING
535 HEALDSBURG AVENUE
HEALDSBURG, CA 95448

UST U003803063
N/A

Site 7 of 8 in cluster K

Relative:
Higher

UST:
 Facility ID: 600073
 Permitting Agency: HEALDSBURG/SEBASTAPOL, CITY OF
 Latitude: 38.61486
 Longitude: -122.87196

Actual:
108 ft.

K44
North
1/8-1/4
0.197 mi.
1040 ft.

CHEVRON #2843
535 HEALDSBURG AVE
HEALDSBURG, CA 95448

HIST UST U001610070
SWEEPS UST N/A

Site 8 of 8 in cluster K

Relative:
Higher

HIST UST:
 Region: STATE
 Facility ID: 00000062335
 Facility Type: Gas Station
 Other Type: Not reported
 Contact Name: BECKSTRAND, JACK
 Telephone: 7074331446
 Owner Name: CHEVRON U.S.A. INC.
 Owner Address: 575 MARKET
 Owner City, St, Zip: SAN FRANCISCO, CA 94105
 Total Tanks: 0004

Actual:
108 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #2843 (Continued)

U001610070

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

SWEEPS UST:

Status: Active
Comp Number: 62335
Number: 3
Board Of Equalization: 44-028122
Referral Date: 05-11-93
Action Date: 05-11-93
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-002-062335-000001
Tank Status: A
Capacity: 10000
Active Date: 06-21-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 62335
Number: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #2843 (Continued)

U001610070

Board Of Equalization: 44-028122
Referral Date: 05-11-93
Action Date: 05-11-93
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-002-062335-000002
Tank Status: A
Capacity: 10000
Active Date: 06-21-93
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 62335
Number: 3
Board Of Equalization: 44-028122
Referral Date: 05-11-93
Action Date: 05-11-93
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 49-002-062335-000003
Tank Status: A
Capacity: 10000
Active Date: 05-11-93
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 62335
Number: 3
Board Of Equalization: 44-028122
Referral Date: 05-11-93
Action Date: 05-11-93
Created Date: 02-29-88
Owner Tank Id: 4
SWRCB Tank Id: 49-002-062335-000004
Tank Status: A
Capacity: 1000
Active Date: 12-21-88
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

L45 **OLD COAL GAS PLANT RR-SR-HEB-1**
East **EAST & NORTH STREETS**
1/8-1/4 **HEALDSBURG, CA 95448**
0.201 mi.
1062 ft. **Site 1 of 2 in cluster L**

SLIC **S101315930**
N/A

Relative: SLIC REG 1:
Higher Region: 1
 Facility ID: 1NSO534
Actual: Staff Initials: BML
108 ft.

46 **SAFEWAY NO 998 02**
SSW **1115 VINE**
1/8-1/4 **HEALDSBURG, CA 95448**
0.202 mi.
1067 ft.

RCRA-SQG **1000856918**
FINDS **CA0000001792**

Relative: RCRA-SQG:
Higher Date form received by agency: 09/20/1993
 Facility name: SAFEWAY NO 998 02
Actual: Facility address: 1115 VINE
103 ft. HEALDSBURG, CA 95448
 EPA ID: CA0000001792
 Contact: RON CIA
 Contact address: 1115 VINE
 HEALDSBURG, CA 95448
 Contact country: US
 Contact telephone: (707) 431-7102
 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: SAFEWAY
 Owner/operator address: 47400 KATO RD
 FREMONT, CA 94538
 Owner/operator country: Not reported
 Owner/operator telephone: (510) 498-2011
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:
 U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFeway NO 998 02 (Continued)

1000856918

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: 110002610194

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.

L47
East
1/8-1/4
0.205 mi.
1080 ft.

OLD GAS PLANT
EAST STREET AT NORTH STREET
HEALDSBURG, CA 95448

EDR MGP 1008407687
N/A

Site 2 of 2 in cluster L

Relative:
Higher

Manufactured Gas Plants:
 No additional information available

Actual:
108 ft.

48
SSW
1/8-1/4
0.208 mi.
1099 ft.

PERALCO
95 W MATHESON ST
HEALDSBURG, CA 95448

RCRA-SQG 1000148669
CAD981995715

Relative:
Higher

RCRA-SQG:
 Date form received by agency: 02/26/2004
 Facility name: PERALCO
 Facility address: 95 W MATHESON ST
 HEALDSBURG, CA 95448
 EPA ID: CAD981995715
 Mailing address: P.O.BOX 444
 HEALDSBURG, CA 95448
 Contact: MAURICE E STRAUSS
 Contact address: Not reported
 Not reported
 Contact country: US
 Contact telephone: (707) 433-3841
 Contact email: PERALCO@HOTMAIL.COM
 EPA Region: 09
 Land type: Private
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PERALCO (Continued)

1000148669

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: LUSTRE-CAL NAMEPLATE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/31/1987
Owner/Op end date: Not reported

Owner/operator name: LAURIE ANN AND MARK PARRISH
Owner/operator address: 5754 TRAILWOOD DR
SANTA ROSA, CA 95404
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/07/1996
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: 02/26/2004
Site name: PERALCO
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

Date form received by agency: 02/26/2002
Site name: PERALCO
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PERALCO (Continued)

1000148669

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

Date form received by agency: 10/12/2000
Site name: PERALCO
Classification: Large Quantity Generator

Date form received by agency: 04/15/1999
Site name: PERALCO
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: PERALCO
Classification: Large Quantity Generator

Date form received by agency: 01/08/1996
Site name: PERALCO
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994
Site name: PERALCO
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Site name: PERALCO
Classification: Large Quantity Generator

Date form received by agency: 04/12/1990
Site name: PERALCO
Classification: Large Quantity Generator

Date form received by agency: 04/08/1987
Site name: PERALCO
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: F - 279
Area of violation: Used Oil - Generators
Date violation determined: 12/07/2000
Date achieved compliance: 12/07/2000
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 01/30/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 279
Area of violation: Used Oil - Generators
Date violation determined: 12/07/2000
Date achieved compliance: 12/07/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PERALCO (Continued)

1000148669

Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/04/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 06/03/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/07/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 12/07/2000
Evaluation lead agency: EPA

M49
SSE
1/8-1/4
0.212 mi.
1117 ft.

SKYLARK BAR
245 HEALDSBURG
HEALDSBURG, CA 95448

HIST CORTESE **S102437650**
LUST **N/A**

Site 1 of 3 in cluster M

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO439

Actual:
103 ft.

LUST:

Region: STATE
Global Id: T0609700315
Latitude: 38.6101722670219
Longitude: -122.870618999004
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 03/02/1994
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO439
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0609700315
Contact Type: Regional Board Caseworker

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SKYLARK BAR (Continued)

S102437650

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: T0609700315
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700315
Status: Completed - Case Closed
Status Date: 03/02/1994

Global Id: T0609700315
Status: Open - Case Begin Date
Status Date: 05/09/1991

Global Id: T0609700315
Status: Open - Remediation
Status Date: 03/01/1994

Global Id: T0609700315
Status: Open - Site Assessment
Status Date: 05/24/1991

Global Id: T0609700315
Status: Open - Site Assessment
Status Date: 03/01/1994

Global Id: T0609700315
Status: Open - Verification Monitoring
Status Date: 03/01/1994

Regulatory Activities:

Global Id: T0609700315
Action Type: ENFORCEMENT
Date: 05/24/1991
Action: * Historical Enforcement

Global Id: T0609700315
Action Type: Other
Date: 05/09/1991
Action: Leak Reported

Global Id: T0609700315
Action Type: Other
Date: 05/09/1991
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SKYLARK BAR (Continued)

S102437650

Global Id: T0609700315
Action Type: Other
Date: 05/09/1991
Action: Leak Stopped

LUST REG 1:

Region: 1
Facility ID: 1TSO439
Staff Initials: Closed

50
SSE
1/8-1/4
0.212 mi.
1120 ft.

1011 VINE ST
HEALDSBURG, CA 95448

EDR US Hist Cleaners 1014968104
N/A

Relative:
Higher
Actual:
103 ft.

EDR Historical Cleaners:

Name: CRYSTAL CLEANERS
Year: 2001
Address: 1011 VINE ST

Name: CRYSTAL CLEANERS
Year: 2003
Address: 1011 VINE ST

Name: CRYSTAL CLEANERS
Year: 2004
Address: 1011 VINE ST

Name: CRYSTAL CLEANERS
Year: 2005
Address: 1011 VINE ST

Name: CRYSTAL CLEANERS
Year: 2006
Address: 1011 VINE ST

Name: CRYSTAL CLEANERS
Year: 2007
Address: 1011 VINE ST

Name: VINE STREET CLEANERS
Year: 2008
Address: 1011 VINE ST

Name: VINE STREET CLEANERS
Year: 2010
Address: 1011 VINE ST

Name: NATURAL CLEAN CLEANERS
Year: 2011
Address: 1011 VINE ST

Name: NATURAL CLEAN CLEANERS
Year: 2012
Address: 1011 VINE ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M51
SSE
1/8-1/4
0.224 mi.
1183 ft.

DEAS PROPERTY
235 HEALDSBURG AVENUE
HEALDSBURG, CA 95448

LUST S106448283
N/A

Site 2 of 3 in cluster M

Relative:
Higher

LUST:

Actual:
103 ft.

Region: STATE
Global Id: T0609722482
Latitude: 38.6096273298779
Longitude: -122.870954275131
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 01/26/2012
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO866
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: In April 2004 during regrading for building construction, a buried redwood tank that contained petroleum hydrocarbons was encountered. Tank debris and hydrocarbon stained soil (approximately 200 cubic yards) were excavated from the site. Impacted soil extended from 8 to 14 feet depth. Grab ground water sampling indicated that the groundwater was not impacted. Staff determined that the site should be closed with no further remediation required.

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

Contact:

Global Id: T0609722482
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

Status History:

Global Id: T0609722482
Status: Completed - Case Closed
Status Date: 01/26/2012

Global Id: T0609722482
Status: Open - Case Begin Date
Status Date: 04/19/2004

Global Id: T0609722482
Status: Open - Site Assessment
Status Date: 04/21/2004

Global Id: T0609722482
Status: Open - Site Assessment
Status Date: 03/27/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEAS PROPERTY (Continued)

S106448283

Regulatory Activities:

Global Id:	T0609722482
Action Type:	Other
Date:	04/19/2004
Action:	Leak Reported
Global Id:	T0609722482
Action Type:	ENFORCEMENT
Date:	04/26/2005
Action:	Site Visit / Inspection / Sampling
Global Id:	T0609722482
Action Type:	ENFORCEMENT
Date:	04/28/2005
Action:	File review
Global Id:	T0609722482
Action Type:	ENFORCEMENT
Date:	11/01/2005
Action:	* Verbal Communication
Global Id:	T0609722482
Action Type:	ENFORCEMENT
Date:	12/23/2011
Action:	Notification - Preclosure
Global Id:	T0609722482
Action Type:	ENFORCEMENT
Date:	12/16/2011
Action:	File Review - Closure
Global Id:	T0609722482
Action Type:	ENFORCEMENT
Date:	02/19/2009
Action:	Verbal Enforcement
Global Id:	T0609722482
Action Type:	RESPONSE
Date:	04/19/2004
Action:	Interim Remedial Action Plan
Global Id:	T0609722482
Action Type:	ENFORCEMENT
Date:	01/26/2012
Action:	Closure/No Further Action Letter
Global Id:	T0609722482
Action Type:	ENFORCEMENT
Date:	01/05/2006
Action:	* No Action
Global Id:	T0609722482
Action Type:	ENFORCEMENT
Date:	04/23/2004
Action:	Staff Letter
Global Id:	T0609722482

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEAS PROPERTY (Continued)

S106448283

Action Type: Other
Date: 04/19/2004
Action: Leak Stopped

Global Id: T0609722482
Action Type: Other
Date: 04/19/2004
Action: Leak Discovery

Global Id: T0609722482
Action Type: RESPONSE
Date: 01/20/2012
Action: Correspondence - Regulator Responded

Global Id: T0609722482
Action Type: RESPONSE
Date: 05/10/2010
Action: Sensitive Receptor Survey Report - Regulator Responded

Global Id: T0609722482
Action Type: RESPONSE
Date: 12/19/2005
Action: Other Report / Document

Global Id: T0609722482
Action Type: REMEDIATION
Date: 04/20/2004
Action: Excavation

M52
SSE
1/8-1/4
0.232 mi.
1227 ft.

**PLAZA SQUARE ASSOCIATES
230 HEALDSBURG AVENUE
HEALDSBURG, CA 95448**

**LUST S116282758
N/A**

Site 3 of 3 in cluster M

**Relative:
Higher**

LUST:
Region: STATE
Global Id: T10000005657
Latitude: 38.609603
Longitude: -122.869995
Case Type: Not reported
Status: Open - Site Assessment
Status Date: 02/14/2014
Lead Agency: Not reported
Case Worker: BML
Local Agency: Not reported
RB Case Number: 1TSO934
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

**Actual:
103 ft.**

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

Contact:
Global Id: T10000005657

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PLAZA SQUARE ASSOCIATES (Continued)

S116282758

Contact Type: Regional Board Caseworker
Contact Name: BETH LAMB
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: blamb@waterboards.ca.gov
Phone Number: 7075762220

Status History:

Global Id: T10000005657
Status: Open - Case Begin Date
Status Date: 11/01/2013

Global Id: T10000005657
Status: Open - Site Assessment
Status Date: 02/14/2014

Regulatory Activities:

Global Id: T10000005657
Action Type: Other
Date: 01/31/2014
Action: Leak Reported

Global Id: T10000005657
Action Type: RESPONSE
Date: 01/31/2014
Action: Preliminary Site Assessment Report

Global Id: T10000005657
Action Type: ENFORCEMENT
Date: 09/06/2014
Action: Staff Letter

Global Id: T10000005657
Action Type: Other
Date: 11/01/2013
Action: Leak Discovery

Global Id: T10000005657
Action Type: RESPONSE
Date: 03/19/2013
Action: Site Assessment Report

Global Id: T10000005657
Action Type: ENFORCEMENT
Date: 02/19/2014
Action: 13267 Requirement

Global Id: T10000005657
Action Type: RESPONSE
Date: 07/15/2014
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000005657
Action Type: RESPONSE
Date: 07/15/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PLAZA SQUARE ASSOCIATES (Continued)

S116282758

Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000005657
Action Type: RESPONSE
Date: 05/20/2014
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000005657
Action Type: ENFORCEMENT
Date: 02/02/2015
Action: Clean Up Fund - Letter to RP

Global Id: T10000005657
Action Type: Other
Date: 11/01/2013
Action: Leak Began

**N53
SSE
1/8-1/4
0.239 mi.
1260 ft.**

**FAST GAS
219 HEALDSBURG AVE
HEALDSBURG, CA 408**

**HIST UST U001560146
SWEEPS UST N/A**

Site 1 of 6 in cluster N

**Relative:
Higher**

HIST UST:
Region: STATE
Facility ID: 00000010169
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 7074339803
Owner Name: KAYO OIL COMPANY
Owner Address: 1221 E. MAIN STREET
Owner City,St,Zip: CHATTANOOGA TN, OM 408
Total Tanks: 0002

**Actual:
103 ft.**

Tank Num: 001
Container Num: 1
Year Installed: 1971
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 002
Container Num: 2
Year Installed: 1971
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor, Pressure Test

SWEEPS UST:
Status: Active
Comp Number: 10169

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAST GAS (Continued)

U001560146

Number: 1
Board Of Equalization: 44-028110
Referral Date: 05-06-92
Action Date: 05-06-92
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-002-010169-000001
Tank Status: A
Capacity: 10000
Active Date: 12-08-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 3

Status: Active
Comp Number: 10169
Number: 1
Board Of Equalization: 44-028110
Referral Date: 05-06-92
Action Date: 05-06-92
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-002-010169-000002
Tank Status: A
Capacity: 10000
Active Date: 08-22-90
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 10169
Number: 1
Board Of Equalization: 44-028110
Referral Date: 05-06-92
Action Date: 05-06-92
Created Date: 02-29-88
Owner Tank Id: 003
SWRCB Tank Id: 49-002-010169-000003
Tank Status: A
Capacity: 10000
Active Date: 12-08-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

N54
SSE
 1/8-1/4
 0.239 mi.
 1260 ft.

ULTRAMAR #701
HEALDSBURG AVENUE 219
HEALDSBURG, CA

LUST **S101309767**
N/A

Site 2 of 6 in cluster N

Relative:
Higher

Actual:
103 ft.

LUST REG 1:
 Region: 1
 Facility ID: 1TSO412
 Staff Initials: BML

N55
SSE
 1/8-1/4
 0.239 mi.
 1260 ft.

ULLTRAMAR STATION #701
219 HEALDSBURG AVENUE
HEALDSBURG, CA 95448

UST **U003949168**
N/A

Site 3 of 6 in cluster N

Relative:
Higher

Actual:
103 ft.

UST:
 Facility ID: 600063
 Permitting Agency: HEALDSBURG/SEBASTAPOL, CITY OF
 Latitude: 38.610412
 Longitude: -122.86924

N56
SSE
 1/8-1/4
 0.239 mi.
 1260 ft.

ULTRAMAR #701
219 HEALDSBURG AVENUE
HEALDSBURG, CA 95448

HIST CORTESE **S103952152**
LUST **N/A**

Site 4 of 6 in cluster N

Relative:
Higher

Actual:
103 ft.

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 49
 Reg By: LTNKA
 Reg Id: 1TSO412

LUST:
 Region: STATE
 Global Id: T0609700296
 Latitude: 38.6089985511071
 Longitude: -122.870321273804
 Case Type: Not reported
 Status: Completed - Case Closed
 Status Date: 09/13/2004
 Lead Agency: Not reported
 Case Worker: ZZZ
 Local Agency: Not reported
 RB Case Number: 1TSO412
 LOC Case Number: Not reported
 File Location: Regional Board
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

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

Contact:
 Global Id: T0609700296
 Contact Type: Regional Board Caseworker

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ULTRAMAR #701 (Continued)

S103952152

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: T0609700296
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700296
Status: Completed - Case Closed
Status Date: 09/13/2004

Global Id: T0609700296
Status: Open - Case Begin Date
Status Date: 01/01/1991

Global Id: T0609700296
Status: Open - Remediation
Status Date: 10/12/2000

Global Id: T0609700296
Status: Open - Site Assessment
Status Date: 01/12/1991

Global Id: T0609700296
Status: Open - Site Assessment
Status Date: 06/20/1991

Global Id: T0609700296
Status: Open - Site Assessment
Status Date: 12/04/1991

Global Id: T0609700296
Status: Open - Site Assessment
Status Date: 10/12/2000

Global Id: T0609700296
Status: Open - Site Assessment
Status Date: 04/24/2002

Global Id: T0609700296
Status: Open - Verification Monitoring
Status Date: 10/12/2000

Regulatory Activities:

Global Id: T0609700296
Action Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ULTRAMAR #701 (Continued)

S103952152

Date: 01/04/1991
Action: Leak Reported

Global Id: T0609700296
Action Type: ENFORCEMENT
Date: 06/18/2004
Action: Notification - Preclosure

Global Id: T0609700296
Action Type: ENFORCEMENT
Date: 10/22/2002
Action: * No Action

Global Id: T0609700296
Action Type: Other
Date: 01/04/1991
Action: Leak Discovery

Global Id: T0609700296
Action Type: Other
Date: 01/04/1991
Action: Leak Stopped

Global Id: T0609700296
Action Type: Other
Date: 01/01/1991
Action: Leak Began

Global Id: T0609700296
Action Type: ENFORCEMENT
Date: 10/23/2002
Action: File review

Global Id: T0609700296
Action Type: ENFORCEMENT
Date: 09/13/2004
Action: Closure/No Further Action Letter

Global Id: T0609700296
Action Type: ENFORCEMENT
Date: 01/12/1991
Action: * Historical Enforcement

Global Id: T0609700296
Action Type: RESPONSE
Date: 09/07/2004
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N57
SSE
1/8-1/4
0.240 mi.
1269 ft.

219 HEALDSBURG AVE
HEALDSBURG, CA 95448

EDR US Hist Auto Stat **1015330988**
N/A

Site 5 of 6 in cluster N

Relative:
Higher

EDR Historical Auto Stations:

Actual:
103 ft.

Name: ULTRAMAR
Year: 1999
Address: 219 HEALDSBURG AVE

Name: ULTRAMAR
Year: 2000
Address: 219 HEALDSBURG AVE

Name: ULTRAMAR
Year: 2001
Address: 219 HEALDSBURG AVE

Name: ULTRAMAR
Year: 2002
Address: 219 HEALDSBURG AVE

Name: ULTRAMAR
Year: 2003
Address: 219 HEALDSBURG AVE

Name: HEALDSBURG GAS & FOODMART
Year: 2005
Address: 219 HEALDSBURG AVE

Name: HEALDSBURG GAS & FOODMART
Year: 2006
Address: 219 HEALDSBURG AVE

58
SE
1/4-1/2
0.257 mi.
1357 ft.

HEALDSBURG FIRE DEPARTMEN
238 CENTER
HEALDSBURG, CA 95448

HIST CORTESE **S104163265**
LUST **N/A**

Relative:
Higher

HIST CORTESE:

Actual:
103 ft.

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO522

LUST:

Region: STATE
Global Id: T0609700368
Latitude: 38.6102812539541
Longitude: -122.869033813477
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 05/18/2009
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO522

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEALDSBURG FIRE DEPARTMEN (Continued)

S104163265

LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: A former trucking yard which was used as the Fire Department. Currently it has been redeveloped as the City Hall and Police Department. In August 1992 one 2,000 gallon fuel UST was removed from the property. Soil sampling indicated that the tank had leaked. Approximately 288 yards of impacted soil was excavated and removed from the site. Confirmation soil sampling and pit water sampling showed low concentrations of gasoline and Benzene in the tanks pit.

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

Contact:

Global Id: T0609700368
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Global Id: T0609700368
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

Status History:

Global Id: T0609700368
Status: Completed - Case Closed
Status Date: 05/18/2009

Global Id: T0609700368
Status: Open - Case Begin Date
Status Date: 08/13/1992

Global Id: T0609700368
Status: Open - Inactive
Status Date: 03/27/2009

Global Id: T0609700368
Status: Open - Remediation
Status Date: 05/23/1995

Global Id: T0609700368
Status: Open - Site Assessment
Status Date: 08/14/1992

Global Id: T0609700368
Status: Open - Site Assessment
Status Date: 04/28/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEALDSBURG FIRE DEPARTMEN (Continued)

S104163265

Global Id: T0609700368
Status: Open - Site Assessment
Status Date: 06/02/1993

Global Id: T0609700368
Status: Open - Site Assessment
Status Date: 05/23/1995

Global Id: T0609700368
Status: Open - Site Assessment
Status Date: 02/11/2009

Regulatory Activities:

Global Id: T0609700368
Action Type: ENFORCEMENT
Date: 08/14/1992
Action: * Historical Enforcement

Global Id: T0609700368
Action Type: Other
Date: 08/13/1992
Action: Leak Reported

Global Id: T0609700368
Action Type: ENFORCEMENT
Date: 02/13/2009
Action: File review

Global Id: T0609700368
Action Type: Other
Date: 08/13/1992
Action: Leak Discovery

Global Id: T0609700368
Action Type: ENFORCEMENT
Date: 02/11/2009
Action: File review

Global Id: T0609700368
Action Type: ENFORCEMENT
Date: 05/18/2009
Action: Closure/No Further Action Letter

Global Id: T0609700368
Action Type: Other
Date: 08/13/1992
Action: Leak Stopped

Global Id: T0609700368
Action Type: ENFORCEMENT
Date: 04/17/2009
Action: Notification - Preclosure

LUST REG 1:
Region: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEALDSBURG FIRE DEPARTMEN (Continued)

S104163265

Facility ID: 1TSO522
Staff Initials: BML

**N59
SSE
1/4-1/2
0.261 mi.
1377 ft.**

**EMPIRE LINEN SERVICE
206 HEALDSBURG AVE
HEALDSBURG, CA 95448**

Site 6 of 6 in cluster N

**HIST CORTESE
LUST
HIST UST
SWEEPS UST**

**U001610106
N/A**

**Relative:
Higher**

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO669

**Actual:
102 ft.**

LUST:

Region: STATE
Global Id: T0609700478
Latitude: 38.6086380487933
Longitude: -122.869452238083
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 12/17/2003
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO669
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline, Diesel
Site History: Not reported

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

Contact:

Global Id: T0609700478
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

Status History:

Global Id: T0609700478
Status: Completed - Case Closed
Status Date: 12/17/2003

Global Id: T0609700478
Status: Open - Case Begin Date
Status Date: 05/19/1998

Global Id: T0609700478
Status: Open - Site Assessment
Status Date: 06/01/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMPIRE LINEN SERVICE (Continued)

U001610106

Global Id: T0609700478
Status: Open - Site Assessment
Status Date: 10/12/1999

Regulatory Activities:

Global Id: T0609700478
Action Type: Other
Date: 05/19/1998
Action: Leak Reported

Global Id: T0609700478
Action Type: Other
Date: 05/19/1998
Action: Leak Discovery

Global Id: T0609700478
Action Type: RESPONSE
Date: 12/30/2003
Action: Other Report / Document

Global Id: T0609700478
Action Type: ENFORCEMENT
Date: 12/17/2003
Action: Closure/No Further Action Letter

Global Id: T0609700478
Action Type: RESPONSE
Date: 02/21/2003
Action: Other Report / Document

Global Id: T0609700478
Action Type: ENFORCEMENT
Date: 03/28/2003
Action: Notification - Public Notice of Case Closure

Global Id: T0609700478
Action Type: Other
Date: 05/19/1998
Action: Leak Stopped

Global Id: T0609700478
Action Type: ENFORCEMENT
Date: 05/29/2003
Action: Notification - Preclosure

HIST UST:

Region: STATE
Facility ID: 00000065328
Facility Type: Other
Other Type: LINEN SERVICE
Contact Name: Not reported
Telephone: 7074334893
Owner Name: HEALSBURG STEAM LANDRY
Owner Address: 206 HEALSBURG AVE.
Owner City,St,Zip: HEALDSBURG, CA 95448

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EMPIRE LINEN SERVICE (Continued)

U001610106

Total Tanks: 0001
 Tank Num: 001
 Container Num: #1
 Year Installed: 1924
 Tank Capacity: 00001000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: Not reported
 Leak Detection: None

SWEEPS UST:

Status: Not reported
 Comp Number: 65328
 Number: Not reported
 Board Of Equalization: Not reported
 Referral Date: Not reported
 Action Date: Not reported
 Created Date: Not reported
 Owner Tank Id: Not reported
 SWRCB Tank Id: 49-002-065328-000001
 Tank Status: Not reported
 Capacity: 1000
 Active Date: Not reported
 Tank Use: EMPTY
 STG: PRODUCT
 Content: Not reported
 Number Of Tanks: 1

O60
SSE
 1/4-1/2
 0.264 mi.
 1396 ft.

204 HEALDSBURG AVENUE
HEALDSBURG, CA 93669
Site 1 of 2 in cluster O

Notify 65 S100225800
N/A

Relative:
Higher
Actual:
102 ft.

NOTIFY 65:
 Date Reported: Not reported
 Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Incident Description: 93669

O61
SSE
 1/4-1/2
 0.264 mi.
 1396 ft.

BURCH, LEROY & LYDIA
204 HEALDSBURG
HEALDSBURG, CA 95448
Site 2 of 2 in cluster O

HIST CORTESE S100353230
LUST N/A

Relative:
Higher
Actual:
102 ft.

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 49
 Reg By: LTNKA
 Reg Id: 1TSO338

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURCH, LEROY & LYDIA (Continued)

S100353230

LUST:

Region: STATE
Global Id: T0609700246
Latitude: 38.6084871403102
Longitude: -122.869774103165
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 09/24/2013
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO338
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History:

The site is located in a mixed commercial/light -industrial area. The property is currently occupied by commercial buildings containing various shops. Between November 1990 and May 1991, 10 underground tanks (USTs) were removed from the site: three 2,000-gallon gasoline USTs, two 3,000-gallon diesel USTs, two 1,000-gallon gasoline USRs and three 5,000-gallon waste oil USTs. Remediation included three phases of over-excavation of contaminated soil in November 1993, October 1994 (426 tons) and September 1996 (228 tons). In May 2006 an ozone sparge system started operation using six ozone sparge points. The ozone system ran until 2010 and then groundwater was monitored to verify that the remediation was successful. The environmental investigation at this site included numerous soil and groundwater sampling locations to define the lateral and vertical extent contamination. Dissolved concentrations of petroleum hydrocarbons (including gasoline and diesel) have declined in all site monitoring wells due to remediation and are now limited in extent and expected to continue to decrease due to natural attenuation. Concentrations of hexavalent chromium and bromate both byproducts of the ozone injection were detected in groundwater at the injection locations. These were short term localized impacts that have decreased since injection ceased. In addition, these byproducts are not detected in groundwater collected from the monitoring wells. Concentrations of tertiary butyl ether (TBA) have been detected in the groundwater at two monitoring wells. However, TBA impacts to groundwater are not considered to be associated with the release from the former tanks on this property. Concentrations of TBA increased starting in 2009 but since January 2011 have been consistently decreasing and are expected to be below detection limits within the next 10 years. No free product or dissolved concentrations of methyl tertiary butyl ether (MTBE) are currently detected in groundwater samples collected from this investigation. The site complies with the State Water Resources Control Boards Low-Threat Underground Storage Tank Case Closure Policy and the case was closed with no further action required on September 24, 2013.

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

Contact:

Global Id: T0609700246
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURCH, LEROY & LYDIA (Continued)

S100353230

Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Global Id: T0609700246
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

Status History:

Global Id: T0609700246
Status: Completed - Case Closed
Status Date: 09/24/2013

Global Id: T0609700246
Status: Open - Case Begin Date
Status Date: 01/01/1990

Global Id: T0609700246
Status: Open - Eligible for Closure
Status Date: 08/05/2013

Global Id: T0609700246
Status: Open - Remediation
Status Date: 05/14/2006

Global Id: T0609700246
Status: Open - Remediation
Status Date: 05/29/2009

Global Id: T0609700246
Status: Open - Site Assessment
Status Date: 03/23/1990

Global Id: T0609700246
Status: Open - Site Assessment
Status Date: 11/01/1993

Global Id: T0609700246
Status: Open - Site Assessment
Status Date: 11/22/1993

Global Id: T0609700246
Status: Open - Site Assessment
Status Date: 04/03/2001

Global Id: T0609700246
Status: Open - Verification Monitoring
Status Date: 03/03/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURCH, LEROY & LYDIA (Continued)

S100353230

Regulatory Activities:

Global Id:	T0609700246
Action Type:	ENFORCEMENT
Date:	05/05/2006
Action:	Staff Letter
Global Id:	T0609700246
Action Type:	RESPONSE
Date:	06/29/2005
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0609700246
Action Type:	RESPONSE
Date:	07/15/2005
Action:	Other Report / Document
Global Id:	T0609700246
Action Type:	RESPONSE
Date:	01/15/2013
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609700246
Action Type:	RESPONSE
Date:	04/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0609700246
Action Type:	RESPONSE
Date:	10/16/2006
Action:	Other Report / Document
Global Id:	T0609700246
Action Type:	Other
Date:	03/16/1990
Action:	Leak Reported
Global Id:	T0609700246
Action Type:	RESPONSE
Date:	12/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0609700246
Action Type:	RESPONSE
Date:	09/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0609700246
Action Type:	ENFORCEMENT
Date:	10/29/2004
Action:	File review
Global Id:	T0609700246
Action Type:	ENFORCEMENT
Date:	08/12/2010
Action:	Staff Letter
Global Id:	T0609700246

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURCH, LEROY & LYDIA (Continued)

S100353230

Action Type: RESPONSE
Date: 08/29/2008
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700246
Action Type: RESPONSE
Date: 09/07/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700246
Action Type: RESPONSE
Date: 06/28/2010
Action: Monitoring Report - Other

Global Id: T0609700246
Action Type: RESPONSE
Date: 04/15/2010
Action: Other Workplan

Global Id: T0609700246
Action Type: Other
Date: 03/16/1990
Action: Leak Discovery

Global Id: T0609700246
Action Type: ENFORCEMENT
Date: 10/24/2002
Action: * Historical Enforcement

Global Id: T0609700246
Action Type: RESPONSE
Date: 06/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700246
Action Type: RESPONSE
Date: 04/13/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700246
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700246
Action Type: ENFORCEMENT
Date: 10/03/2011
Action: Staff Letter

Global Id: T0609700246
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700246
Action Type: RESPONSE
Date: 01/15/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURCH, LEROY & LYDIA (Continued)

S100353230

Action: Monitoring Report - Semi-Annually

Global Id: T0609700246
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0609700246
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700246
Action Type: RESPONSE
Date: 04/13/2006
Action: Other Report / Document

Global Id: T0609700246
Action Type: ENFORCEMENT
Date: 03/22/2010
Action: Staff Letter

Global Id: T0609700246
Action Type: Other
Date: 03/16/1990
Action: Leak Stopped

Global Id: T0609700246
Action Type: ENFORCEMENT
Date: 06/06/2008
Action: Waste Discharge Requirements

Global Id: T0609700246
Action Type: Other
Date: 01/01/1990
Action: Leak Began

Global Id: T0609700246
Action Type: RESPONSE
Date: 12/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700246
Action Type: RESPONSE
Date: 09/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700246
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700246
Action Type: RESPONSE
Date: 04/22/2003
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURCH, LEROY & LYDIA (Continued)

S100353230

Global Id:	T0609700246
Action Type:	ENFORCEMENT
Date:	08/29/2005
Action:	Staff Letter
Global Id:	T0609700246
Action Type:	RESPONSE
Date:	07/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0609700246
Action Type:	ENFORCEMENT
Date:	06/04/2013
Action:	Notification - Public Notice of Case Closure
Global Id:	T0609700246
Action Type:	ENFORCEMENT
Date:	08/09/2013
Action:	Staff Letter
Global Id:	T0609700246
Action Type:	ENFORCEMENT
Date:	05/29/2003
Action:	Staff Letter
Global Id:	T0609700246
Action Type:	ENFORCEMENT
Date:	09/24/2013
Action:	Closure/No Further Action Letter
Global Id:	T0609700246
Action Type:	ENFORCEMENT
Date:	02/01/2008
Action:	Waste Discharge Requirements
Global Id:	T0609700246
Action Type:	ENFORCEMENT
Date:	08/09/2002
Action:	Staff Letter
Global Id:	T0609700246
Action Type:	RESPONSE
Date:	01/11/2010
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0609700246
Action Type:	RESPONSE
Date:	05/15/2013
Action:	Request for Closure - Regulator Responded
Global Id:	T0609700246
Action Type:	RESPONSE
Date:	07/31/2013
Action:	Well Destruction Workplan - Regulator Responded
Global Id:	T0609700246
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURCH, LEROY & LYDIA (Continued)

S100353230

Date: 09/20/2013
Action: Well Destruction Report - Regulator Responded

Global Id: T0609700246
Action Type: ENFORCEMENT
Date: 03/23/1990
Action: * Historical Enforcement

Global Id: T0609700246
Action Type: ENFORCEMENT
Date: 04/28/2008
Action: Notification - Public Participation Document

Global Id: T0609700246
Action Type: ENFORCEMENT
Date: 01/29/2010
Action: Staff Letter

Global Id: T0609700246
Action Type: RESPONSE
Date: 12/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700246
Action Type: RESPONSE
Date: 01/18/2008
Action: NPDES / WDR Reports

Global Id: T0609700246
Action Type: RESPONSE
Date: 04/14/2008
Action: NPDES / WDR Reports

Global Id: T0609700246
Action Type: REMEDIATION
Date: 09/19/1996
Action: Excavation

Global Id: T0609700246
Action Type: ENFORCEMENT
Date: 10/24/2002
Action: File review

Global Id: T0609700246
Action Type: ENFORCEMENT
Date: 12/31/2003
Action: File review

Global Id: T0609700246
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Staff Letter

Global Id: T0609700246
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURCH, LEROY & LYDIA (Continued)

S100353230

Global Id: T0609700246
Action Type: RESPONSE
Date: 05/30/2008
Action: NPDES / WDR Reports

Global Id: T0609700246
Action Type: RESPONSE
Date: 10/01/2004
Action: Other Report / Document

Global Id: T0609700246
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700246
Action Type: REMEDIATION
Date: 10/01/1994
Action: Excavation

Global Id: T0609700246
Action Type: REMEDIATION
Date: 05/14/2006
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700246
Action Type: REMEDIATION
Date: 11/01/1993
Action: Excavation

LUST REG 1:

Region: 1
Facility ID: 1TSO338
Staff Initials: BML

P62
North
1/4-1/2
0.266 mi.
1406 ft.

SANTA ROSA POOL
75 GRANT STREET
HEALDSBURG, CA 95448

Site 1 of 3 in cluster P

HIST CORTESE
LUST
Notify 65

S100179008
N/A

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO259

Actual:
110 ft.

LUST:

Region: STATE
Global Id: T0609700196
Latitude: 38.615935771872
Longitude: -122.873105406761
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 02/11/1993
Lead Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA POOL (Continued)

S100179008

Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO259
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:

Global Id: T0609700196
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: T0609700196
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700196
Status: Completed - Case Closed
Status Date: 02/11/1993

Global Id: T0609700196
Status: Open - Case Begin Date
Status Date: 04/17/1989

Global Id: T0609700196
Status: Open - Remediation
Status Date: 02/10/1993

Global Id: T0609700196
Status: Open - Site Assessment
Status Date: 06/29/1989

Global Id: T0609700196
Status: Open - Site Assessment
Status Date: 08/21/1989

Global Id: T0609700196
Status: Open - Site Assessment
Status Date: 11/17/1989

Global Id: T0609700196
Status: Open - Site Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ROSA POOL (Continued)

S100179008

Status Date: 02/10/1993
Global Id: T0609700196
Status: Open - Verification Monitoring
Status Date: 02/10/1993

Regulatory Activities:

Global Id: T0609700196
Action Type: Other
Date: 04/17/1989
Action: Leak Reported

Global Id: T0609700196
Action Type: Other
Date: 04/17/1989
Action: Leak Discovery

Global Id: T0609700196
Action Type: ENFORCEMENT
Date: 02/11/1993
Action: * Historical Enforcement

Global Id: T0609700196
Action Type: Other
Date: 04/17/1989
Action: Leak Stopped

LUST REG 1:

Region: 1
Facility ID: 1TSO259
Staff Initials: Closed

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 93669

P63
North
1/4-1/2
0.270 mi.
1425 ft.

HEALDSBURG FIRE DEPARTMENT
601 HEALDSBURG AVENUE
HEALDSBURG, CA 95448
Site 2 of 3 in cluster P

LUST S108202023
N/A

Relative:
Higher

LUST:
Region: STATE
Global Id: T0609796806
Latitude: 38.6159567292265
Longitude: -122.872821092606
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 02/25/2013
Lead Agency: Not reported

Actual:
111 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEALDSBURG FIRE DEPARTMENT (Continued)

S108202023

Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO832
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: Gasoline, Diesel
Site History: Initially a leak was detected at the fueling pump. Soil sampling and groundwater sampling showed limited impacts. On September 5, 2008 the 12,000 gallon UST, installed in 1991, at the Fire Department was removed. No soil impacts were observed. Grab groundwater sampling showed low concentrations of diesel and MTBE which may be from adjacent UST release. Site investigation was closed based on State Water Resources Control Boards Low-Threat Underground Storage Tank Case Closure Policy on July 1, 2013

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

Contact:
Global Id: T0609796806
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

Status History:
Global Id: T0609796806
Status: Completed - Case Closed
Status Date: 02/25/2013

Global Id: T0609796806
Status: Open - Case Begin Date
Status Date: 12/23/2001

Global Id: T0609796806
Status: Open - Eligible for Closure
Status Date: 02/25/2013

Global Id: T0609796806
Status: Open - Inactive
Status Date: 02/25/2002

Global Id: T0609796806
Status: Open - Site Assessment
Status Date: 02/25/2002

Global Id: T0609796806
Status: Open - Site Assessment
Status Date: 08/26/2011

Regulatory Activities:
Global Id: T0609796806
Action Type: ENFORCEMENT
Date: 07/01/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEALDSBURG FIRE DEPARTMENT (Continued)

S108202023

Action: Closure/No Further Action Letter

Global Id: T0609796806
Action Type: ENFORCEMENT
Date: 10/03/2009
Action: File Review - Closure

Global Id: T0609796806
Action Type: Other
Date: 01/03/2002
Action: Leak Reported

Global Id: T0609796806
Action Type: ENFORCEMENT
Date: 02/10/2009
Action: Staff Letter

Global Id: T0609796806
Action Type: ENFORCEMENT
Date: 09/05/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0609796806
Action Type: ENFORCEMENT
Date: 04/23/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0609796806
Action Type: Other
Date: 12/23/2001
Action: Leak Stopped

Global Id: T0609796806
Action Type: ENFORCEMENT
Date: 04/23/2013
Action: Staff Letter

Global Id: T0609796806
Action Type: Other
Date: 01/02/2002
Action: Leak Discovery

Global Id: T0609796806
Action Type: ENFORCEMENT
Date: 11/08/2011
Action: Staff Letter

Global Id: T0609796806
Action Type: ENFORCEMENT
Date: 08/10/2010
Action: File Review - Closure

Global Id: T0609796806
Action Type: RESPONSE
Date: 10/15/2008
Action: Tank Removal Report / UST Sampling Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEALDSBURG FIRE DEPARTMENT (Continued)

S108202023

Global Id: T0609796806
Action Type: RESPONSE
Date: 01/06/2013
Action: Soil and Water Investigation Report

P64
North
1/4-1/2
0.270 mi.
1425 ft.

CITY OF HEALDSBURG FIRE DEPARTMENT
601 HEALDSBURG AVE
HEALDSBURG, CA 95448

HIST CORTESE
LUST
SWEEPS UST

S102434382
N/A

Site 3 of 3 in cluster P

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO537

Actual:
111 ft.

LUST REG 1:
Region: 1
Facility ID: 1TSO537
Staff Initials: Closed

SWEEPS UST:
Status: Active
Comp Number: 1
Number: 4
Board Of Equalization: Not reported
Referral Date: 07-02-93
Action Date: 07-02-93
Created Date: 11-16-92
Owner Tank Id: Not reported
SWRCB Tank Id: 49-002-000001-000001
Tank Status: A
Capacity: 6000
Active Date: 11-16-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: Active
Comp Number: 1
Number: 4
Board Of Equalization: Not reported
Referral Date: 07-02-93
Action Date: 07-02-93
Created Date: 11-16-92
Owner Tank Id: 2
SWRCB Tank Id: 49-002-000001-000002
Tank Status: A
Capacity: 6000
Active Date: 07-02-93
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

65
 North
 1/4-1/2
 0.277 mi.
 1464 ft.

MAC ELHENNY GROUP
18 & 20 GRANT STREET
HEALDSBURG, CA 95448

SLIC S105050997
N/A

Relative:
Higher

SLIC:
 Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 12/12/2001
 Global Id: T0609793317
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Lead Agency Case Number: Not reported
 Latitude: 38.6156214108197
 Longitude: -122.873904705048
 Case Type: Cleanup Program Site
 Case Worker: ZZZ
 Local Agency: SONOMA COUNTY
 RB Case Number: 1NSO574
 File Location: Regional Board
 Potential Media Affected: Soil
 Potential Contaminants of Concern: Diesel
 Site History: Not reported

Actual:
112 ft.

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

SLIC REG 1:
 Region: 1
 Facility ID: 1NSO574
 Staff Initials: Facility Closed

66
 SSE
 1/4-1/2
 0.305 mi.
 1610 ft.

VINE STREET STATION
185 HEALDSBURG
HEALDSBURG, CA 95448

HIST CORTESE S101304810
LUST N/A

Relative:
Lower

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 49
 Reg By: LTNKA
 Reg Id: 1TSO389

Actual:
100 ft.

LUST:
 Region: STATE
 Global Id: T0609700282
 Latitude: 38.6080427968222
 Longitude: -122.870149612427
 Case Type: Not reported
 Status: Completed - Case Closed
 Status Date: 01/18/1996
 Lead Agency: Not reported
 Case Worker: ZZZ
 Local Agency: Not reported
 RB Case Number: 1TSO389
 LOC Case Number: Not reported
 File Location: Regional Board
 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

VINE STREET STATION (Continued)

S101304810

Site History: This site was reopened please refer to 1TSO781

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

Contact:

Global Id: T0609700282
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: T0609700282
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700282
Status: Completed - Case Closed
Status Date: 01/18/1996

Global Id: T0609700282
Status: Open - Case Begin Date
Status Date: 08/01/1990

Global Id: T0609700282
Status: Open - Remediation
Status Date: 01/17/1996

Global Id: T0609700282
Status: Open - Site Assessment
Status Date: 09/07/1990

Global Id: T0609700282
Status: Open - Site Assessment
Status Date: 01/17/1996

Global Id: T0609700282
Status: Open - Verification Monitoring
Status Date: 01/17/1996

Regulatory Activities:

Global Id: T0609700282
Action Type: ENFORCEMENT
Date: 01/18/1996
Action: Closure/No Further Action Letter

Global Id: T0609700282
Action Type: Other
Date: 08/31/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VINE STREET STATION (Continued)

S101304810

Action: Leak Reported

Global Id: T0609700282
Action Type: Other
Date: 08/31/1990
Action: Leak Discovery

Global Id: T0609700282
Action Type: Other
Date: 08/31/1990
Action: Leak Stopped

Global Id: T0609700282
Action Type: Other
Date: 08/01/1990
Action: Leak Began

Global Id: T0609700282
Action Type: ENFORCEMENT
Date: 09/07/1990
Action: * Historical Enforcement

Region: STATE
Global Id: T0609791095
Latitude: 38.6079170387317
Longitude: -122.870106697083
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 04/12/2012
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO781
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Four underground storage tanks were removed from the site, three in Janaury 2001 and one in 2004. Soil sampling indicated that two of the tanks had released petroleum hydrocarbons to the subsurface. Impacted soil was removed to the extent possible. Seven wells installed to monitor groundwater. Starting in October 2007 high vacuum dual phase extraction pilot test conducted for 60 days. In December 2011 staff detrermined that no further remediation will be required to clean up groundwater at this site. Natural degraion of the remaining groundwater contaminants was sufficient to reach water quality objectives for chemicals of concern by 2013.

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

Contact:
Global Id: T0609791095
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VINE STREET STATION (Continued)

S101304810

Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

Status History:

Global Id: T0609791095
Status: Completed - Case Closed
Status Date: 04/12/2012

Global Id: T0609791095
Status: Open - Case Begin Date
Status Date: 01/01/2001

Global Id: T0609791095
Status: Open - Remediation
Status Date: 01/10/2007

Global Id: T0609791095
Status: Open - Remediation
Status Date: 10/11/2007

Global Id: T0609791095
Status: Open - Site Assessment
Status Date: 04/02/2001

Global Id: T0609791095
Status: Open - Site Assessment
Status Date: 08/23/2001

Global Id: T0609791095
Status: Open - Site Assessment
Status Date: 10/22/2001

Global Id: T0609791095
Status: Open - Site Assessment
Status Date: 01/12/2004

Global Id: T0609791095
Status: Open - Site Assessment
Status Date: 01/22/2004

Global Id: T0609791095
Status: Open - Verification Monitoring
Status Date: 01/22/2004

Global Id: T0609791095
Status: Open - Verification Monitoring
Status Date: 12/11/2007

Regulatory Activities:

Global Id: T0609791095
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VINE STREET STATION (Continued)

S101304810

Date: 02/23/2001
Action: Staff Letter

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 01/23/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 10/11/2007
Action: Verbal Communication

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 03/30/2007
Action: Verbal Communication

Global Id: T0609791095
Action Type: RESPONSE
Date: 04/29/2007
Action: Well Installation Report

Global Id: T0609791095
Action Type: RESPONSE
Date: 04/26/2007
Action: Interim Remedial Action Report

Global Id: T0609791095
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: Other
Date: 01/16/2001
Action: Leak Reported

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 01/27/2009
Action: Staff Letter

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 04/30/2008
Action: Staff Letter

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 12/23/2011
Action: Notification - Preclosure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VINE STREET STATION (Continued)

S101304810

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 05/25/2011
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 05/30/2011
Action: File Review - Closure

Global Id: T0609791095
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: RESPONSE
Date: 11/08/2004
Action: Other Report / Document

Global Id: T0609791095
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VINE STREET STATION (Continued)

S101304810

Date: 06/23/2005
Action: Other Report / Document

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 02/16/2005
Action: Staff Letter

Global Id: T0609791095
Action Type: RESPONSE
Date: 05/25/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609791095
Action Type: RESPONSE
Date: 10/19/2006
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 12/11/2006
Action: Staff Letter

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 10/12/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 07/30/2009
Action: Staff Letter

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 12/12/2011
Action: File Review - Closure

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 04/12/2012
Action: Closure/No Further Action Letter

Global Id: T0609791095
Action Type: RESPONSE
Date: 04/10/2008
Action: Unknown

Global Id: T0609791095
Action Type: RESPONSE
Date: 04/10/2008
Action: Interim Remedial Action Report

Global Id: T0609791095
Action Type: RESPONSE
Date: 10/01/2005
Action: CAP/RAP - Other Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VINE STREET STATION (Continued)

S101304810

Global Id:	T0609791095
Action Type:	RESPONSE
Date:	10/17/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	11/07/2006
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	04/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	04/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	07/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	10/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	11/30/2002
Action:	Preliminary Site Assessment Report
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	05/01/2003
Action:	Other Workplan
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	03/30/2002
Action:	Preliminary Site Assessment Report
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	07/30/2001
Action:	Preliminary Site Assessment Workplan
Global Id:	T0609791095
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VINE STREET STATION (Continued)

S101304810

Date: 04/30/2001
Action: Other Workplan

Global Id: T0609791095
Action Type: RESPONSE
Date: 01/13/2003
Action: Other Workplan

Global Id: T0609791095
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 01/26/2012
Action: Staff Letter

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 02/14/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0609791095
Action Type: Other
Date: 01/01/2001
Action: Leak Began

Global Id: T0609791095
Action Type: RESPONSE
Date: 03/30/2002
Action: Preliminary Site Assessment Report

Global Id: T0609791095
Action Type: RESPONSE
Date: 06/01/2002
Action: Preliminary Site Assessment Report

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 10/18/2007
Action: Staff Letter

Global Id: T0609791095
Action Type: Other
Date: 01/12/2001
Action: Leak Stopped

Global Id: T0609791095
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 01/10/2007
Action: Site Visit / Inspection / Sampling

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VINE STREET STATION (Continued)

S101304810

Global Id:	T0609791095
Action Type:	ENFORCEMENT
Date:	11/18/2004
Action:	Site Visit / Inspection / Sampling
Global Id:	T0609791095
Action Type:	Other
Date:	01/12/2001
Action:	Leak Discovery
Global Id:	T0609791095
Action Type:	ENFORCEMENT
Date:	10/21/2002
Action:	Warning Letter
Global Id:	T0609791095
Action Type:	ENFORCEMENT
Date:	10/22/2001
Action:	Staff Letter
Global Id:	T0609791095
Action Type:	ENFORCEMENT
Date:	03/27/2003
Action:	Staff Letter
Global Id:	T0609791095
Action Type:	ENFORCEMENT
Date:	01/17/2002
Action:	Warning Letter
Global Id:	T0609791095
Action Type:	ENFORCEMENT
Date:	04/24/2002
Action:	Warning Letter
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	07/15/2011
Action:	Monitoring Report - Quarterly - Regulator Responded
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	01/23/2012
Action:	Correspondence - Regulator Responded
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	04/09/2012
Action:	Well Destruction Report - Regulator Responded
Global Id:	T0609791095
Action Type:	RESPONSE
Date:	01/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0609791095
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VINE STREET STATION (Continued)

S101304810

Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609791095
Action Type: REMEDIATION
Date: 03/01/2002
Action: Excavation

Global Id: T0609791095
Action Type: ENFORCEMENT
Date: 09/19/2005
Action: Staff Letter

Global Id: T0609791095
Action Type: REMEDIATION
Date: 10/11/2007
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609791095
Action Type: REMEDIATION
Date: 01/10/2007
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609791095
Action Type: REMEDIATION
Date: 10/11/2007
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609791095
Action Type: REMEDIATION
Date: 01/10/2007
Action: In Situ Physical/Chemical Treatment (other than SVE)

LUST REG 1:
Region: 1
Facility ID: 1TSO389
Staff Initials: Closed

67
SSE
1/4-1/2
0.385 mi.
2034 ft.

NU FOREST PRODUCTS
164 HEALDSBURG AVENUE
HEALDSBURG, CA 0

NPDES U001610154
SLIC N/A
HIST UST
EMI
WDS

Relative:
Higher

NPDES:
Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 1
Regulatory Measure Id: 178814
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 1 49I004790
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported

Actual:
101 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NU FOREST PRODUCTS (Continued)

U001610154

Effective Date Of Regulatory Measure:	04/07/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Nu Forest Product
Discharge Address:	PO Box 727
Discharge City:	Healdsburg
Discharge State:	California
Discharge Zip:	95448
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NU FOREST PRODUCTS (Continued)

U001610154

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:	178814
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	1 491004790
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:	05/09/2008
PROCESSED DATE:	04/07/1992
STATUS CODE NAME:	Active
STATUS DATE:	04/07/1992
PLACE SIZE:	6
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	George W McConnell
FACILITY CONTACT TITLE:	Jr
FACILITY CONTACT PHONE:	707-433-3313
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Nu Forest Product
OPERATOR ADDRESS:	PO Box 727
OPERATOR CITY:	Healdsburg
OPERATOR STATE:	California
OPERATOR ZIP:	95448
OPERATOR CONTACT NAME:	George McConnell
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	707-433-3313
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NU FOREST PRODUCTS (Continued)

U001610154

EMERGENCY PHONE NO: 707-433-3313
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: N
RECEIVING WATER NAME: Russian River
CERTIFIER NAME: Russell Ingham
CERTIFIER TITLE: Safety Director
CERTIFICATION DATE: 27-JAN-15
PRIMARY SIC: 2421-Sawmills and Planing Mills, General
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

SLIC REG 1:

Region: 1
Facility ID: 1NSO785
Staff Initials: AAA

HIST UST:

Region: STATE
Facility ID: 00000053357
Facility Type: Other
Other Type: LUMBER YARD.
Contact Name: MIKE HERBERT
Telephone: 7074333313
Owner Name: CHESTER W & ADRIENNE DENNIS, R
Owner Address: 164 HEALDSBURG AVE
Owner City,St,Zip: HEALDSBURG, CA 95448
Total Tanks: 0002

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

Tank Num: 002
Container Num: 2
Year Installed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NU FOREST PRODUCTS (Continued)

U001610154

Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

EMI:

Year: 1995
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 1996
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 1997
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NU FOREST PRODUCTS (Continued)

U001610154

Year: 1998
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 1999
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 2000
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 2001
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NU FOREST PRODUCTS (Continued)

U001610154

Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 2002
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 2003
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4
Part. Matter 10 Micrometers & Smlr Tons/Yr: 2

Year: 2004
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NU FOREST PRODUCTS (Continued)

U001610154

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	4.4
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1.76
Year:	2005
County Code:	49
Air Basin:	NC
Facility ID:	10004205
Air District Name:	NS
SIC Code:	2439
Air District Name:	NORTHERN SONOMA COUNTY APCD
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:	4.4
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1.76
Year:	2006
County Code:	49
Air Basin:	NC
Facility ID:	10004205
Air District Name:	NS
SIC Code:	2439
Air District Name:	NORTHERN SONOMA COUNTY APCD
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:	4.4
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1.76
Year:	2007
County Code:	49
Air Basin:	NC
Facility ID:	10004205
Air District Name:	NS
SIC Code:	2439
Air District Name:	NORTHERN SONOMA COUNTY APCD
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:	4.4
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1.76
Year:	2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NU FOREST PRODUCTS (Continued)

U001610154

County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4.4
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1.76

Year: 2009
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4.4000000000000004
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1.76

Year: 2010
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD
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: 4.4000000000000004
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1.76

Year: 2011
County Code: 49
Air Basin: NC
Facility ID: 10004205
Air District Name: NS
SIC Code: 2439
Air District Name: NORTHERN SONOMA COUNTY APCD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NU FOREST PRODUCTS (Continued)

U001610154

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: 4.4
Part. Matter 10 Micrometers & Smllr Tons/Yr: 1.76

WDS:

Facility ID: 1 49I004790
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: GEORGE W. MC CONNELL JR.
Agency Name: NU FOREST PRODUCTS
Agency Address: P.O. BOX 727
Agency City,St,Zip: HEALDSBURG 95448
Agency Contact: GEORGE W. MC CONNELL JR.
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 2431
SIC Code 2: Not reported
Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Primary Waste: STORMS
Waste Type2: Not reported
Waste2: Stormwater Runoff
Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NU FOREST PRODUCTS (Continued)

U001610154

dairy waste ponds.

68
SSW
1/4-1/2
0.397 mi.
2097 ft.

OPPERMAN & SON
280 KINLEY DR
HEALDSBURG, CA 95448

RCRA NonGen / NLR
FINDS
NPDES
HAZNET
ENVIROSTOR
WDS

1000216146
CAD981440928

Relative:
Higher

RCRA NonGen / NLR:

Actual:
101 ft.

Date form received by agency: 04/02/1999
Facility name: OPPERMAN & SON
Facility address: 280 KINLEY DR
HEALDSBURG, CA 95448
EPA ID: CAD981440928
Contact: MARC OPPERMAN
Contact address: 280 KINLEY DR
HEALDSBURG, CA 95448
Contact country: US
Contact telephone: (707) 433-4421
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: DAVID OPPERMAN JR
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OPPERMAN & SON (Continued)

1000216146

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: 110002706180

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

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

NPDES:

Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 1
Regulatory Measure Id: 178848
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 1 49I010677
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 10/15/1993
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Opperman & Son Inc
Discharge Address: 280 Kinley Dr
Discharge City: Healdsburg
Discharge State: California
Discharge Zip: 95448
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

OPPERMAN & SON (Continued)

1000216146

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:	178848
Order No:	Not reported
Regulatory Measure Type:	Industrial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OPPERMAN & SON (Continued)

1000216146

Place Id:	Not reported
WDID:	1 491010677
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:	05/09/2008
PROCESSED DATE:	10/15/1993
STATUS CODE NAME:	Active
STATUS DATE:	10/15/1993
PLACE SIZE:	6
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	MARC Opperman
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	707-433-4421
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	mso@callatg.com
OPERATOR NAME:	Opperman & Son Inc
OPERATOR ADDRESS:	280 Kinley Dr
OPERATOR CITY:	Healdsburg
OPERATOR STATE:	California
OPERATOR ZIP:	95448
OPERATOR CONTACT NAME:	MARC Opperman
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	707-433-4421
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	mso@callatg.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:	707-433-4421
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

OPPERMAN & SON (Continued)

1000216146

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: Foss Creek
CERTIFIER NAME: Not reported
CERTIFIER TITLE: Not reported
CERTIFICATION DATE: Not reported
PRIMARY SIC: 4213-Trucking, Except Local
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

HAZNET:

envid: 1000216146
Year: 1999
GEPaid: CAD981440928
Contact: DAVID S OPPERMAN JR
Telephone: 7074334421
Mailing Name: Not reported
Mailing Address: 280 KINLEY DR
Mailing City,St,Zip: HEALDSBURG, CA 954489499
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .1280
Facility County: Sonoma

envid: 1000216146
Year: 1998
GEPaid: CAD981440928
Contact: DAVID S OPPERMAN JR
Telephone: 7074334421
Mailing Name: Not reported
Mailing Address: 280 KINLEY DR
Mailing City,St,Zip: HEALDSBURG, CA 954489499
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .4020
Facility County: Sonoma

envid: 1000216146
Year: 1997
GEPaid: CAD981440928
Contact: DAVID S OPPERMAN JR
Telephone: 7074334421
Mailing Name: Not reported
Mailing Address: 280 KINLEY DR
Mailing City,St,Zip: HEALDSBURG, CA 954489499
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OPPERMAN & SON (Continued)

1000216146

Disposal Method: Not reported
Tons: .0360
Facility County: Sonoma

envid: 1000216146
Year: 1997
GEPaid: CAD981440928
Contact: DAVID S OPPERMAN JR
Telephone: 7074334421
Mailing Name: Not reported
Mailing Address: 280 KINLEY DR
Mailing City,St,Zip: HEALDSBURG, CA 954489499
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .3460
Facility County: Sonoma

envid: 1000216146
Year: 1996
GEPaid: CAD981440928
Contact: DAVID S OPPERMAN JR
Telephone: 7074334421
Mailing Name: Not reported
Mailing Address: 280 KINLEY DR
Mailing City,St,Zip: HEALDSBURG, CA 954489499
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .2900
Facility County: Sonoma

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

ENVIROSTOR:

Facility ID: 49420001
Status: Refer: Other Agency
Status Date: 07/29/1994
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: 02
Senate: 02
Special Program: * Rural County Survey Program
Restricted Use: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OPPERMAN & SON (Continued)

1000216146

Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.60127
Longitude: -122.8673
APN: 002-660-015
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: OPPERMAN & SON (?)
Alias Type: Alternate Name
Alias Name: 002-660-015
Alias Type: APN
Alias Name: CAD981440928
Alias Type: HWTS Identification Code
Alias Name: 49420001
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

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/19/1988
Comments: FACILITY IDENTIFIED SONOMA CNTY EH

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

WDS:

Facility ID: 1 491010677
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: MARC OPFERMAN
Agency Name: OPFERMAN & SON INC.
Agency Address: 280 KINLEY DR
Agency City,St,Zip: HEALDSBURG 95448
Agency Contact: MARC OPFERMAN
Agency Telephone: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OPPERMAN & SON (Continued)

1000216146

Agency Type: Private
 SIC Code: 5012
 SIC Code 2: Not reported
 Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
 Primary Waste: STORMS
 Waste Type2: Not reported
 Waste2: Stormwater Runoff
 Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The facility is not a POTW.
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

69
 SE
 1/4-1/2
 0.421 mi.
 2225 ft.

ROBERTS PROPERTY
329 HAYDON ROAD
HEALDSBURG, CA 95448

SLIC S105181373
N/A

Relative:
Higher

SLIC:
 Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 08/30/2004
 Global Id: T0609791117
 Lead Agency: NORTH COAST RWQCB (REGION 1)
 Lead Agency Case Number: Not reported
 Latitude: 38.608769
 Longitude: -122.865138
 Case Type: Cleanup Program Site
 Case Worker: ZZZ
 Local Agency: SONOMA COUNTY
 RB Case Number: 1NSO779
 File Location: Regional Board
 Potential Media Affected: Under Investigation
 Potential Contaminants of Concern: Chlordane, * Pesticides/Herbicides
 Site History: Not reported

Actual:
114 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERTS PROPERTY (Continued)

S105181373

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

SLIC REG 1:

Region: 1
Facility ID: 1NSO779
Staff Initials: BML

70
North
1/4-1/2
0.437 mi.
2309 ft.

**SOUTHERN PACIFIC - OLIVETO STAT.
HEALDSBURG AVENUE
HEALDSBURG, CA 95448**

**SLIC S109118046
N/A**

**Relative:
Higher**

SLIC:

Region: STATE
Facility Status: Open - Inactive
Status Date: 03/02/2009
Global Id: T0609793572
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.618336
Longitude: -122.872122
Case Type: Cleanup Program Site
Case Worker: KJB
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO630
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

**Actual:
113 ft.**

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

71
SE
1/4-1/2
0.438 mi.
2312 ft.

**FRANK DANIELS ROOFING
313 MASON
HEALDSBURG, CA 95448**

**HIST CORTESE S101304815
LUST N/A**

**Relative:
Higher**

HIST CORTESE:

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO002

**Actual:
113 ft.**

LUST:

Region: STATE
Global Id: T0609700003
Latitude: 38.608035
Longitude: -122.866077
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 07/26/1996
Lead Agency: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANK DANIELS ROOFING (Continued)

S101304815

Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO002
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:

Global Id: T0609700003
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: T0609700003
Contact Type: Local Agency Caseworker
Contact Name: RANDY COLLINS
Organization Name: HEALDSBURG/SEBASTAPOL, CITY OF
Address: 601 HEALDSBURG AVENUE
City: HEALDSBURG
Email: Not reported
Phone Number: 7074313360

Status History:

Global Id: T0609700003
Status: Completed - Case Closed
Status Date: 07/26/1996

Global Id: T0609700003
Status: Open - Case Begin Date
Status Date: 01/05/1994

Global Id: T0609700003
Status: Open - Remediation
Status Date: 07/25/1996

Global Id: T0609700003
Status: Open - Site Assessment
Status Date: 02/01/1994

Global Id: T0609700003
Status: Open - Site Assessment
Status Date: 04/19/1994

Global Id: T0609700003
Status: Open - Site Assessment
Status Date: 06/02/1994

Global Id: T0609700003
Status: Open - Site Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANK DANIELS ROOFING (Continued)

S101304815

Status Date: 07/25/1996
Global Id: T0609700003
Status: Open - Verification Monitoring
Status Date: 07/25/1996

Regulatory Activities:
Global Id: T0609700003
Action Type: Other
Date: 01/05/1994
Action: Leak Reported

Global Id: T0609700003
Action Type: Other
Date: 01/05/1994
Action: Leak Discovery

Global Id: T0609700003
Action Type: Other
Date: 01/05/1994
Action: Leak Stopped

LUST REG 1:
Region: 1
Facility ID: 1TSO002
Staff Initials: Closed

72
NNW
1/4-1/2
0.455 mi.
2401 ft.

SEGHEISIO WINERIES, INC.
14730 GROVE STREET
HEALDSBURG, CA 95448

HIST CORTESE **S102007598**
LUST **N/A**
CUPA Listings
ENF

Relative:
Higher

HIST CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO615

Actual:
130 ft.

LUST:
Region: STATE
Global Id: T0609700436
Latitude: 38.617946631
Longitude: -122.873783881
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 04/19/2006
Lead Agency: Not reported
Case Worker: LCW
Local Agency: Not reported
RB Case Number: 1TSO615
LOC Case Number: Not reported
File Location: Local Agency
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Heating Oil / Fuel Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEGHECIO WINERIES, INC. (Continued)

S102007598

Site History: Not reported

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

Contact:

Global Id: T0609700436
Contact Type: Regional Board Caseworker
Contact Name: SONOMA COUNTY LOP CLOSED SITE
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: Not reported
Phone Number: 7075656565

Status History:

Global Id: T0609700436
Status: Completed - Case Closed
Status Date: 04/19/2006

Global Id: T0609700436
Status: Open - Case Begin Date
Status Date: 10/17/1995

Global Id: T0609700436
Status: Open - Remediation
Status Date: 07/15/2002

Global Id: T0609700436
Status: Open - Site Assessment
Status Date: 07/05/1996

Global Id: T0609700436
Status: Open - Verification Monitoring
Status Date: 11/11/2003

Regulatory Activities:

Global Id: T0609700436
Action Type: Other
Date: 10/17/1995
Action: Leak Reported

Global Id: T0609700436
Action Type: ENFORCEMENT
Date: 11/15/2005
Action: LOP Case Closure Summary to RB

Global Id: T0609700436
Action Type: Other
Date: 12/12/1995
Action: Leak Discovery

Global Id: T0609700436
Action Type: RESPONSE
Date: 12/15/2005
Action: Request for Closure

Global Id: T0609700436

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEGHEISIO WINERIES, INC. (Continued)

S102007598

Action Type: ENFORCEMENT
Date: 04/19/2006
Action: Closure/No Further Action Letter

Global Id: T0609700436
Action Type: REMEDIATION
Date: 07/15/2002
Action: Excavation

LUST REG 1:

Region: 1
Facility ID: 1TSO615
Staff Initials: HAZ

SONOMA CO. LUST:

Region: SONOMA
Regional Board: 1TSO615
Closed or Referred: Y
Confirm Date: 04/19/2006
LOP Number: 00012135
Staff: Not reported
Decode of Staff: Not reported
Global ID: T0609700436

CUPA SONOMA:

Permit: 2058
Type: 6
HMBP: False
UST: False
HWG: True
calarp: False
AST: False
HW Treatment: False

Permit: 2267
Type: 6
HMBP: False
UST: True
HWG: True
calarp: False
AST: False
HW Treatment: False

ENF:

Region: 1
Facility Id: 256222
Agency Name: Seghesio Family Vineyards
Place Type: Food Processor
Place Subtype: Winery
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 38.61856
Place Longitude: -122.87473

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEGHESIO WINERIES, INC. (Continued)

S102007598

SIC Code 1:	2084
SIC Desc 1:	Wines, Brandy, and Brandy Spirits
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:	0.0015
Threat To Water Quality:	2
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRINDIVLRG
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	1B80126OSON
Reg Measure Id:	138513
Reg Measure Type:	WDR
Region:	1
Order #:	99-066
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	02/06/2013
Effective Date:	09/23/1999
Expiration/Review Date:	09/20/2011
Termination Date:	01/24/2013
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:	15 - WDRs pending rescission
Direction/Voice:	Passive
Enforcement Id(EID):	224528
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SEGHESIO WINERIES, INC. (Continued)

S102007598

Effective Date:	01/11/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/11/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B80126OSON Seghesio Wineries, Inc.
Description:	CALLED DISCHARGER AND REMINDED THEM THAT THEY NEED TO SUBMIT DATA IF IRRIGATING
Program:	WDRINDIVLRG
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

73
 SSE
 1/4-1/2
 0.459 mi.
 2426 ft.

BRAMANTE, FRANK
130 HEALDSBURG AVENUE
HEALDSBURG, CA 95448

LUST S105181277
N/A

Relative:
Lower

LUST:

Region:	STATE
Global Id:	T0609700356
Latitude:	38.6060725614147
Longitude:	-122.868744134903
Case Type:	Not reported
Status:	Completed - Case Closed
Status Date:	01/29/2013
Lead Agency:	Not reported
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	1TSO504
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel, Gasoline
Site History:	In 1992 three fuel underground storage tanks (one 2, 000- gallon, one 3,000-gallon and one 5,000-gallon) were removed from the property. Four monitoring wells were installed in 1987 and monitored as part of another investigation. There was a hiatus in the investigation from 1997-2001. In September2005 a High Vacuum Dual Phase Extraction (HVDPE) pilot test was conducted and it was concluded that HVDPE would be an effective remediation technology. In May-June 2006 a 33-day HVDPE event was conducted at the site. In August through October 2008 eleven sparge points were installed at the site and started injecting air in October 2008. In May 2011, approximately 272 cubic yards of impacted soil was removed from two aresa of the site. Case was closed with no further investigation or remediation required on January 29, 2013

Actual:
100 ft.

BRAMANTE, FRANK (Continued)

S105181277

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

Contact:

Global Id: T0609700356
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

Status History:

Global Id: T0609700356
Status: Completed - Case Closed
Status Date: 01/29/2013

Global Id: T0609700356
Status: Open - Case Begin Date
Status Date: 05/01/1992

Global Id: T0609700356
Status: Open - Remediation
Status Date: 05/15/2006

Global Id: T0609700356
Status: Open - Remediation
Status Date: 06/12/2007

Global Id: T0609700356
Status: Open - Remediation
Status Date: 07/05/2007

Global Id: T0609700356
Status: Open - Remediation
Status Date: 08/05/2008

Global Id: T0609700356
Status: Open - Remediation
Status Date: 08/31/2009

Global Id: T0609700356
Status: Open - Site Assessment
Status Date: 05/28/1992

Global Id: T0609700356
Status: Open - Site Assessment
Status Date: 12/26/2000

Global Id: T0609700356
Status: Open - Site Assessment
Status Date: 03/08/2002

Global Id: T0609700356
Status: Open - Site Assessment
Status Date: 03/28/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAMANTE, FRANK (Continued)

S105181277

Global Id: T0609700356
Status: Open - Site Assessment
Status Date: 03/12/2004

Global Id: T0609700356
Status: Open - Verification Monitoring
Status Date: 03/27/2009

Global Id: T0609700356
Status: Open - Verification Monitoring
Status Date: 04/29/2011

Global Id: T0609700356
Status: Open - Verification Monitoring
Status Date: 03/27/2012

Regulatory Activities:

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 04/10/2007
Action: Staff Letter

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 10/03/2002
Action: Staff Letter

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 05/28/1992
Action: * Historical Enforcement

Global Id: T0609700356
Action Type: RESPONSE
Date: 01/25/2013
Action: Well Destruction Report

Global Id: T0609700356
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700356
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700356
Action Type: RESPONSE
Date: 06/30/2004
Action: Other Workplan

Global Id: T0609700356
Action Type: REMEDIATION
Date: 05/24/2011
Action: Excavation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAMANTE, FRANK (Continued)

S105181277

Global Id: T0609700356
Action Type: RESPONSE
Date: 02/26/2009
Action: Remedial Progress Report

Global Id: T0609700356
Action Type: Other
Date: 05/12/1992
Action: Leak Reported

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 08/25/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0609700356
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700356
Action Type: RESPONSE
Date: 12/01/2009
Action: Soil and Water Investigation Workplan

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Staff Letter

Global Id: T0609700356
Action Type: RESPONSE
Date: 02/17/2009
Action: NPDES / WDR Reports

Global Id: T0609700356
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Other

Global Id: T0609700356
Action Type: RESPONSE
Date: 04/03/2007
Action: Other Report / Document

Global Id: T0609700356
Action Type: RESPONSE
Date: 07/15/2007
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 06/22/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700356
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAMANTE, FRANK (Continued)

S105181277

Date: 07/27/2004
Action: Staff Letter

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 05/25/2011
Action: Site Visit / Inspection / Sampling

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 01/29/2013
Action: Closure/No Further Action Letter

Global Id: T0609700356
Action Type: RESPONSE
Date: 10/31/2011
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0609700356
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700356
Action Type: RESPONSE
Date: 06/07/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0609700356
Action Type: RESPONSE
Date: 12/13/2005
Action: Other Report / Document

Global Id: T0609700356
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700356
Action Type: Other
Date: 05/12/1992
Action: Leak Discovery

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 10/08/2009
Action: Staff Letter

Global Id: T0609700356
Action Type: RESPONSE
Date: 07/25/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700356
Action Type: RESPONSE
Date: 07/02/2010
Action: Soil and Water Investigation Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAMANTE, FRANK (Continued)

S105181277

Global Id:	T0609700356
Action Type:	ENFORCEMENT
Date:	02/14/2011
Action:	Staff Letter
Global Id:	T0609700356
Action Type:	ENFORCEMENT
Date:	07/27/2010
Action:	Staff Letter
Global Id:	T0609700356
Action Type:	ENFORCEMENT
Date:	03/23/2012
Action:	File Review - Closure
Global Id:	T0609700356
Action Type:	RESPONSE
Date:	09/15/2005
Action:	Other Report / Document
Global Id:	T0609700356
Action Type:	RESPONSE
Date:	09/13/2005
Action:	Other Workplan
Global Id:	T0609700356
Action Type:	ENFORCEMENT
Date:	12/18/2007
Action:	Notification - Public Notice of ROD/RAP/CAP
Global Id:	T0609700356
Action Type:	ENFORCEMENT
Date:	07/28/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0609700356
Action Type:	Other
Date:	05/01/1992
Action:	Leak Began
Global Id:	T0609700356
Action Type:	ENFORCEMENT
Date:	11/26/2002
Action:	Staff Letter
Global Id:	T0609700356
Action Type:	Other
Date:	05/12/1992
Action:	Leak Stopped
Global Id:	T0609700356
Action Type:	ENFORCEMENT
Date:	12/23/2009
Action:	Staff Letter
Global Id:	T0609700356
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAMANTE, FRANK (Continued)

S105181277

Date: 04/13/2002
Action: Other Workplan

Global Id: T0609700356
Action Type: RESPONSE
Date: 01/22/2008
Action: Correspondence

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 01/07/2013
Action: Site Visit / Inspection / Sampling

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 12/23/2010
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 12/21/2010
Action: Staff Letter

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 02/24/2005
Action: Staff Letter

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 09/13/2005
Action: * Verbal Communication

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 09/27/2005
Action: Staff Letter

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 02/23/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700356
Action Type: RESPONSE
Date: 11/01/2010
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0609700356
Action Type: RESPONSE
Date: 03/01/2011
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0609700356
Action Type: RESPONSE
Date: 12/11/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRAMANTE, FRANK (Continued)

S105181277

Action: Correspondence - Regulator Responded

Global Id: T0609700356
Action Type: RESPONSE
Date: 03/01/2003
Action: Preliminary Site Assessment Report

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 02/28/2008
Action: Staff Letter

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 01/11/2006
Action: Staff Letter

Global Id: T0609700356
Action Type: RESPONSE
Date: 12/15/2005
Action: Other Workplan

Global Id: T0609700356
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 03/24/2004
Action: Staff Letter

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 03/28/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 12/17/2012
Action: Staff Letter

Global Id: T0609700356
Action Type: ENFORCEMENT
Date: 10/12/2012
Action: Notification - Public Notice of Case Closure

Global Id: T0609700356
Action Type: RESPONSE
Date: 10/01/2004
Action: Other Workplan

Global Id: T0609700356
Action Type: REMEDIATION
Date: 05/01/2006
Action: In Situ Physical/Chemical Treatment (other than SVE)

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BRAMANTE, FRANK (Continued)

S105181277

Global Id: T0609700356
 Action Type: REMEDIATION
 Date: 10/08/2008
 Action: In Situ Physical/Chemical Treatment (other than SVE)

Q74
SSE
 1/4-1/2
 0.489 mi.
 2583 ft.

CHEVRON #9-0606
HEALDSBURG AVENUE 110
HEALDSBURG, CA

LUST S101304805
N/A

Site 1 of 2 in cluster Q

Relative:
Lower

LUST REG 1:
 Region: 1
 Facility ID: 1TSO118
 Staff Initials: BML

Actual:
100 ft.

Q75
SSE
 1/4-1/2
 0.489 mi.
 2583 ft.

FORMER TRUCK STOP
110 HEALDSBURG AVE
HEALDSBURG, CA 93669

HIST CORTESE S100178412
LUST N/A
Notify 65

Site 2 of 2 in cluster Q

Relative:
Lower

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 49
 Reg By: LTNKA
 Reg Id: 1TSO118

Actual:
100 ft.

LUST:

Region: STATE
 Global Id: T0609700088
 Latitude: 38.6052257627668
 Longitude: -122.868447750807
 Case Type: Not reported
 Status: Completed - Case Closed
 Status Date: 10/28/2013
 Lead Agency: Not reported
 Case Worker: ZZZ
 Local Agency: Not reported
 RB Case Number: 1TSO118
 LOC Case Number: Not reported
 File Location: Regional Board
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Gasoline
 Site History: Former gasoline service station, operated from 148 until 1977. Initially there were three 5,000-gallon gasoline and diesel USTs. The tanks were removed and replaced with three 10,000 gallon gasoline and diesel UST which were removed in 1977. The property is currently a McDonald's restaurant. Currently 5 monitoring wells exists on the site. However, only two (MW-5 and MW-13) are regularly monitored. Groundwater contaminant plume appears to be commingled with a release from the downgradient site at 111 Healdsburg Ave. (See Gaskins) On October 28, 2013 case closed based on Low-ThreatUnderground Storage Tank Case Closure Policy.

FORMER TRUCK STOP (Continued)

S100178412

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

Status History:

Global Id:	T0609700088
Status:	Completed - Case Closed
Status Date:	10/28/2013
Global Id:	T0609700088
Status:	Open - Case Begin Date
Status Date:	01/01/1987
Global Id:	T0609700088
Status:	Open - Eligible for Closure
Status Date:	04/09/2013
Global Id:	T0609700088
Status:	Open - Remediation
Status Date:	08/24/2000
Global Id:	T0609700088
Status:	Open - Site Assessment
Status Date:	05/11/1987
Global Id:	T0609700088
Status:	Open - Site Assessment
Status Date:	09/21/1987
Global Id:	T0609700088
Status:	Open - Site Assessment
Status Date:	02/07/1992
Global Id:	T0609700088
Status:	Open - Site Assessment
Status Date:	03/27/2009
Global Id:	T0609700088
Status:	Open - Verification Monitoring
Status Date:	08/24/2000
Global Id:	T0609700088
Status:	Open - Verification Monitoring
Status Date:	03/27/2009

Regulatory Activities:

Global Id:	T0609700088
Action Type:	ENFORCEMENT
Date:	01/24/2006
Action:	* Verbal Communication
Global Id:	T0609700088
Action Type:	RESPONSE
Date:	08/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0609700088
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER TRUCK STOP (Continued)

S100178412

Date: 07/29/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0609700088
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0609700088
Action Type: Other
Date: 08/24/1987
Action: Leak Reported

Global Id: T0609700088
Action Type: RESPONSE
Date: 09/05/2008
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 08/11/2011
Action: Meeting

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 01/11/2012
Action: Staff Letter

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Staff Letter

Global Id: T0609700088
Action Type: RESPONSE
Date: 01/07/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 06/21/2011
Action: Staff Letter

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 06/16/2010
Action: File review

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 08/23/1999
Action: * Historical Enforcement

Global Id: T0609700088
Action Type: Other
Date: 08/24/1987
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER TRUCK STOP (Continued)

S100178412

Global Id: T0609700088
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 04/08/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0609700088
Action Type: Other
Date: 08/24/1987
Action: Leak Stopped

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 05/08/2008
Action: Staff Letter

Global Id: T0609700088
Action Type: Other
Date: 01/01/1987
Action: Leak Began

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 04/25/2003
Action: * Verbal Communication

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 02/06/2006
Action: File review

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 04/16/2012
Action: Staff Letter

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 06/21/2013
Action: Staff Letter

Global Id: T0609700088
Action Type: RESPONSE
Date: 07/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700088
Action Type: ENFORCEMENT
Date: 10/28/2013
Action: Closure/No Further Action Letter

Global Id: T0609700088
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER TRUCK STOP (Continued)

S100178412

Date: 04/21/2008
Action: Well Destruction Workplan

Global Id: T0609700088
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700088
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700088
Action Type: RESPONSE
Date: 01/05/2012
Action: Other Report / Document

Global Id: T0609700088
Action Type: RESPONSE
Date: 05/27/2011
Action: Request for Closure - Regulator Responded

Global Id: T0609700088
Action Type: RESPONSE
Date: 11/21/2011
Action: Monitoring Report - Other - Regulator Responded

Global Id: T0609700088
Action Type: RESPONSE
Date: 04/15/2012
Action: Other Workplan - Regulator Responded

Global Id: T0609700088
Action Type: RESPONSE
Date: 03/28/2013
Action: Request for Closure - Regulator Responded

Global Id: T0609700088
Action Type: RESPONSE
Date: 06/04/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700088
Action Type: RESPONSE
Date: 10/23/2013
Action: Well Destruction Report - Regulator Responded

Global Id: T0609700088
Action Type: RESPONSE
Date: 07/22/2008
Action: Well Destruction Report

Global Id: T0609700088
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Semi-Annually

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER TRUCK STOP (Continued)

S100178412

Global Id: T0609700088
 Action Type: RESPONSE
 Date: 11/17/2008
 Action: Well Destruction Report

Global Id: T0609700088
 Action Type: ENFORCEMENT
 Date: 04/08/2013
 Action: Staff Letter

Global Id: T0609700088
 Action Type: ENFORCEMENT
 Date: 08/04/2010
 Action: Staff Letter

Global Id: T0609700088
 Action Type: RESPONSE
 Date: 01/15/2005
 Action: Monitoring Report - Quarterly

NOTIFY 65:

Date Reported: Not reported
 Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Incident Description: 93669

76
SSE
1/2-1
0.549 mi.
2898 ft.

FORMER CHEVRON SS #9-0606
HEALDSBURG AND EXCHANGE
HEALDSBURG, CA 93669

Notify 65 **S100178522**
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
 Incident Description: 93669

Actual:
103 ft.

R77
SE
1/2-1
0.724 mi.
3822 ft.

FAIRCHILD CAMERA AND INSTRUMENT CO.
33 HEALDSBURG AVENUE
HEALDSBURG, CA 95448

HIST CORTESE **S102008402**
LUST **N/A**
SLIC
RESPONSE
ENVIROSTOR

Site 1 of 2 in cluster R

Relative:
Lower

HIST CORTESE:

Region: CORTESE
 Facility County Code: 49
 Reg By: LTNKA
 Reg Id: 1TSO051

Actual:
93 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA AND INSTRUMENT CO. (Continued)

S102008402

LUST:

Region: STATE
Global Id: T0609700033
Latitude: 38.6035572886655
Longitude: -122.864001989365
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 07/26/1989
Lead Agency: Not reported
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1TSO051
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents
Site History: Not reported

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

Contact:

Global Id: T0609700033
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: T0609700033
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

Status History:

Global Id: T0609700033
Status: Completed - Case Closed
Status Date: 07/26/1989

Global Id: T0609700033
Status: Open - Case Begin Date
Status Date: 08/24/1987

Global Id: T0609700033
Status: Open - Remediation
Status Date: 07/25/1989

Global Id: T0609700033
Status: Open - Site Assessment
Status Date: 09/23/1987

Global Id: T0609700033

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA AND INSTRUMENT CO. (Continued)

S102008402

Status: Open - Site Assessment
Status Date: 07/25/1989

Global Id: T0609700033
Status: Open - Verification Monitoring
Status Date: 07/25/1989

Regulatory Activities:

Global Id: T0609700033
Action Type: Other
Date: 08/24/1987
Action: Leak Reported

Global Id: T0609700033
Action Type: Other
Date: 08/24/1987
Action: Leak Discovery

Global Id: T0609700033
Action Type: Other
Date: 08/24/1987
Action: Leak Stopped

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 08/16/2012
Global Id: T0609791122
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.6036075949845
Longitude: -122.864077091217
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: HEALDSBURG/SEBASTAPOL, CITY OF
RB Case Number: 1NSO813
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
Site History: A former semiconductor plant currently a vine storage warehouse. In 1982 a UST that contained waste solvents was removed from the site. A water sample from the excavation pit indicated that the tank had leaked. Remediation included groundwater extraction from both shallow and deep water bearing zones from January 1984 and August 1993. All monitoring wells were removed from the site with the exception of two wells P-4 and P-4 which are located off site approximately 900 feet from the site near the Russian River. In August 2012 the site was closed with no further action required by the Executive Officer of the NCRWQCB.

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

RESPONSE:

Facility ID: 49380002
Site Type: State Response

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA AND INSTRUMENT CO. (Continued)

S102008402

Site Type Detail: State Response or NPL
Acres: Not reported
National Priorities List: NO
Cleanup Oversight Agencies: RWQCB 1 - North Coast
Lead Agency Description: RWQCB 1 - North Coast
Project Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Site Code: 200036
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 02
Senate: 02
Special Program Status: Not reported
Status: Refer: RWQCB
Status Date: 05/09/1986
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.60293
Longitude: -122.8642
APN: 002-561-014
Past Use: NONE SPECIFIED
Potential COC : NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 002-561-014
Alias Type: APN
Alias Name: CAD068879642
Alias Type: EPA Identification Number
Alias Name: 110002655706
Alias Type: EPA (FRS #)
Alias Name: 200036
Alias Type: Project Code (Site Code)
Alias Name: 49380002
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/09/1986
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

ENVIROSTOR:

Facility ID: 49380002
Status: Refer: RWQCB
Status Date: 05/09/1986
Site Code: 200036

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIRCHILD CAMERA AND INSTRUMENT CO. (Continued)

S102008402

Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: Not reported
NPL: NO
Regulatory Agencies: RWQCB 1 - North Coast
Lead Agency: RWQCB 1 - North Coast
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 02
Senate: 02
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 38.60293
Longitude: -122.8642
APN: 002-561-014
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 002-561-014
Alias Type: APN
Alias Name: CAD068879642
Alias Type: EPA Identification Number
Alias Name: 110002655706
Alias Type: EPA (FRS #)
Alias Name: 200036
Alias Type: Project Code (Site Code)
Alias Name: 49380002
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/09/1986
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

MAP FINDINGS

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

R78 SE 1/2-1 0.724 mi. 3822 ft.	MAX MACHINERY INC 33 HEALDSBURG AVE HEALDSBURG, CA 95448 Site 2 of 2 in cluster R	SLIC HWP	S105051278 N/A
--	--	---------------------------	---------------------------------

Relative:	SLIC REG 1:		
Lower	Region:	1	
	Facility ID:	1NSO813	
Actual:	Staff Initials:	BML	
93 ft.			

HWP:

EPA Id:	CAD068879642
Cleanup Status:	UNKNOWN
Latitude:	38.60341
Longitude:	-122.8566
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	Not reported
Site Code:	Not reported
Assembly District:	02
Senate District:	02
Public Information Officer:	Not reported

Alias:

EPA Id:	CAD068879642
Facility Type:	Historical - Non-Operating
Alias Type:	Envirostor ID Number
Alias:	49380002

79 North 1/2-1 0.851 mi. 4493 ft.	REDWOOD OIL CO. 1175 HEALDSBURG AVE. HEALDSBURG, CA 93669	Notify 65	S100178457 N/A
--	--	------------------	---------------------------------

Relative:	NOTIFY 65:		
Higher	Date Reported:	Not reported	
	Staff Initials:	Not reported	
Actual:	Board File Number:	Not reported	
129 ft.	Facility Type:	Not reported	
	Discharge Date:	Not reported	
	Incident Description:	93669	

80 NNE 1/2-1 0.853 mi. 4506 ft.	255 MONTE VISTA HEALDSBURG, CA 93669	Notify 65	S100178227 N/A
--	---	------------------	---------------------------------

Relative:	NOTIFY 65:		
Higher	Date Reported:	Not reported	
	Staff Initials:	Not reported	
Actual:	Board File Number:	Not reported	
163 ft.	Facility Type:	Not reported	
	Discharge Date:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S100178227

Incident Description: 93669

Count: 1 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
HEALDSBURG	S105051133	SOUTHERN PACIFIC - OLIVETO STAT.	HEALDSBURG AVENUE	95448	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: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

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: 03/26/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/08/2015	Telephone: 703-603-8704
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 07/10/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
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: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
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: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
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: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 03/16/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/17/2015	Telephone: 703-603-0695
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/01/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/14/2015
	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: 03/16/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/17/2015	Telephone: 703-603-0695
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/01/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/30/2015	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 03/31/2015	Telephone: 202-267-2180
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 63	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 05/04/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/05/2015	Telephone: 916-323-3400
Date Made Active in Reports: 05/14/2015	Last EDR Contact: 08/04/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 05/04/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/05/2015	Telephone: 916-323-3400
Date Made Active in Reports: 05/14/2015	Last EDR Contact: 08/04/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 11/16/2015
	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: 05/18/2015	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 05/20/2015	Telephone: 916-341-6320
Date Made Active in Reports: 06/05/2015	Last EDR Contact: 05/20/2015
Number of Days to Update: 16	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SLIC: Statewide SLIC Cases

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

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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: 04/30/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 48

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

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

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
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: 03/17/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 52

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
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: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Semi-Annually

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

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
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: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/30/2015	Source: EPA, Region 5
Date Data Arrived at EDR: 05/29/2015	Telephone: 312-886-7439
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 24	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015	Source: EPA Region 10
Date Data Arrived at EDR: 02/12/2015	Telephone: 206-553-2857
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/15/2015	Source: SWRCB
Date Data Arrived at EDR: 06/17/2015	Telephone: 916-341-5851
Date Made Active in Reports: 07/06/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 19	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 07/13/2015
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/03/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 04/30/2015	Telephone: 617-918-1313
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 11/09/2015
	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: 09/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2015	Telephone: 404-562-9424
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Semi-Annually

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: 04/30/2015	Source: EPA Region 5
Date Data Arrived at EDR: 05/26/2015	Telephone: 312-886-6136
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/09/2015
	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: 03/17/2015	Source: EPA Region 6
Date Data Arrived at EDR: 05/01/2015	Telephone: 214-665-7591
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/09/2015
	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: 04/30/2015	Source: EPA Region 8
Date Data Arrived at EDR: 05/05/2015	Telephone: 303-312-6137
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2014	Source: EPA Region 9
Date Data Arrived at EDR: 02/13/2015	Telephone: 415-972-3368
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/09/2015
	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: 05/06/2015	Source: EPA Region 10
Date Data Arrived at EDR: 05/19/2015	Telephone: 206-553-2857
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/10/2015
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 09/29/2014	Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2014	Telephone: 617-918-1102
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 06/26/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Varies

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

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 05/04/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/05/2015	Telephone: 916-323-3400
Date Made Active in Reports: 05/14/2015	Last EDR Contact: 08/04/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

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

Date of Government Version: 06/08/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/09/2015	Telephone: 916-323-7905
Date Made Active in Reports: 07/10/2015	Last EDR Contact: 06/05/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/23/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/24/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 47

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 8

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
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: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

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: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005
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: 05/04/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 05/14/2015
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

CDL: Clandestine Drug Labs

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
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

SWEEPS UST: SWEEPS UST Listing

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 07/22/2015
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

LIENS: Environmental Liens Listing

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

Date of Government Version: 06/11/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/16/2015	Telephone: 916-323-3400
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/05/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 06/08/2015	Source: DTSC and SWRCB
Date Data Arrived at EDR: 06/09/2015	Telephone: 916-323-3400
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/09/2015
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/30/2015	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/31/2015	Telephone: 202-366-4555
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 06/15/2015	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/28/2015	Telephone: 916-845-8400
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 07/28/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LDS: Land Disposal Sites Listing

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

Date of Government Version: 06/15/2015	Source: State Water Quality Control Board
Date Data Arrived at EDR: 06/17/2015	Telephone: 866-480-1028
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

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

Date of Government Version: 06/15/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/17/2015	Telephone: 866-480-1028
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

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

Other Ascertainable Records

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

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

Date of Government Version: 03/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2015	Telephone: (415) 495-8895
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/04/2015
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/08/2015
Next Scheduled EDR Contact: 09/21/2015
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: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

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: 12/30/2014
Date Data Arrived at EDR: 12/31/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/03/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Every 4 Years

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

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

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

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

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
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: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
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: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/28/2015
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: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/17/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/09/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 63

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/04/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 04/07/2015
Date Data Arrived at EDR: 04/09/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 01/18/2015	Source: EPA
Date Data Arrived at EDR: 02/27/2015	Telephone: (415) 947-8000
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 06/10/2015
Number of Days to Update: 26	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

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: 02/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/13/2015	Telephone: 202-564-8600
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/09/2015
	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: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 05/29/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/18/2015
Date Data Arrived at EDR: 05/20/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 45

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/19/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

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: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 18

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

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: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/18/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/12/2015
Number of Days to Update: 20

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 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: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 12

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/09/2015
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: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/17/2015
Next Scheduled EDR Contact: 10/28/2015
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: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/25/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/24/2015
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: 05/14/2015
Next Scheduled EDR Contact: 08/24/2015
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

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: 08/04/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/26/2014	Telephone: 703-603-8787
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/07/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/31/2015
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

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: 06/07/2015	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 06/10/2015	Telephone: 916-445-4038
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/10/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/21/2015
	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: 06/15/2015	Source: Department of Conservation
Date Data Arrived at EDR: 06/17/2015	Telephone: 916-322-1080
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/28/2015
	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	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 04/17/2015	Telephone: 559-445-5577
Date Made Active in Reports: 06/23/2015	Last EDR Contact: 07/13/2015
Number of Days to Update: 67	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	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: 07/14/2015
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/13/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/14/2015	Telephone: 916-440-7145
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 07/14/2015
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/26/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/28/2015	Telephone: 916-323-3400
Date Made Active in Reports: 06/05/2015	Last EDR Contact: 05/28/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

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: 10/16/2014	Source: EPA
Date Data Arrived at EDR: 10/31/2014	Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 06/22/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/16/2014	Source: EPA
Date Data Arrived at EDR: 10/31/2014	Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 06/22/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/22/2015
	Data Release Frequency: Annually

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: 03/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/10/2015	Telephone: 202-566-1917
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Quarterly

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: 06/12/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/07/2015	Source: Department of Public Health
Date Data Arrived at EDR: 06/09/2015	Telephone: 916-558-1784
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/09/2015
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Varies

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: 07/13/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/28/2015
	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: 05/18/2015	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 05/22/2015	Telephone: 916-341-6066
Date Made Active in Reports: 06/05/2015	Last EDR Contact: 05/18/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/30/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/01/2015	Telephone: 916-255-3628
Date Made Active in Reports: 05/13/2015	Last EDR Contact: 07/24/2015
Number of Days to Update: 12	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/15/2015	Source: Department of Conservation
Date Data Arrived at EDR: 06/17/2015	Telephone: 916-323-3836
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA 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

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/21/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/05/2015
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/21/2015
Date Data Arrived at EDR: 07/22/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 31

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 07/15/2015
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 17

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/03/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List

Cupa Facility list

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 05/22/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 14

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 7

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 08/03/2015
Next Scheduled EDR Contact: 11/16/2015
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: 07/13/2015
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 20

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 04/27/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 15

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 06/18/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/23/2015
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: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 18

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

LAKE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list

Date of Government Version: 05/05/2015
Date Data Arrived at EDR: 05/07/2015
Date Made Active in Reports: 05/20/2015
Number of Days to Update: 13

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 07/21/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 13

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/21/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015
Date Data Arrived at EDR: 07/27/2015
Date Made Active in Reports: 08/10/2015
Number of Days to Update: 14

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/15/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/17/2015
Next Scheduled EDR Contact: 11/02/2015
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: 03/03/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 16

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/27/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/03/2015
Date Data Arrived at EDR: 06/04/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 32

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 06/04/2015
Next Scheduled EDR Contact: 10/28/2015
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: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 17

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 10

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MONO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA Facility List

Date of Government Version: 06/01/2015
Date Data Arrived at EDR: 06/03/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 33

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/16/2015
Number of Days to Update: 9

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

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

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 06/03/2015
Date Data Arrived at EDR: 06/04/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 48

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/01/2015	Source: Health Care Agency
Date Data Arrived at EDR: 05/12/2015	Telephone: 714-834-3446
Date Made Active in Reports: 06/05/2015	Last EDR Contact: 08/06/2015
Number of Days to Update: 24	Next Scheduled EDR Contact: 11/23/2015
	Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2015	Source: Health Care Agency
Date Data Arrived at EDR: 05/12/2015	Telephone: 714-834-3446
Date Made Active in Reports: 06/08/2015	Last EDR Contact: 05/06/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/24/2015
	Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2015	Source: Health Care Agency
Date Data Arrived at EDR: 05/12/2015	Telephone: 714-834-3446
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 08/11/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/23/2015
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/01/2015	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 07/07/2015	Telephone: 530-745-2363
Date Made Active in Reports: 08/05/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/15/2015	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/17/2015	Telephone: 951-358-5055
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/15/2015	Source: Department of Environmental Health
Date Data Arrived at EDR: 07/17/2015	Telephone: 951-358-5055
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 10

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 07/27/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 7

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 06/15/2010	Telephone: 619-338-2371
Date Made Active in Reports: 07/09/2010	Last EDR Contact: 06/03/2015
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/21/2015
	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	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 09/29/2008	Last EDR Contact: 08/06/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 11/23/2015
	Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010	Source: Department of Public Health
Date Data Arrived at EDR: 03/10/2011	Telephone: 415-252-3920
Date Made Active in Reports: 03/15/2011	Last EDR Contact: 08/06/2015
Number of Days to Update: 5	Next Scheduled EDR Contact: 11/23/2015
	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: 06/22/2015	Source: Environmental Health Department
Date Data Arrived at EDR: 06/26/2015	Telephone: N/A
Date Made Active in Reports: 07/06/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/22/2015	Source: San Luis Obispo County Public Health Department
Date Data Arrived at EDR: 05/26/2015	Telephone: 805-781-5596
Date Made Active in Reports: 06/10/2015	Last EDR Contact: 05/20/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 07/22/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 12

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/15/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 06/10/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 06/10/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/07/2015
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: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 05/12/2015
Date Made Active in Reports: 06/08/2015
Number of Days to Update: 27

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/08/2015
Number of Days to Update: 13

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/12/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 24

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 06/19/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 20

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015
Date Data Arrived at EDR: 06/30/2015
Date Made Active in Reports: 07/07/2015
Number of Days to Update: 7

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 18

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tank Sites

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

Date of Government Version: 07/01/2015	Source: Department of Health Services
Date Data Arrived at EDR: 07/07/2015	Telephone: 707-565-6565
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/05/2015	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 06/09/2015	Telephone: 530-822-7500
Date Made Active in Reports: 07/06/2015	Last EDR Contact: 06/05/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/13/2015	Source: Division of Environmental Health
Date Data Arrived at EDR: 07/28/2015	Telephone: 209-533-5633
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 07/24/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 06/26/2015	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 07/17/2015	Telephone: 805-654-2813
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/30/2015
	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	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 06/26/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 08/12/2015
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/27/2015	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/29/2015	Telephone: 805-654-2813
Date Made Active in Reports: 05/13/2015	Last EDR Contact: 07/27/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/27/2015	Source: Environmental Health Division
Date Data Arrived at EDR: 06/17/2015	Telephone: 805-654-2813
Date Made Active in Reports: 07/06/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 19	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 07/08/2015	Source: Yolo County Department of Health
Date Data Arrived at EDR: 07/13/2015	Telephone: 530-666-8646
Date Made Active in Reports: 07/22/2015	Last EDR Contact: 07/06/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/18/2015	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/19/2015	Telephone: 530-749-7523
Date Made Active in Reports: 06/05/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/16/2015
	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: 07/30/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/19/2013	Telephone: 860-424-3375
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 05/18/2015
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2015
Date Data Arrived at EDR: 05/06/2015
Date Made Active in Reports: 05/20/2015
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation
Telephone: 281-546-1505

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
Telephone: 800-823-6277

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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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX D
SITE DOCUMENTATION

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
NORTH COAST REGION

5550 SKYLANE BLVD. SUITE A
SANTA ROSA, CA 95403
PHONE: (707) 576-2220



February 6, 1997

Jerry Christian
Purity Products
4 Maxwell Court
Santa Rosa, CA 95401

Dear Mr. Christian:

Subject: Purity Products, 3 North Street, Healdsburg, Case No. ITS0372

Thank you for providing us with documentation concerning proper well abandonment and the analytical results for the stockpile soil. Proper well abandonment and waste disposal were identified in our August 28, 1996 letter as the remaining regulatory requirements for completion of this project.

Therefore, your case closure letter is enclosed. Closure was deemed appropriate for this case based on the site specific information summarized in our August 28, 1996 letter. Congratulations. My compliments to you and EBA Wastechologies for a job well done.

It has been a pleasure working with you. If you have any questions please call me at (707) 576-2675.

Sincerely,

A handwritten signature in cursive script that reads "Joan Fleck".

Joan Fleck
Associate Engineering Geologist

JEF:lmf/purity

cc: Sonoma County Environmental Health Services
Healdsburg Fire Department
EBA Wastechologies, 825 Sonoma Avenue, Suite C, Santa Rosa, CA 95404

Rec
8/29/90
BAR

Parity Products

COPY

REPORT ON
TANK REMOVAL ACTIVITIES AND WORK PLAN
for a
PRELIMINARY GROUNDWATER INVESTIGATION
3 North Street
Healdsburg, California

WATER CONTROL BOARD
REGION 1

AUG 23 1990

- BK
- CJ
- FR
- RT
- JH
- SW
- ALL STAFF
- PK
- LR
- BF
- KD
- JS
- REPLY
- FILE

Prepared for:

MPH, Inc.
Santa Rosa, California

August 1990

Prepared by:

BASELINE ENVIRONMENTAL CONSULTING
101 H Street, Suite L
Petaluma, California 94952
(707) 762-5233

UT10-107P

BASELINEE
ENVIRONMENTAL CONSULTING

14 August 1990
UT10-107P

Ms. Shirley Pool
MPH, Inc.
732 Davis Street
Santa Rosa, CA 95402

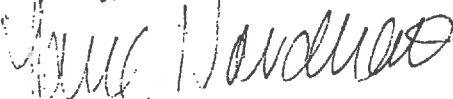
Subject: Report on Underground Tank Removal Activities and Work Plan for Preliminary Groundwater Investigation, 3 North Street, Healdsburg, California

Dear Shirley:

This letter transmits our report on the details of soil sampling and excavation activities related to the removal of the underground gasoline storage tank at the Purity Chemical Company's facility at 3 North Street in Healdsburg, California. The report also includes a work plan for a preliminary investigation of groundwater quality beneath the site. We have enclosed four copies of the report. It is our understanding that, of these copies, one each should be submitted to Frank Latoures of Purity Chemical, Randy Collins of the Healdsburg Fire Department, and Susan Warner of the North Coast Regional Water Quality Control Board.

As usual it was a pleasure working with you on this project. If we can be of further assistance or if you have any questions on our report, please contact us at your convenience.

Sincerely,



Yane Nordhav
Principal
Reg. Geologist #4009



Kevin O'Dea
Senior Geologist

YN:KOD:my/UT90a
Enclosure

REPORT ON
TANK REMOVAL ACTIVITIES AND WORK PLAN
for a
PRELIMINARY GROUNDWATER INVESTIGATION
3 North Street
Healdsburg, California

Prepared for:

MPH, Inc.
Santa Rosa, California

August 1990

Prepared by:

BASELINE ENVIRONMENTAL CONSULTING
101 H Street, Suite L
Petaluma, California 94952
(707) 762-5233

UT10-107P

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	1
BACKGROUND	1
TANK REMOVAL ACTIVITIES	3
RESULTS	6
HYDROGEOLOGY	6
CONCLUSIONS	8
RECOMMENDATIONS	8
LIMITATIONS	12

FIGURES

1: Regional Location	2
2: Site Plan	4
3: Typical Well Construction Diagram	9

TABLES

1: Summary of Analytical Results, Soil and Groundwater	7
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APPENDICES

- A: Underground Storage Tank Unauthorized Release
(Leak)/Contamination Site Report
- B: Laboratory Reports
- C: Soil and Water Sampling Methods

**TANK REMOVAL ACTIVITIES AND WORK PLAN FOR
A PRELIMINARY GROUNDWATER INVESTIGATION
3 North Street, Healdsburg, California**

INTRODUCTION

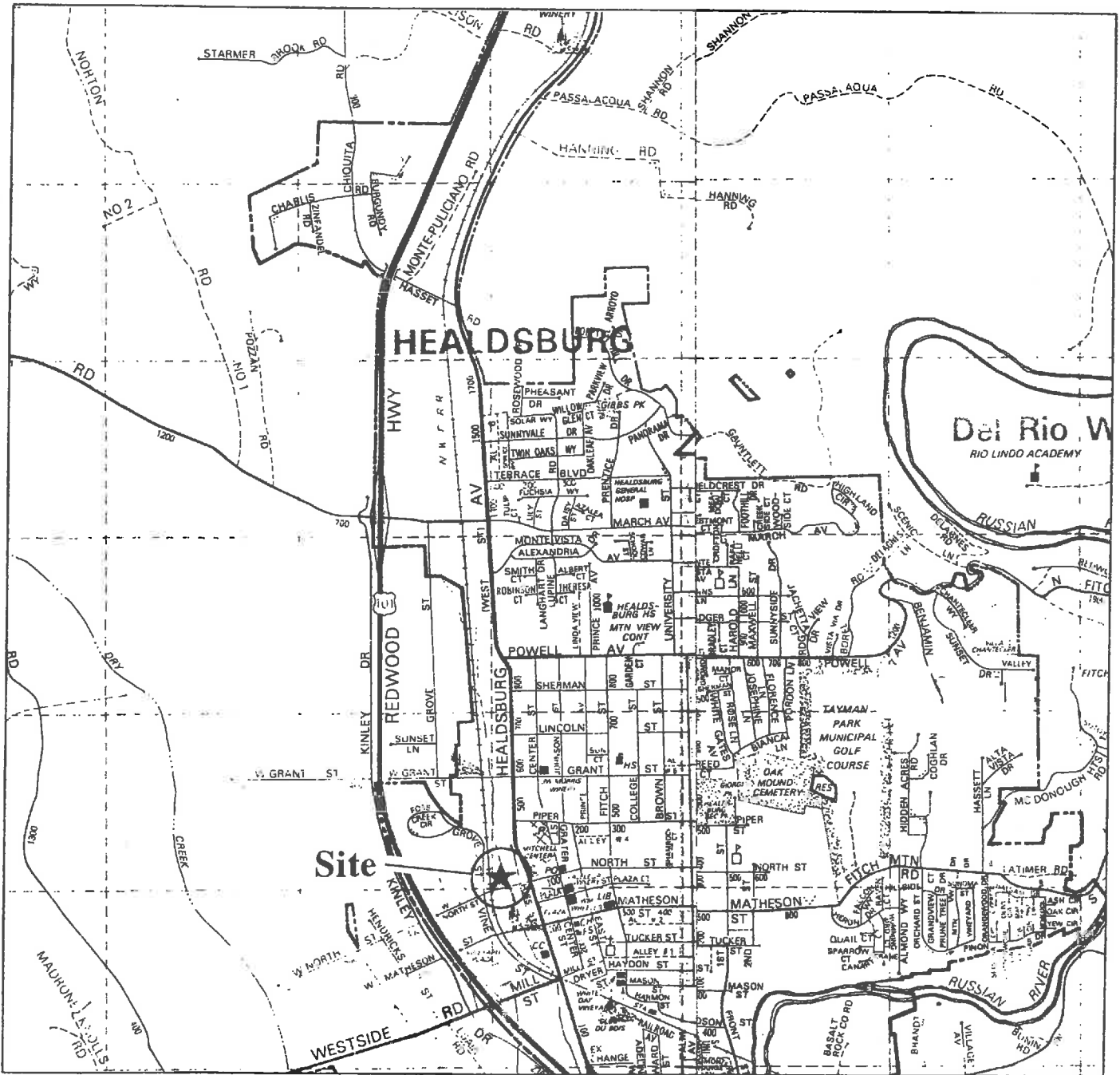
BASELINE Environmental Consulting was retained by MPH, Inc. of Santa Rosa to collect soil samples and supervise the excavation of soil after removal of an underground storage tank from the property at 3 North Street in Healdsburg. During tank removal, observations and laboratory testing of soil samples collected near the tank indicated that a release of hydrocarbons had occurred. The property is currently owned and operated by Purity Chemical Products Company.

This report documents activities undertaken at the site during tank removal and recommends a preliminary groundwater investigation. The results of the groundwater investigation would form the basis for conclusions regarding the subsurface quality at the site and possible recommendations for additional investigation. The proposed groundwater investigation is preliminary in nature and, depending on the findings, additional work may be recommended to delineate potential subsurface contamination.

BACKGROUND

The site is located near downtown Healdsburg in an area dominated by commercial land uses. The regional site location is shown in Figure 1. The western portion of the site is currently operated by Purity Chemical Products Company as a warehouse for storage of agricultural products, including fertilizers, pesticides, and herbicides. A house and storage shed occupy the eastern portion of the property. The site is relatively flat and is at about 100 feet above sea level. Foss Creek, a perennial tributary of Dry Creek, borders the property on the east. The west side of the property is bounded by railroad tracks and an open field. The site is bounded by commercial properties to the north and North Street to the south. One adjacent property to the north was operated from about 1916 to the mid-1960s as a Shell Bulk Oil Distribution Plant. Spillage of hydrocarbons at the site was reported during interviews with a former owner and residents of the area.

Warehouse operations at the site were supported by a 500-gallon underground gasoline storage tank adjacent to the east warehouse wall. The installation date of the tank is unknown. In 1986, the tank was closed in-place by MPH, Inc. of Santa Rosa under the supervision of the Healdsburg Fire Department. The work included dispenser removal, tank rinsing, and subsequent filling with cement slurry. One soil sample was collected from a soil boring below the tank invert near the fill end. The soil sample was analyzed for volatile petroleum hydrocarbons by Multi-Tech Laboratory; no volatile petroleum hydrocarbons were present above detection limits. The dispenser was located directly over the tank; the piping is assumed to have been from the tank to the dispenser. The Healdsburg Fire Department accepted the soil sample as representative of the soil conditions near the tank and approved the tank for closure in-place.



Site



0 0.5 Mile

3 North Street
Healdsburg, California

BASELINE

The potential sources of contamination at the site were identified by BASELINE in a site assessment performed for the Monticello Group and Purity Chemical Company in April 1990. The potential sources included pesticide or herbicide spillage in or around the warehouse, hydrocarbon contamination in the vicinity of the underground tank, and hydrocarbon contamination along the northern property boundary associated with possible spillage from the former bulk oil facility.

To evaluate the potential for subsurface contamination on the project site, BASELINE collected soil samples at locations identified in the site assessment as possible sites of contamination in February 1990. Nine samples were collected from eight soil borings at depths ranging from 3.5 to 10.0 feet below the ground surface. The sample locations are shown in Figure 2.

Six soil samples were analyzed for petroleum hydrocarbons (EPA Method 8015M) and three samples were analyzed for pesticides and herbicides. The samples were collected from native materials. In the warehouse, the samples were collected from the uppermost native materials encountered. The remaining samples were collected from native materials at the groundwater interface. Laboratory testing of the samples did not identify detectable levels of any of the analyzed constituents.

In BASELINE's site assessment report, it was recommended that the underground storage tank be removed from the property in accordance with state and local regulations, which include soil sampling below the inverts of the tank.

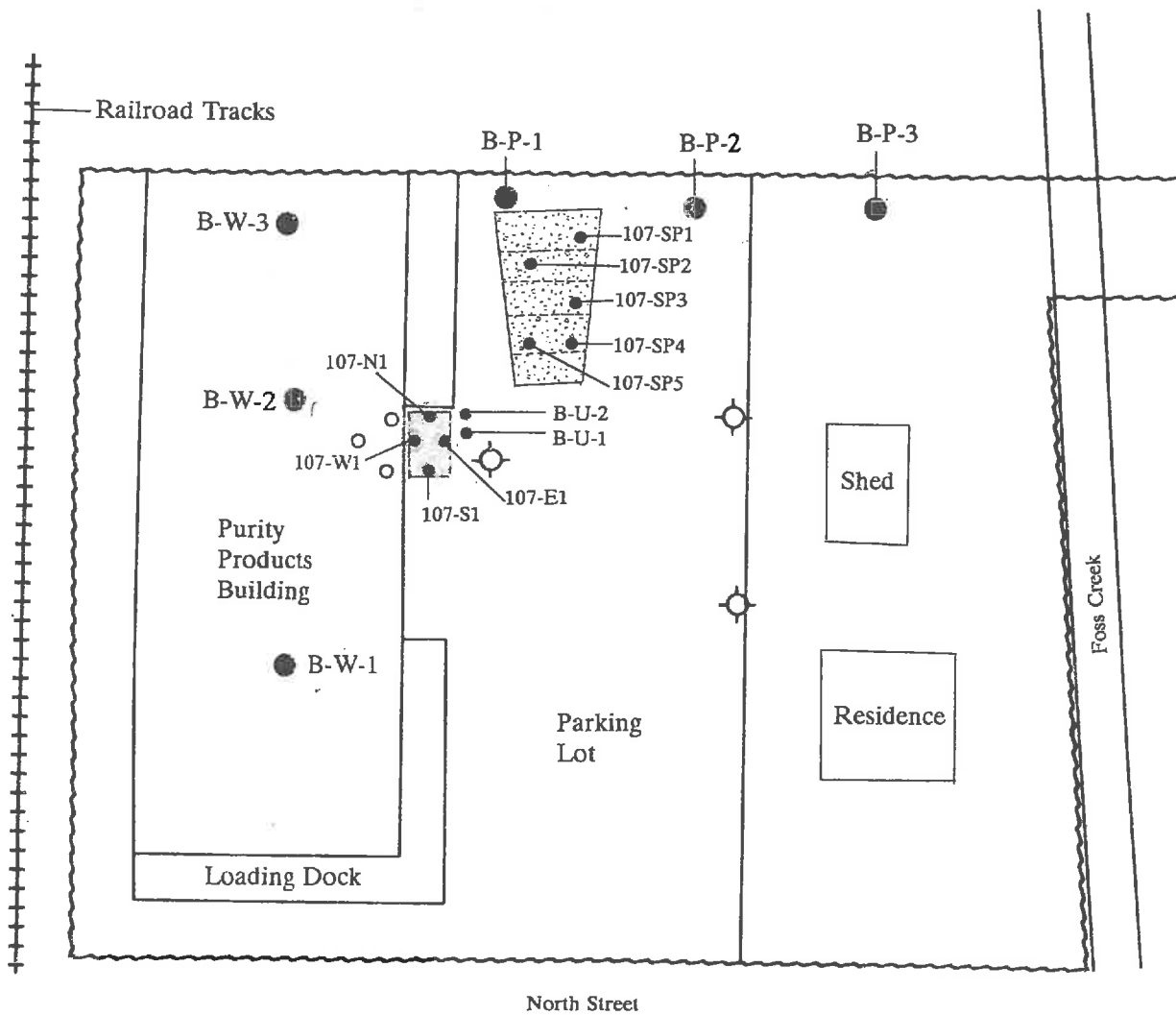
TANK REMOVAL ACTIVITIES

On 22 June 1990, MPH, Inc. removed the cement-filled, 500-gallon underground gasoline storage tank. After removal of the tank, soil samples were collected by MPH personnel from the northwestern corner of the excavation (PC-G1) and from below the tank invert (PC-G2). The samples were transmitted under chain-of-custody on the date of sampling to NET Pacific Laboratories for analysis of total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, xylenes, and ethylbenzene (BTXE). The analytical results were received on 25 June 1990 and indicated high levels of petroleum hydrocarbons in the soils beneath the tank and lower levels in the soils in the north wall of the excavation. On the basis of these analytical results, an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report was filed by MPH with the Healdsburg Fire Department and the Regional Water Quality Control Board, North Coast Region (RWQCB). A copy of the report is presented as Appendix A.




BASELINE was retained to collect additional soil samples and monitor the excavation of contaminated soils at the site. On 9 July 1990, a BASELINE geologist observed additional excavation of the soils in the vicinity of the former tank. Excavation was restricted to the south and east walls of the existing excavation because of the warehouse foundation walls to the north and west. Excavation beneath the foundation walls was not attempted to avoid possible damage to the building.

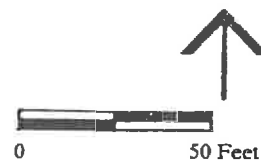
SITE PLAN
3 North Street
Healdsburg, California

Figure 2



Legend:

-  Stockpiled Soils
-  Tank Excavation
- 107-SP1 ● Soil Sample Location
- B-P-1 ● Boring Location
- Proposed Boring Location
-  Proposed Monitoring Location



The excavation was extended to the south and east. The final excavation dimensions were 19 feet (north-south) by 12 feet (east-west) by 8 to 8.5 feet deep, representing an approximate volume of 72 cubic yards. On the basis of truckloads of excavated soil, the volume of the stockpile is estimated to be between 90 and 100 cubic yards. The excavated soils were stockpiled on plastic and segregated, to the extent practical, on the basis of general levels of contamination. The stockpiled soils were covered with plastic to minimize the emission of volatile compounds.

Soil samples were collected from each wall of the completed excavation at a depth of approximately seven feet. The soil samples were collected by excavating with a backhoe then driving a clean brass tube into the soil in the backhoe bucket. The depth of soil sampling was approximately one foot above the level of observed groundwater in the excavation. The ends of the sampling tubes were covered with aluminum foil, capped with plastic caps, taped, labeled, and stored in a cooled container. The samples were transported under chain-of-custody on the date of sampling to NET Pacific Laboratories in Santa Rosa for analysis of TPHg and BTXE.

Samples collected from the south (107-S1) and east (107-E1) walls of the excavation were submitted for 48-hour turnaround as requested by Mr. Robert Wainwright. The reason for accelerated turnaround was to provide results to evaluate whether additional excavation was necessary.

The results of the testing were received on 11 July 1990; no detectable levels of hydrocarbons were present in samples 107-S1 and 107-E1. These results suggested that the excavation south and east of the former tank location had successfully removed the affected soils. On the basis of these results and the fact that additional excavation to the north and west was not advisable, the excavation was backfilled with clean gravel by MPH on 13 July 1990.

Groundwater was encountered at a depth of 8.2 feet on 9 July 1990 and entered the excavation at a slow rate through the clayey soils at the base of the excavation. Groundwater did not accumulate in the excavation in sufficient quantities to allow collection of a water sample. On 13 July 1990, a pool of groundwater had formed in the excavation and was sampled with a clean disposable bailer. The groundwater sample (107-GW1) was submitted with soil samples to NET Pacific Laboratories for analysis of TPHg and BTXE.

On 13 July 1990, a BASELINE geologist collected five samples of the stockpiled soils at the site. The positions of the samples were chosen at random within a grid of five subequal sampling cells. The number of samples was chosen to meet the requirement of one sample per 20 cubic yards of excavated soils. The samples were collected by driving clean, thin-walled brass tubes into the spoil piles at a depth of approximately one-half the pile height. The samples were prepared as described above for other soil samples collected at the site and were submitted under chain-of-custody on the date of sampling to NET Pacific Laboratories for analysis of TPHg and BTXE.

RESULTS

The results of analytical testing of soil and groundwater samples at the site are summarized in Table 1. The results of previous investigations, including BASELINE's site assessment, MPH soil sampling, and sampling of excavation walls, groundwater, and spoil piles, are included in the table. Laboratory reports of analytical results for the soil and groundwater samples collected during tank removal activities described are presented as Appendix B.

The samples collected from the side walls of the excavation indicate that the soils west and north of the former tank location contain residual levels of hydrocarbon constituents. The sample from the west wall contains TPHg (3,300 mg/kg), high levels of BTXE, and organic lead (1.4 mg/kg). Lower levels of hydrocarbon contamination were detected in the soils of the north wall. As discussed earlier in this report, the soil samples collected from the south and east walls did not contain detectable levels of hydrocarbons. Detectable levels of TPHg (0.10 mg/L) and xylene (0.002 mg/L) were found in the groundwater sample collected from the tank excavation. All of the soil samples collected from the stockpiled soils contained detectable levels of TPHg, ranging from 2 to 4,000 mg/kg, and BTXE.

HYDROGEOLOGY

Regional

The site is located on the relatively flat topography of the alluvial plain of the Russian River drainage system. The alluvium of this area is Quaternary to Holocene in age and consists of unconsolidated clay, silts, sands, and gravel. The thickness of these sediments beneath the site is unknown, but it is known to be up to 150 feet thick in the Dry Creek Valley. In general, the depth to groundwater in the alluvium is less than 20 feet (California Division of Mines and Geology, Special Report 120).

Site Hydrogeology

The drilling and sampling of eight borings and excavation at the tank location provide data for preliminary evaluation of the stratigraphy and hydrogeologic conditions at the site. In the vicinity of the tank, the surface is underlain by approximately 1.5 to 2.5 feet of sandy, silty gravel fill. A dark brownish-gray to gray silty clay with some gravel extends to at least 8 feet beneath the fill. Groundwater was encountered and stabilized at a depth of about 8 feet. The direction of the groundwater gradient and flow is expected to be toward Foss Creek, east of the site. At a site currently under investigation by BASELINE (75 Grant Street, Healdsburg), in a similar position with respect to Foss Creek, the direction of shallow groundwater flow has been consistently toward the creek through the fall, winter, and spring of 1989-1990. The creek is apparently a groundwater discharge boundary.

TABLE 1
 SUMMARY OF ANALYTICAL RESULTS, SOIL AND GROUNDWATER
 3 North Street, Healdsburg
 (in mg/kg unless otherwise noted)

Sample Number	Date	Depth (feet)	Gasoline	Oil and Grease	Benzene	Toluene	Xylene	Ethylbenzene	Organic Lead
<u>Soil Borings¹</u>									
B-P-1	2/22/90	5.5	ND	ND	--	--	--	--	--
B-P-2	2/22/90	4.5	ND	ND	--	--	--	--	--
B-P-3	2/22/90	10.0	ND	ND	--	--	--	--	--
B-P-3A	2/22/90	10.5	ND	ND	--	--	--	--	--
B-UT-1	2/22/90	6.0	ND	--	--	--	--	--	--
B-UT-2	2/22/90	5.5	ND	--	--	--	--	--	--
<u>Tank Excavation Soils</u>									
PC-G1 ²	6/22/90	4.5	15	--	0.049	0.240	0.620	0.120	--
PC-G2 ²	6/22/90	6.0	2,500	--	ND	13,000	240,000	47,000	--
107-W1	7/09/90	7.0	3,300	--	1,500	40,000	160,000	51,000	1.4
107-N1	7/09/90	7.0	120	--	ND	ND	1,100	0.710	ND
107-E1	7/09/90	7.0	ND	--	ND	ND	ND	ND	--
107-S1	7/09/90	7.0	ND	--	ND	ND	ND	ND	--
<u>Stockpile Soils</u>									
107-SP1	7/13/90	1.5	700	--	ND	0.590	22,000	0.960	--
107-SP2	7/13/90	1.5	1,600	--	ND	1,200	35,000	13,000	--
107-SP3	7/13/90	1.5	110	--	ND	ND	720	420	--
107-SP4	7/13/90	1.5	2.3	--	ND	ND	0.020	ND	--
107-SP5	7/13/90	1.0	4,400	--	ND	4,100	110,000	16,000	--
<u>Groundwater (mg/L)</u>									
107-GW1	7/13/90	8.2	0.10	--	ND	ND	0.002	ND	--

¹ Soil samples collected by BASELINE in February 1990.

² Soil samples collected by MPH, Inc.

Notes: ND = not detected.

-- = not analyzed.

Laboratory reports presented in Appendix B. Sampling locations are shown in Figure 2.

CONCLUSIONS

1. The results of analytical testing and observations made during tank removal at the site indicate that an unauthorized release of hydrocarbons to the subsurface occurred in the vicinity of the former tank. The detectable hydrocarbon constituents are similar to the materials that were reportedly stored in the tank. The cause and age of the release are not known. The analytical results for the soil samples collected during and before tank removal suggest that contaminant migration into soils of the unsaturated zone is limited to the area close to the former tank location. The excavation activities were apparently successful in removing all contaminated soils east and south of the former tank location.
2. Contaminated soils beneath the building were not removed. The level of contamination suggests that these soils could act as a potential source of hydrocarbon release to groundwater beneath the site. Although the extent of contamination beneath the building is unknown, soil contamination extended approximately 12 feet south and 4 feet east of the former tank location. The extent of contamination to the west and north would probably be within this range.
3. The analytical results of the groundwater that collected in the tank removal excavation suggest that the groundwater in the vicinity of the former tank location may have been affected by the hydrocarbon release. The quality of groundwater in the excavation is not necessarily representative of conditions adjacent to the excavation. The groundwater sample was collected two days after exposure of the groundwater table because of the slow rate of infiltration into the excavation. Exposure of the water may have resulted in volatilization of some hydrocarbon constituents. It is also possible that the water may have been contaminated with soils that fell into or were mixed with the water during excavation.

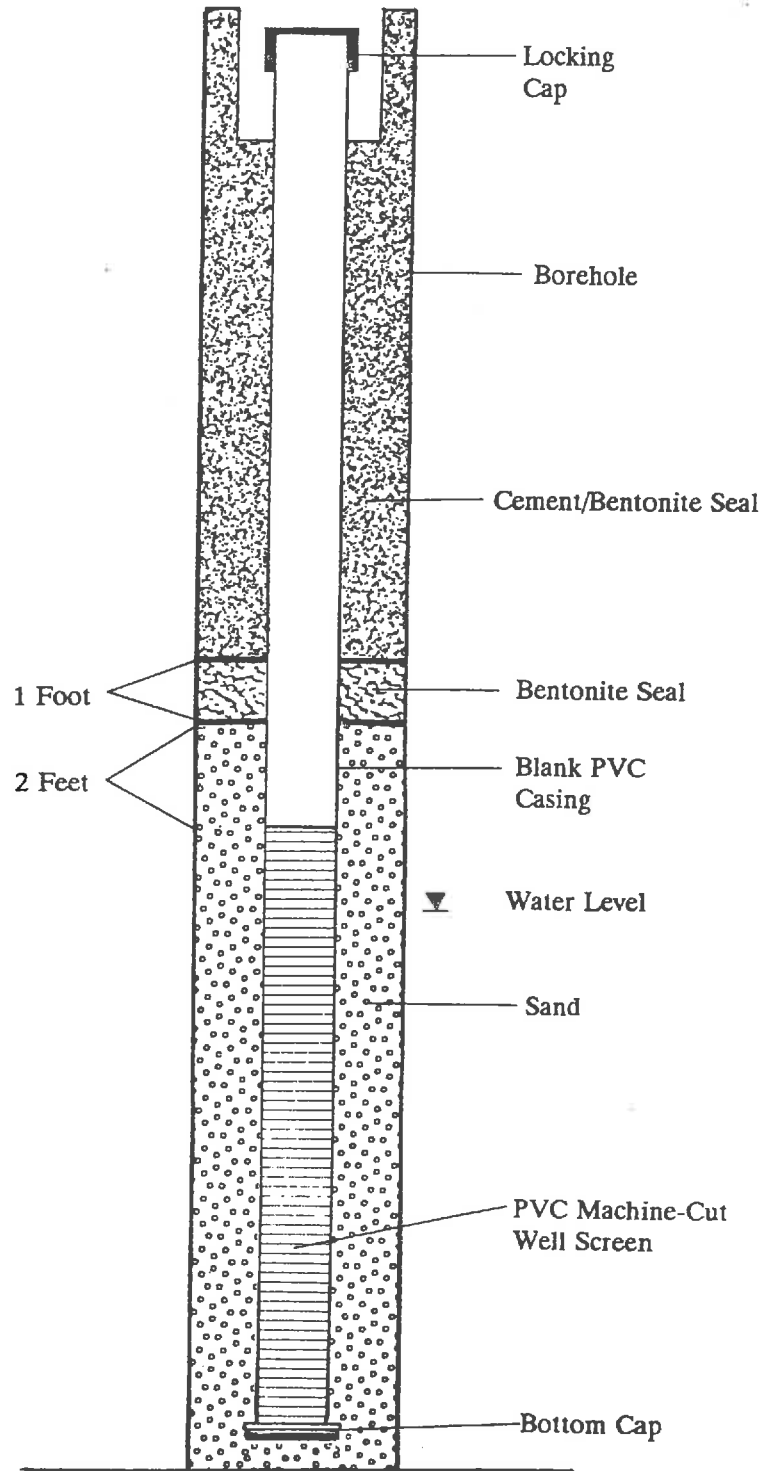
RECOMMENDATIONS

1. The extent of hydrocarbon contamination in soils in the unsaturated zone beneath the building should be investigated. Borings should be drilled in the positions shown on Figure 3 and samples should be collected at or just below the gravel fill interface beneath the warehouse floor and just above the groundwater table. The distribution of hydrocarbon contamination could then be evaluated and a remediation plan developed. Remediation options may include excavation of soils beneath and within the warehouse foundation during operation of the present facility or after removal of the building. *In situ* remediation of the contaminated soils is a possible option, but additional technical information regarding the physical and bacteriological characteristics would need to be collected before evaluating the appropriateness of this remediation technique.

If construction, including excavation, is proposed or planned in the warehouse area north or west of the former tank location, a site safety plan should be developed to protect workers against potential exposure to soils containing hydrocarbons.

MONITORING WELL CONSTRUCTION DETAILS Underground Tank Investigations

Figure 3



2. The verification of an unauthorized release of petroleum hydrocarbons would require the implementation of a preliminary assessment of the groundwater quality beneath the site. It is recommended that three monitoring wells be installed at the project site in the locations shown in Figure 2. The purpose of the well closest to the former tank location would be to provide a monitoring point at a presumed downgradient position. The remaining two wells would serve to define the local groundwater gradient beneath the site. It is possible that the verified gradient may be such that the closest well is not in a downgradient position. In this case, an additional well may be required by the regulators. Additional wells may also be required to evaluate the extent of groundwater contamination if the sampling of the initial wells indicates that groundwater quality has been affected by the release of the hydrocarbons.

The well closest to the former tank location would be constructed with four-inch PVC casing. The other wells would be constructed with two-inch PVC casing. The well screen slot size for all the wells would be 0.010 inch due to the fine-grained nature of some of the subsurface materials identified in the tank excavations. A typical well construction diagram is shown in Figure 3. The depths of the screened intervals in the wells would depend on field conditions, but would be installed to account for shallow groundwater fluctuations. Soil samples would be collected in the unsaturated zone at minimum intervals of five feet. Additional samples would be collected if major changes in lithology were encountered or if air monitoring of soil cuttings indicated the presence of hydrocarbons. Samples would be collected with a California modified sampler fitted onto hollow-stem augers. Soil sampling methods are described in Appendix C. The sand filter, bentonite seal, and cement grout would be tremied into the drill hole through the hollow-stem augers.

All augers and sampling equipment would be decontaminated by steam-cleaning before mobilization onto the site and between each monitoring well location. All sampling equipment would be decontaminated with TSP and deionized water between each sampling event. All drill cuttings would be stored on-site in labeled, secured, 55-gallon drums until analytical results from the soil samples have been received, at which time disposal options would be determined.

The wells would be developed with a power pump until fines have been removed from the development water and until pH and electrical conductivity have stabilized. After 24 hours, the wells would be checked for floating product and water levels with a dual-interface probe. The wells would be sampled after purging of a minimum of five well volumes. After sampling, water levels would be measured. Development and purged water would be stored in labeled, secured, 55-gallon drums until analytical results have been obtained to determine disposal options.

Soil samples collected in the unsaturated zone during well bore drilling would be analyzed for TPHg (EPA Method 8015), BTXE (EPA Method 8020), and organic lead.

The water well samples would be submitted, under chain-of-custody, to a California certified laboratory for analysis. The samples would be analyzed for TPHg (EPA Method 8015) and volatile organics (EPA Method 602). For quality control, one duplicate sample would also be submitted for analysis. Groundwater samples would be examined for sheen, odor, and floating product. If floating product were observed in the wells, the thickness would be measured using a dual interface probe.

A log of the wells would be sent to the California Department of Water Resources for its files. The wells would be surveyed by a licensed surveyor to determine elevation with respect to mean sea level.

3. A report would be submitted to the Sonoma County Hazardous Materials Management Program (SCHMMP) and the RWQCB delineating the methods used and the results of the well installations and sampling. The report would include recommendations for additional activities to either further delineate potential groundwater contamination, remediation, or future monitoring activities.
4. A site safety plan would be developed and implemented at the site to protect workers involved in the drill, well installation, and sampling activities. The site safety plan would address the proper identification and treatment and/or disposal of fuel-contaminated soils and the proper protective equipment to be used by workers who may come in physical contact with (or may inhale vapors emitted by) the soils. The plan would be submitted with monitoring well permit applications to the SCHMMP.
5. At least three options exist for management of the excavated soils stockpiled at the site. The initial sampling of the pile suggests that the level of petroleum hydrocarbons in the soils would not be acceptable for disposal at a Class III landfill. Disposal at a Class I landfill is possible. The soils would be transported by a licensed hauler as hazardous waste and would require a uniform hazardous waste manifest. This disposal option is likely to be the most expensive option and the property owner could potentially incur liability associated with the safe transport and disposal of the soils.

The second option is to aerate the soils at the site during the remaining summer months of 1990 in an effort to reduce contamination to nondetectable levels. In this process, the soils would be spread onto plastic sheeting to a thickness of one to two feet. The soils would then be turned monthly to permit exposure of all the soils to air and sunlight (heat). The mixing should be performed by an experienced contractor with permits and licensing for handling hazardous waste. Soil aeration allows volatilization and passively promotes biodegradation of the hydrocarbons.

An aeration permit from the Northern Sonoma County Air Pollution Control District would be required for this activity. The soils would be resampled in October 1990 to evaluate the success of aeration. If appropriate resampling of the stockpiles indicates that aeration and passive bioremediation has successfully reduced the contamination to nondetectable levels, the soil can be used on- or off-site as fill in a manner such that sediment pollution is not generated into surface or ground waters. The disposal of the soils at the site would require approval by the RWQCB.

Alternatively, the stockpiled soils may be treated by enhanced bioremediation. In this option, nutrients (in the form of organic compost) can be added to the stockpiled soils to promote bacteriological activity. Naturally occurring bacteria in the soil are able to metabolize petroleum hydrocarbons. Supplying nutrients to the soils would increase the bacteria population. Enhanced bioremediation could be performed at the site if sufficient space were available. A plan giving details of the bioremediation process must be submitted to and approved by the RWQCB. If contaminant concentrations are reduced to acceptable levels, the treated soil could be disposed of at a Class III or possibly at the site if levels are reduced to nondetectable levels.

If the soils are stored or treated on-site, the stockpiles must be contained on plastic and bermed to prevent runoff onto or away from the piles. During the rainy season, beginning in October, the piles should be covered to prevent erosion and runoff.

LIMITATIONS

The conclusions presented in this report are professional opinions based on the data described. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented apply to site conditions existing at the time of study. Changes in the conditions of the subject property can occur with time, because of natural processes or the works of man, on the subject site or on adjacent properties. Changes in applicable standards can also occur as a result of legislation or from the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

APPENDIX A

**UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE
(LEAK)/CONTAMINATION SITE REPORT**

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 2580.7 OF THE HEALTH AND SAFETY CODE.
--	---	---

REPORT DATE 06/26/90	CASE #
--------------------------------	--------

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Linda Pool	PHONE (707) 528-1493	SIGNATURE <i>Linda Pool</i>
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OTHER Contractor	COMPANY OR AGENCY NAME M. P. H., Inc.	
	ADDRESS P. O. Box 1921 Santa Rosa Ca 95402		

RESPONSIBLE PARTY	NAME Purity Products <input type="checkbox"/> UNKNOWN	CONTACT PERSON Frank Latoures	PHONE (707) 546-2585
	ADDRESS 3 North Street, Healdsburg, CA 95448		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) Purity Products	OPERATOR	PHONE ()
	ADDRESS 3 North Street Healdsburg, Sonoma 95448		
	CROSS STREET Healdsburg Ave.	TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER	TYPE OF BUSINESS <input type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input checked="" type="checkbox"/> OTHER

EMITTING AGENCIES	LOCAL AGENCY Healdsburg Fire Department	AGENCY NAME	CONTACT PERSON Bob Taylor	PHONE (707) 431-3360
	REGIONAL BOARD North Coast region		CONTACT PERSON Sue Warner (707) 576-2220	

SUBSTANCES INVOLVED	(1) NAME Gasoline	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 06/26/90	HOW DISCOVERED <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> GLOBE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 06/26/90			

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	TANKS ONLY/CAPACITY 550 GAL AGE _____ YRS <input type="checkbox"/> UNKNOWN	MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER
--------------	--	--	--	---

CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES
----------------	--

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)			
	<input type="checkbox"/> CAP SITE (CD)	<input type="checkbox"/> EXCAVATE & DISPOSE (ED)	<input type="checkbox"/> REMOVE FREE PRODUCT (FP)	<input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)
	<input type="checkbox"/> CONTAINMENT BARRIER (CB)	<input checked="" type="checkbox"/> EXCAVATE & TREAT (ET)	<input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT)	<input type="checkbox"/> REPLACE SUPPLY (RS)
	<input type="checkbox"/> TREATMENT AT HOOKUP (HU)	<input type="checkbox"/> NO ACTION REQUIRED (NA)	<input type="checkbox"/> OTHER (OT)	

COMMENTS	
----------	--

APPENDIX B

LABORATORY REPORTS

PROPERTY OF THE BOARD OF REGISTRY

MAR 29 1993

Prepared For

Mr. Jerry Christian
Purity Products Company
4 Maxwell Court
Santa Rosa, California 95401

Mr. Christian
 Mr. Lee
 Mr. Butler
 Mr. Calomiris
 Mr. Lee
 Mr. Butler
 Mr. Calomiris

Purity Products

BAK

HYDROGEOLOGIC ASSESSMENT REPORT

3 NORTH STREET

HEALDSBURG, CALIFORNIA

MARCH 1993

EBA Project Number 92-388

Prepared By

John Calomiris

John Calomiris, Environmental Specialist

Reviewed By

Jack M. Lee

Jack M. Lee, REA # 01521
REHS # 3355

Environmental Health Specialist

Supervised By

Duane Butler

Duane Butler, P.E. CE # 1335
REA # 01999



EBA WASTECHNOLOGIES

March 26, 1993

Mr. Jerry Christian
Purity Products Co.
4 Maxwell Court
Santa Rosa, California 95401

**SUBJECT: Hydrogeologic Assessment Report
3 North Street
Healdsburg, California
EBA Project No. 92-388**

Dear Mr Christian:

Enclosed please find the Purity Product Company, 3 North Street, Healdsburg, California, Hydrogeologic Assessment Report prepared by EBA WASTECHNOLOGIES. This report documents field activities performed at 3 North Street, Healdsburg, presents findings from the investigation, provides conclusions regarding the impact to groundwater from the former underground storage tank (UST) and discusses recommendations for additional site work to further characterize the impact to groundwater from the former UST.

In accordance with your request, a copy of this report is being submitted to the North Coast Regional Water Quality Control Board (NCRWQCB) for their review. If you have any questions regarding this report, please contact us at (707) 544-0784.

Very truly yours,
EBA WASTECHNOLOGIES

John Calomiris

John Calomiris
Environmental Specialist

cc: Bonnie Rolandelli, NCRWQCB
SCPHD
HFD

TABLE OF CONTENTS

SECTION	PAGE
1 INTRODUCTION	1
1.1 Scope of Work	1
2 BACKGROUND	1
2.1 Site Location	1
2.2 Site History	2
3 GROUNDWATER INVESTIGATION	5
3.1 Regional Hydrogeologic Setting	5
3.2 Site Hydrogeology	5
3.3 Groundwater Flow Direction	5
3.4 Well Location And Elevation	6
3.5 Well Installation And Construction	6
3.6 Soil Sample Collection And Analysis	7
3.7 Equipment Decontamination	8
3.8 Well Development	8
3.9 Groundwater Sample Collection And Analysis	8
4 SOIL AND GROUNDWATER ANALYTICAL RESULTS	9
4.1 Soil Sample Analytical Results	9
4.2 Groundwater Sample Analytical Results	9
5 CONCLUSIONS	11
6 RECOMMENDATIONS	11
7 LIMITATIONS	12

APPENDIX A - Figures

APPENDIX B - Well Logs and Groundwater Sample Log

APPENDIX C - Complete Analytical Reports

1 INTRODUCTION

On June 22, 1990 MPH Inc. of Santa Rosa removed one cement-filled 500-gallon underground gasoline storage tank (UST) from Purity Products Company, 3 North Street, Healdsburg. Soil samples collected from beneath the tank invert and from the northwestern corner of the tank pit indicated concentrations of 2,500 mg/Kg total petroleum hydrocarbons as gasoline (TPHG) and 15 mg/Kg TPHG, respectively. Consequently, MPH Inc. filed an unauthorized release/contamination site report with the Healdsburg Fire Department (HFD) and the North Coast Regional Water Quality Control Board (NCRWQCB). The NCRWQCB directed the property owner to conduct a preliminary site assessment in accordance with the steps outlined in the "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites". Purity Products Company retained EBA WASTECHNOLOGIES (EBA) to perform a preliminary site assessment at the project site to determine the impact to groundwater in the vicinity of the former UST.

1.1 Scope of Work

On February 2, 1993, EBA WASTECHNOLOGIES (EBA) supervised the installation of one (1) groundwater monitoring well (EB-1) and two (2) piezometer wells (EB-2 and EB-3) in the vicinity of the former UST. EBA collected soil samples from each of the soil borings during well(s) installation and, following well development, collected a groundwater sample from the monitoring well EB-1. The soil and groundwater samples were delivered to a California state-certified laboratory where they were analyzed in compliance with NCRWQCB and SCPHD standards. Clear Heart Construction of Guerneville provided construction services; Country Pump And Well of Forestville developed the wells. The elevation of the wells was surveyed with respect to mean sea level (MSL).

2 BACKGROUND

2.1 Site Location

The site is located near downtown Healdsburg at 3 North Street (Vicinity Map, Figure 1). Land use in the vicinity is predominantly commercial. The western portion of the site is currently operated by Purity Chemical Products Company as a warehouse for the storage of agricultural products, including fertilizers, pesticides, and herbicides. The former 500-gallon UST was located adjacent to the east warehouse wall (Site Map, Figure 2). A house and storage shed occupy the eastern portion of the property. The site is relatively flat and the elevation is approximately 100 feet above sea level. Foss Creek, a perennial tributary of Dry Creek, borders the property on the east; the west side of the property is bounded by railroad tracks and an open field. There are commercial properties adjacent to the northern property line of the site and North Street is adjacent to the southern property line. From 1916 to the mid 1960s, a Shell Bulk Oil Distribution plant was in operation immediately north of the site.

2.2 Site History

The former 500-gallon UST stored gasoline and was used to support warehouse operations. The installation date of the tank is unknown. In 1986, the tank was closed in-place by MPH, Inc. of Santa Rosa under the supervision of the Healdsburg Fire Department. One soil sample was collected from a soil boring below the tank invert near the fill end. The soil sample was analyzed for volatile petroleum hydrocarbons by Multi-Tech Laboratory; volatile petroleum hydrocarbons were not present above detection limits.

In April 1990, Baseline Environmental Consulting (BEC) conducted a site assessment at the project site to identify potential sources of contamination, including pesticide and herbicide spillage within the warehouse and in the vicinity of the warehouse, and petroleum hydrocarbon contamination in the vicinity of the UST and adjacent to the north property line in association with the former Shell bulk oil facility. Analytical results from soil samples collected in the aforementioned areas did not contain concentrations of the analyzed chemical constituents above their respective reporting limits. BEC recommended that the UST be removed in accordance with state and local regulations.

On 22 June 1990, MPH, Inc. removed the cement-filled 500-gallon former UST. Following tank removal, MPH, Inc. collected soil sample PC-G1 from the northwestern corner of the excavation and soil sample PC-G2 from below the tank invert. NET Pacific Laboratories of Santa Rosa analyzed the soil samples for total petroleum hydrocarbons as gasoline (TPHG) and benzene, ethylbenzene, toluene, and total xylenes (BETX). The analytical results indicated that soil sample PC-G1 contained concentrations of 15 mg/Kg TPHG and soil sample PC-G2 contained concentrations of 2,500 mg/Kg TPHG. On the basis of the analytical results, an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report was filed by MPH with the HFD and the NCRWQCB.

On July 9, 1990, BASELINE Environmental Consulting (BEC) directed additional excavation of the soil in the vicinity of the former UST. Excavation was restricted to the south and east walls of the existing excavation because of the warehouse foundation walls to the north and west. Approximately 90 cubic yards of soil were removed from the excavation and stockpiled on-site north of the excavation. During soil removal, groundwater slowly entered the excavation at a depth of approximately 8 feet. The final dimensions of the excavation were 19 feet north and south by 12 feet east and west, by 8 - 8.5 feet deep.

Soil samples 107-W1, 107-N1, 107-E1, and 107-S1 were collected from the west, north, east and south walls of the excavation, respectively, at a depth of 7 feet. NET Pacific Laboratories of Santa Rosa analyzed the soil samples for TPHG and BETX. Soil samples 107-W1 and 107-N1 were also analyzed for organic lead. Analytical results indicated that soil samples 107-E1 and 107-S1 collected from the east and south sidewalls, respectively, did not contain concentrations of TPHG and BETX above their respective reporting limits. Soil sample 107-N1 collected from the north wall contained concentrations of 120 mg/Kg TPHG, 710 μ g/Kg ethylbenzene, and 1,100 μ g/Kg total xylenes. Benzene, toluene, and organic lead were not detected above their respective reporting limits.

Soil sample 107-W1 collected from the west wall contained concentrations of 3,300 mg/Kg TPHG, 1,500 $\mu\text{g}/\text{Kg}$ benzene, 51,000 $\mu\text{g}/\text{Kg}$ ethylbenzene, 40,000 $\mu\text{g}/\text{Kg}$ toluene, 160,000 $\mu\text{g}/\text{Kg}$ total xylenes, and 1.4 mg/Kg organic lead.

BEC collected a water sample from the excavation which was analyzed for TPHG and BETX. Analytical results indicated concentrations of 0.10 mg/L TPHG and 2.0 $\mu\text{g}/\text{L}$ total xylenes. Benzene, ethylbenzene and toluene were not detected above their respective reporting limits.

BEC characterized the stockpile by analyzing five (5) samples for TPHG and BETX. Analytical results ranged from 2.3 mg/Kg TPHG to 4,400 mg/Kg TPHG.

Based on the analytical results of excavation soil samples, BEC concluded that contaminated soil was removed from the south and east sidewalls of the former UST excavation and that soil contamination remained in the west and north sidewalls of the excavation. MPH, Inc. backfilled the excavation with clean gravel. Table 1 summarizes the analytical results of soil and water samples collected from the UST excavation area.

The August 1990 report on Tank Removal Activities and Work Plan for a Preliminary Groundwater Investigation prepared by BEC provides additional information on the April 1990 site assessment and UST removal and overexcavation activities.

TABLE 1. SOIL SAMPLE ANALYTICAL RESULTS

Sample ID	Date	Depth (Ft.)	Sample Location	TPHG mg/Kg	Benzene ug/Kg	Ethylbenzene ug/Kg	Toluene ug/Kg	Total Xylenes ug/Kg	Organic Lead mg/Kg
B-UT-1	2-22-90	6.0	Soil Boring	ND	NA	NA	NA	NA	NA
B-UT-2	2-22-90	5.5	Soil Boring	ND	NA	NA	NA	NA	NA
PC-G1	6-22-90	4.5	Tank Pit N.W. Corner	15	49	120	240	620	NA
PC-G2	6-22-90	6.0	Tank Invert	2,500	ND	47,000	13,000	240,000	NA
107-W1	7-09-90	7.0	Excavation West Wall	3,300	1,500	51,000	40,000	160,000	1.4
107-N1	7-09-90	7.0	Excavation Wall North	120	ND	710	ND	1,100	ND
107-E1	7-09-90	7.0	Excavation Wall East	ND	ND	ND	ND	ND	NA
107-S1	7-09-90	7.0	Excavation South Wall	ND	ND	ND	ND	ND	NA
107-GW1 Water	7/13/90	8.2	Excavation Bottom	0.10 mg/L	ND	ND	ND	1.8 µg/L	NA
Reporting Limits Soil				1	2.5	2.5	2.5	2.5	1
Reporting Limits Water				.05	0.5	0.5	0.5	0.5	—

ND - Not Detected above reporting limit
 NA - Not Analyzed

3 GROUNDWATER INVESTIGATION

3.1 Regional Hydrogeologic Setting

The site is located on the relatively flat topography of the alluvial plain of the Russian River drainage system. The alluvium of this area is Quaternary to Holocene in age and consists of unconsolidated clay, silts, sands, and gravel. The thickness of these sediments beneath the site is unknown, but it is known to be up to 150 feet thick in the Dry Creek Valley. In general, the depth to groundwater in the alluvium is less than 20 feet (California Division of Mines and Geology, Special Report 120).

3.2 Site Hydrogeology

Well logs recorded during the installation of monitoring well EB-1 and piezometer wells EB-2 and EB-3 in February 1993 indicate that beneath the asphalt ground surface approximately 1.5 feet of sandy, silty, gravel fill was encountered. From 1.5 feet bgs to 16 feet bgs dark grayish brown, medium stiff to stiff, moist, sandy silty clay (CL) was encountered.

Principal first water was encountered at 10 to 14 feet bgs. Although EB-2 was continuously sampled from 4 feet bgs to 13 feet bgs, a distinct water producing formation was not identified. It is likely that principal first water was encountered in thin sand lenses interbedded in the clay. Water entered the respective boreholes rapidly at this depth. A very small amount of water, which probably indicates the extent of the capillary fringe, was encountered at 7-8 feet bgs. Soil samples collected below the zone in which principal first water was encountered consisted of slightly moist to moist clay.

Following well(s) installation, the static water level in the respective wells ranged from 6 to 6.5 feet below the top of well casing (TOC). On February 12, 1993, the water level in the respective wells ranged from 3.96 feet bgs to 4.70 feet bgs.

3.3 Groundwater Flow Direction

The groundwater flow direction at the project site is expected to be southeast toward Foss Creek. Foss Creek is east of the project site and flows from the north to the south. Groundwater elevation data from surrounding sites east of Foss Creek located at 75 Grant Avenue, 456 Healdsburg Avenue, and 437 Healdsburg, respectively, indicates that the direction of shallow groundwater flow is southwest toward the creek. The creek is apparently a groundwater discharge boundary.

Groundwater flow direction calculated from water level measurements recorded on February 12, 1993 indicates that the groundwater flow direction was S12°W; groundwater gradient was 0.012 ft/ft. This flow direction suggests that during elevated groundwater levels, Foss Creek may recharge the shallow aquifer.

3.4 Well(s) Location And Elevation

Monitoring well EB-1 is located approximately 10 feet southeast of the former UST. Piezometer wells EB-2 and EB-3 are located approximately 50 feet northeast and 70 feet southeast, respectively, of the former UST. The site Map, Figure 2 indicates the location of the wells.

Elevation of the top of casing (TOC) of monitoring well EB-1 and piezometer wells EB-2 and EB-3 were surveyed under the supervision of a registered civil engineer to the nearest 0.01 foot with respect to mean sea level (MSL). City of Healdsburg Temporary Point No. 21, located on the southwest corner of the North Street Bridge over Foss Creek, chiseled X, elevation 99.81 feet MSL, served as the benchmark. Well survey data, groundwater elevation, and well specifications are presented in Table 2.

TABLE 2. WELL SPECIFICATION & WATER LEVEL ELEVATION DATA

Monitoring Well ID	Depth (ft)	Screen Interval (ft)	TOC Elevation above MSL (ft)	Depth to Ground-water TOC (ft)	Groundwater Elevation MSL (ft)	Date
EB-1	16	6-16	98.16	4.70	93.46	2/12/93
EB-2	16	6-16	97.72	3.96	93.76	2/12/93
EB-3	16	6-16	97.90	4.85	93.05	2/12/93

TOC: Top of casing
MSL: Mean Sea Level

3.5 Well Installation And Construction

Installation

On February 2, 1993, Clear Heart Construction and Drilling of Guerneville drilled three (3) soil borings to a depth of approximately 16 feet with a Failing FA-100 truck-mounted Auger Rig using a 8-inch diameter (O.D.) hollow stem continuous auger. Relatively undisturbed soil samples were collected from each borehole through the 8-inch hollow stem auger. Piezometer well EB-2 was continuously sampled from 4 feet to 13 feet bgs and from 14.5 feet bgs to the final depth of 16 feet; piezometer well EB-3 was sampled from 6.0-7.5 feet bgs, 10.0-11.5 feet bgs, and from 13.0-14.5 feet bgs. Monitoring well EB-1 was sampled from 6.0-7.5 feet bgs and from 11.0-12.5 feet bgs.

During well(s) installation, EBA monitored the breathing zone and field screened soil samples with a Microtip MP-100 photoionization detector (PID). A well log describing the subsurface conditions encountered during drilling and classifying the soil using the Unified Soil Classification System and Munsell Soil Color Charts was recorded by EBA for each well; a copy of the well logs are included in Appendix B.

In accordance with the provisions of Sections 13750 through 13755 of the California Water Code, a copy of each well log will be filed with the California Department of Water Resources.

Construction

At 16 feet bgs, a well was installed in each soil boring through the hollow stem auger. Well construction was identical for each well. The wells are constructed of 2-inch diameter, Schedule 40, blank and slotted (well screen) flush-threaded polyvinyl chloride (PVC) pipe; no glues or solvents were used during construction. Well screen slot size is 0.01 inches and the screened interval is from 6 feet to the final depth of 16 feet. Following well screen insertion, #2/12 sand was poured into the annulus of the respective wells to 1.0 foot above the top of the well screen. A 2.0-foot seal of bentonite pellets was placed above the sand pack followed by a 5% cement-bentonite mixture poured on top of the bentonite seal to approximately 1 foot bgs. A locking cap and lock were placed on the inner well casing, and an 8 inch diameter water tight monitoring well cover and Christy box were cemented at the ground surface. Construction details of the wells are presented in Figure 3.

3.6 Soil Sample Collection And Analysis

Sample Collection

During the installation of each well soil samples were collected with a modified California split tube sampler with internal 2-inch diameter by 6-inch long brass liners. When the boring reached the desired sampling depth, the sampler was lowered to the bottom of the hole and driven 1.5 feet ahead of the auger with a 140-pound, rig operated hammer.

Soil samples submitted for laboratory analysis were sealed with aluminum foil and plastic endcaps, labeled, placed in an ice chest and promptly transported to National Environmental Testing Laboratory Inc. (NET Pacific) for analysis under proper chain-of-custody procedures.

Two (2) soil samples were collected from each well and submitted to the laboratory for chemical analysis. Soil samples were collected from 6.5 - 7.0 feet bgs and from 11.5 - 12.0 from EB-1. Soil samples were collected from 6.0 - 6.5 feet bgs and from 12.5 - 13.0 feet bgs from EB-2. Soil samples were collected from 6.5 - 7.0 feet bgs and from 13.5 - 14.0 feet bgs in EB-3.

Analysis

NET Pacific Inc. of Santa Rosa, a California state-certified laboratory analyzed the soil samples using methods approved by the California Regional Water Quality Control Board (CRWQCB) and the Environmental Protection Agency (EPA). The soil samples were analyzed for TPHG and BETX.

3.7 Equipment Decontamination

Augers and other drilling equipment were steam cleaned prior to drilling in order to minimize the possibility of cross-contamination. The sampling equipment was cleaned prior to collecting each soil sample with a trisodium phosphate solution, a potable water rinse, and deionized water rinse. Equipment and tools were steam cleaned on-site in a plastic lined containment area. Drill cuttings from the soil borings were placed properly labeled DOT 17H 55-gallon drums. Water from equipment decontamination is stored onsite in properly labeled DOT 17H drums. Disposal of drummed soil and water is the client's responsibility. However, at the request of the client, EBA will assist in the disposal of drummed soil and water.

3.8 Development

Tim Ehlert of Country Pump and Well developed each well on February 8, 1993 with a surge block and mechanically operated stainless steel bailer. Approximately 55 gallons of water were purged from EB-1, approximately 50 gallons of water were purged from EB-2, and approximately 55 gallons of water were purged from EB-3 during well development. Country Pump And Well reported that during well development no odor or sheen was visible in the purged groundwater. Each well was estimated to produce approximately 2 gallons per minute. Water collected during well(s) development was placed in properly labeled DOT 17H 55-gallon drums and left on-site.

3.9 Groundwater Sample Collection And Analysis

Sample Collection

On February 12, 1993, EBA collected an initial groundwater sample from monitoring well EB-1 and recorded water level measurements from all three wells. Depth to groundwater from the top of the well casing (TOC) in EB-1, EB-2, and EB-3 was 4.70 feet, 3.96 feet, and 4.85 feet, respectively.

Prior to sampling, EB-1 was checked for the presence of free-floating product with a Keck Model KIR-89 Interface Probe; no free floating product was encountered in the monitoring well. The water level was measured to the nearest 0.01 feet using an electric conductivity water level indicator. Groundwater pH, electrical conductivity, and temperature were monitored during well purging. EB-1 was considered adequately purged when the water quality parameters had stabilized and over three well volumes were purged. EB-1 recovered from purging almost immediately; a groundwater sample was collected at the original water level of 4.70 feet below TOC. A groundwater sampling log recording sampling procedures and measurements is included in Appendix B. Purge water was added to the existing properly labeled DOT 17H 55-gallon drum storing development water from EB-1.

A water sample was collected from EB-1 with a Voss single sample disposable bailer fitted with a bottom-emptying device to minimize water degassing. Properly labeled, laboratory supplied, sterile sample containers were used for sample collection. The water sample was logged on a chain-of-custody form, placed in an ice chest and promptly delivered to NET Pacific Inc., a California state certified laboratory, for chemical analytical testing.

Groundwater Sample Analysis

NET Pacific Inc. of Santa Rosa analyzed the groundwater sample for TPHG and BETX using methods approved by the California Regional Water Quality Control Board (CRWQCB) and the Environmental Protection Agency (EPA).

4 SOIL AND GROUNDWATER SAMPLE ANALYTICAL RESULTS

4.1 Soil Sample Analytical Results

Soil samples collected from EB-1, EB-2, and EB-3 did not contain concentrations of TPHG or BETX above their respective detection limits. Table 3 summarizes the analytical results and indicates the detection limits for each constituent. The complete certified laboratory analytical reports are included in Appendix C.

4.2 Groundwater Sample Analytical Results

The groundwater sample collected from monitoring well EB-1 did not contain concentrations of TPHG or BETX above their respective detection limits. Table 4 summarizes the analytical results and indicates the detection limits for each constituent. The complete certified laboratory analytical reports are included in Appendix C.

See amended
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 (in file) BAK

TABLE 3. SOIL BORING SOIL SAMPLES: FEBRUARY 2, 1993

Sample ID	Location	Depth (feet)	TPHG mg/kg	Benzene $\mu\text{g}/\text{kg}$	Ethyl-benzene $\mu\text{g}/\text{kg}$	Toluene $\mu\text{g}/\text{kg}$	Total Xylenes $\mu\text{g}/\text{kg}$
EB-1	Monitoring Well EB-1	6.5-7.0	ND	ND	ND	ND	ND
EB-1	Monitoring Well EB-1	11.5-12.0	ND	ND	ND	ND	ND
EB-2	Piezometer Well EB-2	6.0-6.5	ND	ND	ND	ND	ND
EB-2	Piezometer Well EB-2	12.5-13.0	ND	ND	ND	ND	ND
EB-3	Piezometer Well EB-3	6.5-7.0	ND	ND	ND	ND	ND
EB-3	Piezometer Well EB-3	13.5-14.0	ND	ND	ND	ND	ND
REPORTING LIMITS			1	2.5	2.5	2.5	2.5

ND: Not detected above reporting limit

TABLE 4. GROUNDWATER SAMPLE ANALYTICAL RESULTS: FEBRUARY 12, 1993

Sample ID	Water Level From (TOC)	TPHG mg/L	Benzene $\mu\text{g}/\text{L}$	Ethyl-benzene $\mu\text{g}/\text{L}$	Toluene $\mu\text{g}/\text{L}$	Total Xylenes $\mu\text{g}/\text{L}$
	4.70	ND	ND	ND	ND	ND
MW-1	8.67	0.16	ND	0.7	4.3	16
REPORTING LIMITS		0.05	0.5	0.5	0.5	0.5

ND: Not detected above reporting limits
 TOC: Top of well casing

5 CONCLUSIONS

Site Hydrogeologic Conditions

The stratigraphy in the vicinity of the former UST consists of sandy silty clay from approximately 2 feet bgs to the final depth of the wells at 16 feet bgs. Shallow groundwater was first encountered from 10 - 13.5 feet bgs in what are likely thin sand lenses interbedded in the clay. The small amount of water encountered at approximately 7-8 feet bgs indicates the extent of the capillary fringe. Groundwater equilibrated at approximately 4.5 feet below TOC after the wells were developed. This indicates that the shallow aquifer is confined by the clay layer above it.

The anticipated groundwater flow direction was southeast towards Foss Creek. Groundwater flow direction, calculated from water level measurements recorded on February 12, 1993, was S12°W. During seasonally high groundwater levels, Foss Creek may recharge the shallow aquifer. As the water table elevation subsides, the flow direction may shift to the southeast.

Soil Chemistry

Soil samples collected from EB-1, EB-2, and EB-3 did not contain concentrations of TPHG or BETX above their respective detection limits. This indicates that the well locations are not in zones of petroleum hydrocarbon contaminated soil.

Groundwater Chemistry

The groundwater sample collected from monitoring well EB-1 did not contain concentrations of TPHG or BETX above their respective detection limits. Although EB-1 is within 10 feet of the former UST, EB-1 was not downgradient from the former UST during the February 12, 1993 sampling event. As a result of the groundwater flow direction at time of this sampling event, the groundwater sample collected from EB-1 may not adequately indicate the water quality in the vicinity of the former UST.

6 RECOMMENDATIONS

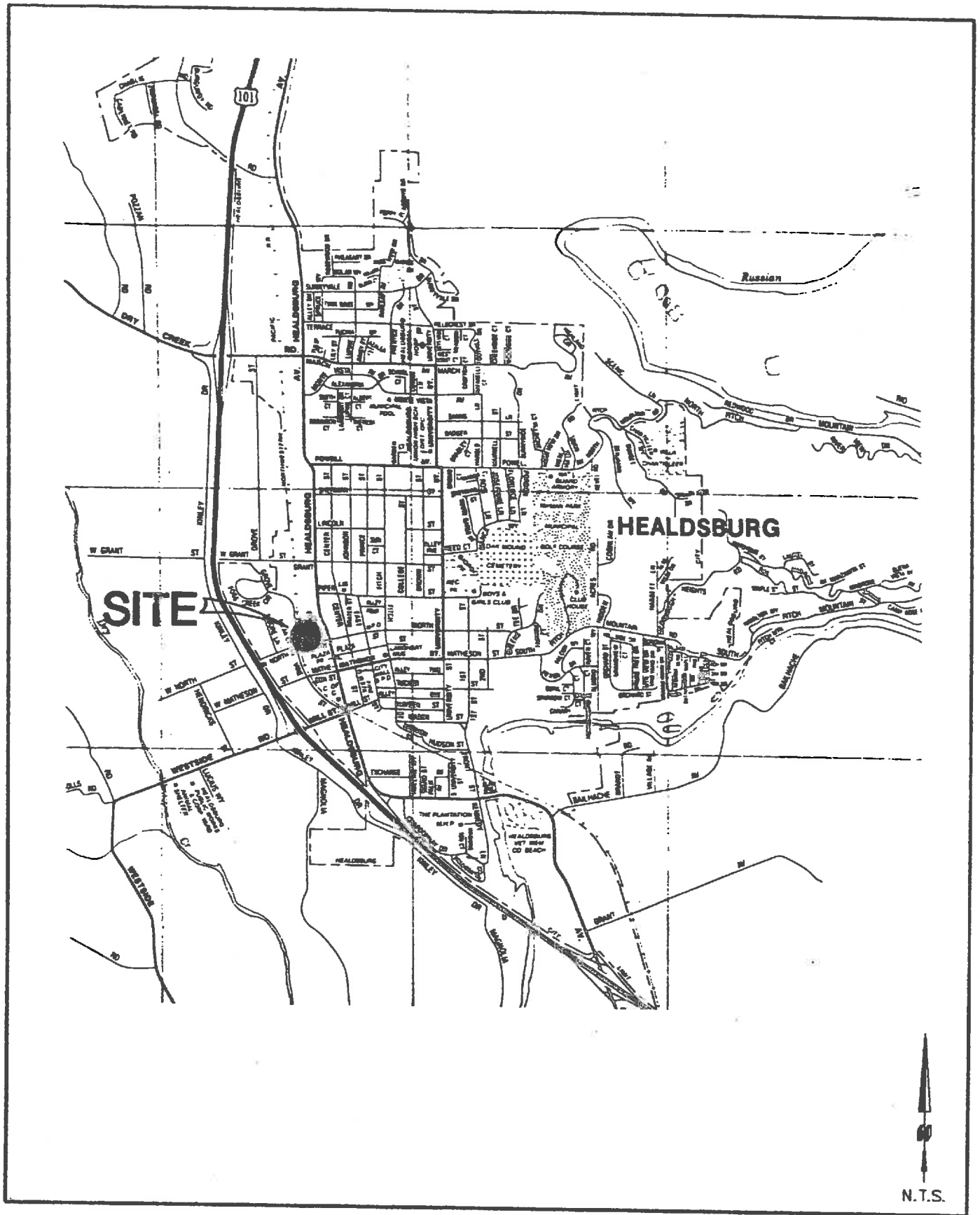
EBA recommends the collection of a groundwater sample from monitoring well EB-1, and the collection of water level measurements from all three wells, on a quarterly basis for one (1) hydrologic cycle. Quarterly reports indicating the analytical results and the calculated groundwater flow direction and gradient should be submitted to the NCRWQCB.

7 LIMITATIONS

The conclusions presented in this report are professional opinions based on the data presented in this report. They are intended only for the indicated purpose and project site. Conclusions and recommendations presented herein apply to site conditions existing at the time of our study. Changes in the conditions of the subject property can occur with time because of natural processes or the works of man on the project site or on adjacent properties. Changes in applicable standards can also occur as the result of legislation or from the broadening of knowledge. Accordingly the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

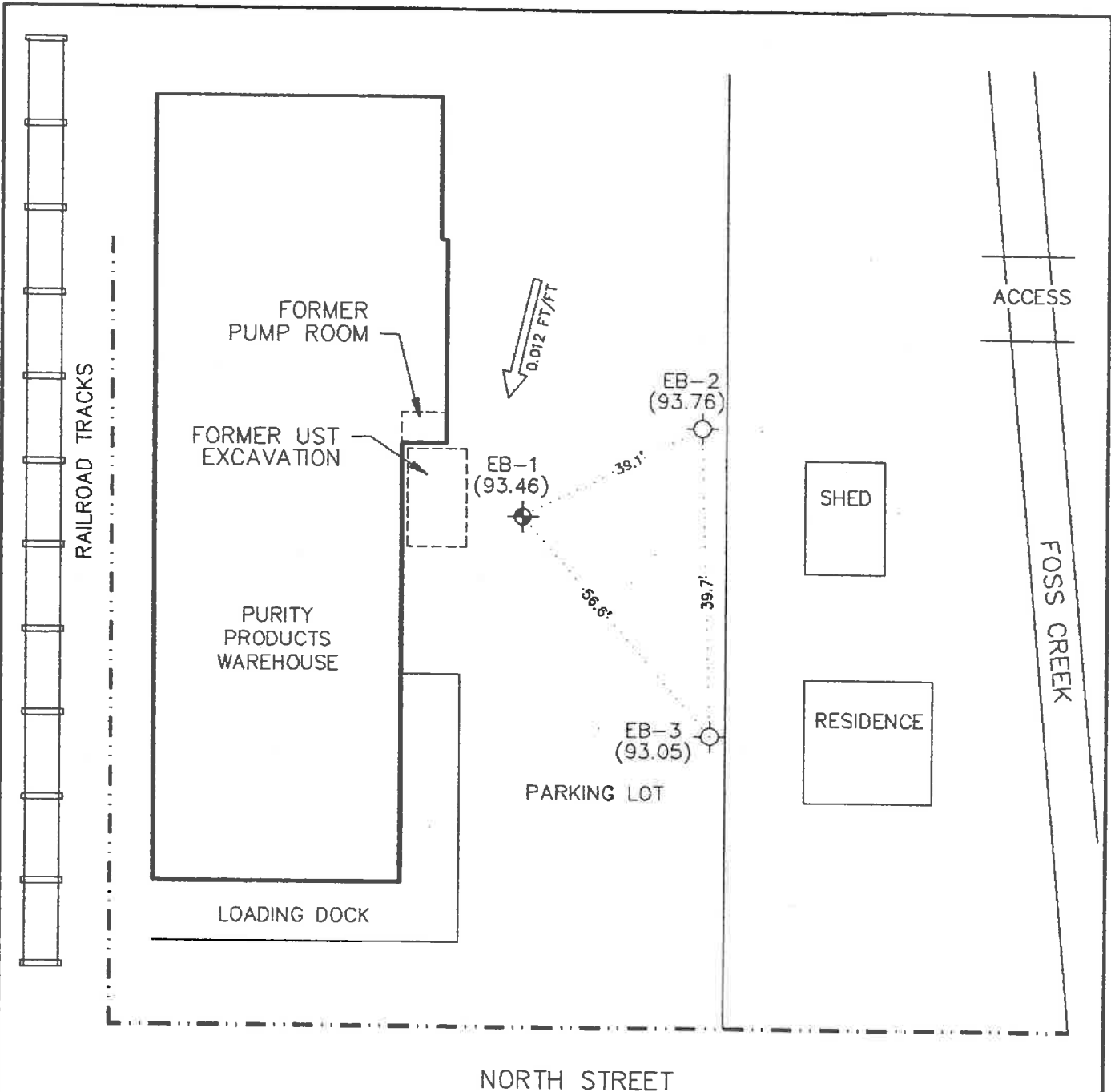
APPENDIX A

FIGURES






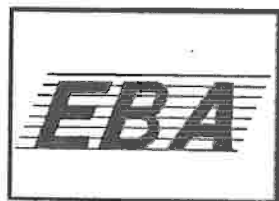
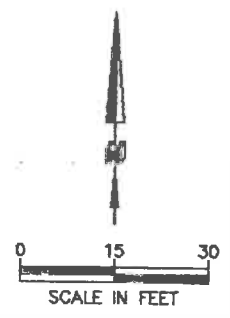
3 NORTH STREET
 HEALDSBURG, CALIFORNIA
VICINITY MAP

FIGURE
1
 MARCH 1993
 3881310 DWS



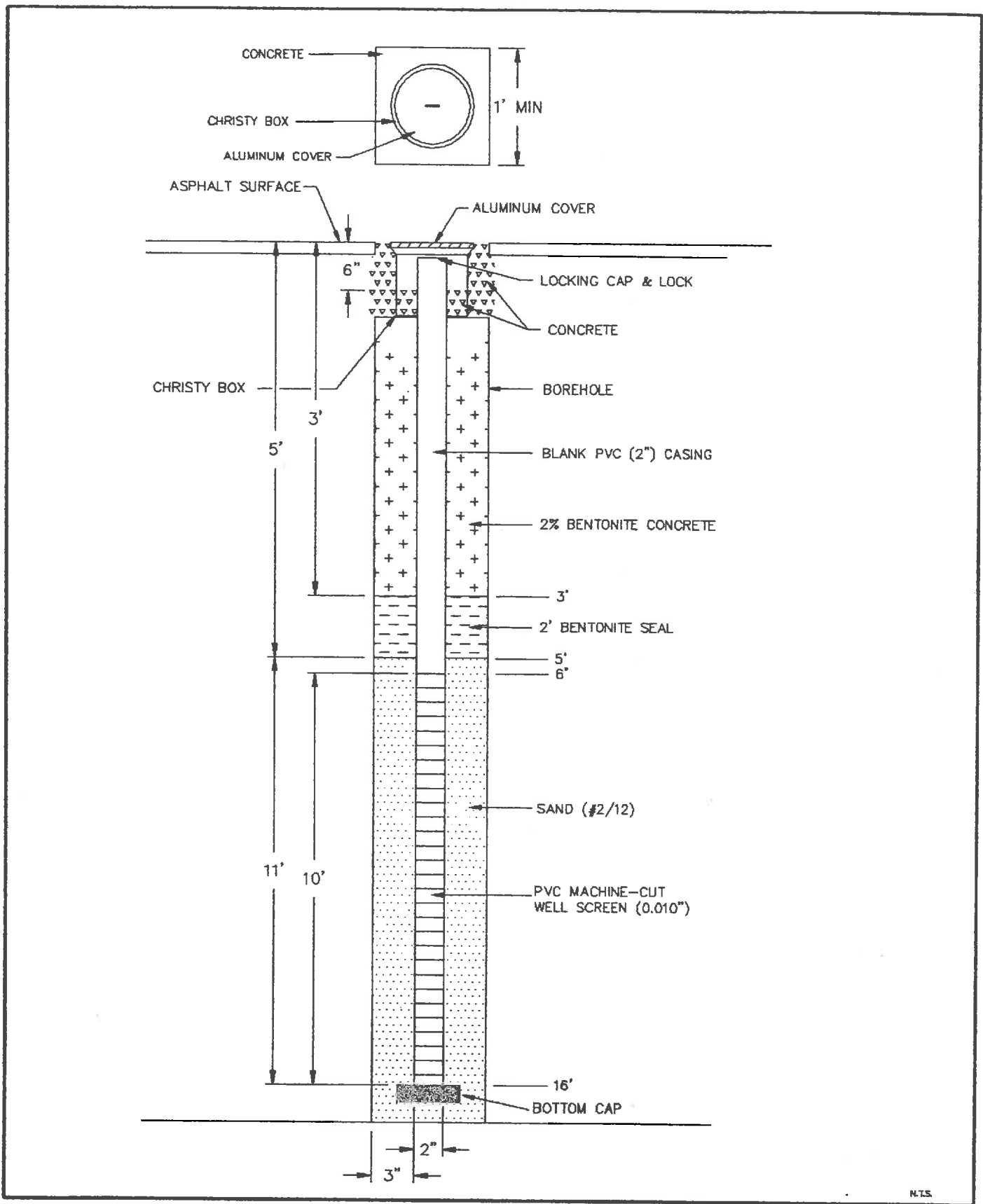
LEGEND

-  MONITORING WELL LOCATION
-  PIEZOMETER WELL LOCATION
- (93.05) GROUNDWATER ELEVATION (2/12/93)
-  GROUNDWATER FLOW DIRECTION AND GRADIENT (2/12/93)



3 NORTH STREET
HEALDSBURG, CALIFORNIA
SITE MAP

FIGURE
2
MARCH 1993
388TIFIG.DWG



3 NORTH STREET
 HEALDSBURG, CALIFORNIA
WELL
 (TYPICAL CONSTRUCTION DETAIL)

FIGURE
3
 MARCH 1993
 388T1FIG.DWG

APPENDIX B

WELL LOGS AND GROUNDWATER SAMPLE LOGS



LOG OF EXPLORATORY BORING

PROJECT: 3 NORTH STREET
HEALDSBURG, CALIF.

SHEET 1 OF 1

BORING: EB-1

JOB NUMBER: 92-388

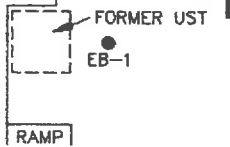
DATE: 2/02/93

FIELD LOCATION OF BORING:

N ↑

- BENTONITE
- CEMENT-BENTONITE GROUT
- SAND
- CONCRETE

PURITY PRODUCTS WAREHOUSE



LOGGED BY: J. CALOMIRIS DRILLER: CLEAR HEART CONST.

WELL CASING ELEVATION:

EQUIPMENT AND SPECIFICATIONS: 2" PVC WELL CASING
 FAILING FA-100 DRILL RIG 0.01" PVC SLOTTED SCREEN
 4.25" ID HOLLOW STEM AUGER SCREEN INTERVAL: 6'-16"
 18" CAL SPLIT SPOON SAMPLER TD: 16'

RECOVERY	SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	BLOWS/6 in.	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	DESCRIPTION	CASING CONSTRUCTION
										1		GM	ASPHALT	Christy Box Locking Well Cap 3/8" BENT. PELLETS BLANK PVC #2/12 SAND 0.01 PVC SLOTTED SCREEN
										2		CL	GRAVEL-SAND-SILT MIXTURE (GM), DARK BROWN, (10YR,2/3), DAMP-SLIGHTLY MOIST	
										3		CL	SILTY-SANDY-CLAY (CL), VERY DARK GRAYISH BROWN (10YR,3/2), MOIST, 10-20% NONPLASTIC FINES, 10-20% FINE SAND, 60-80% CLAY	
										4				
										5				
18/18	G	18" SAMPLER		1		✓	▽			6		CL	SANDY-SILTY-CLAY (CL), VERY DARK GRAYISH BROWN (10YR, 4/2), MEDIUM STIFF, MOIST-VERY MOIST, 10-20% NONPLASTIC FINES, 10-20% FINE-COARSE SAND, THIN SAND LENSES AT 7.0-7.5 FT, SMALL AMOUNT OF FREE WATER IN LENSES	
				2						7				
				4						8				
										9				
										10				
										11			FIRST WATER: ESTIMATED AT 10.0-10.5 FT	
18/18	G	18" SAMPLER		2		✓				12		CL	SANDY CLAY (CL), GRAY (10YR,5/1), ORANGE MOTTLING, BLACK MOTTLING, MEDIUM STIFF, MOIST, 15-25% FINE SAND	
				3						13				
				6						14				
										15				
										16			TD: 16 FT	
										17				
										18				
										19				
										20				
										21				
										22				
										23				
										24				



LOG OF EXPLORATORY BORING

PROJECT: 3 NORTH STREET
HEALDSBURG, CALIF.

SHEET 1 OF 1
BORING: EB-2
DATE: 2/02/93

FIELD LOCATION OF BORING: EB-2

LOGGED BY: J. CALOMIRIS DRILLER: CLEAR HEART CONST.



WELL CASING ELEVATION:
EQUIPMENT AND SPECIFICATIONS: 2" PVC WELL CASING
FAILING FA-100 DRILL RIG 0.01' PVC SLOTTED SCREEN
4.25" ID HOLLOW STEM AUGER SCREEN INTERVAL: 6'-16'
18" CAL SPLIT SPOON SAMPLER TD: 16'

RECOVERY	SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	BLOWS/6 in.	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	DESCRIPTION	CASING CONSTRUCTION
										1		GM	ASPHALT	3/8" BENT. PELLETS BLANK PVC #2/12 SAND 0.01 PVC SLOTTED SCREEN
										BAG 0.1		CL	GRAVEL-SAND-SILT MIXTURE (GM), DARK BROWN (10YR,2/3), DAMP-SLIGHTLY MOIST	
										2		CL	SILTY CLAY (CL), DARK GRAYISH BROWN (10YR,4/2), MOIST	
										3		CL	SILTY CLAY (CL), SAME AS ABOVE, VERY MOIST	
				1						4		CL	SILTY CLAY (CL), DARK GRAYISH BROWN (10YR,4/2), SOFT, MOIST, 10-20% NONPLASTIC FINES	
18/18	G	18" SAMPLER		1						BAG 0.2		CL	SAME AS ABOVE, MEDIUM STIFF	
18/18				3		✓				BAG 0.2		CL	SANDY-SILTY-CLAY (CL), DARK GRAYISH BROWN (10YR,4/2), BROWN MOTTLING, ORANGE MOTTLING, STIFF, MOIST-WET, 15-25% FINE SAND, SMALL AMOUNT OF FREE WATER IN THIN SAND LENSES	
18/18				5						BAG 1.8		CL	SAME AS ABOVE	
18/18				7						BAG 1.2		CL	SAME AS ABOVE, MOIST, NO FREE WATER IN SAND LENSES	
18/18				5						BAG 0.3		CL	SANDY-SILTY-CLAY (CL), GRAY (10YR,5/1), ORANGE MOTTLING, STIFF, MOIST, 15-25% FINE SAND	
18/18	G	18" SAMPLER		3		✓				BAG 0.7		CL	DRILLER REPORTS WATER BETWEEN 13-14 FT, PRINCIPAL FIRST WATER	
18/18				4						13		CL-CH	CLAY (CL-CH), DARK GRAY (2.5Y,N4/), ORANGE MOTTLING, VERY STIFF, SLIGHTLY MOIST-MOIST, ORGANICS CONSISTING OF ROOT HAIRS AND DECOMPOSED WOOD FILAMENTS. TD: 16 FT.	
18/18				6						14				
18/18				7						15				
18/18				13						16				
										17				
										18				
										19				
										20				
										21				
										22				
										23				
										24				

the 1990s, the number of people in the UK who are aged 65 and over has increased from 10.5 million to 13.5 million, and the number of people aged 75 and over has increased from 4.5 million to 6.5 million (Office for National Statistics 2000).

There is a growing awareness of the need to address the needs of older people in the UK. The Department of Health (2000) has published a strategy for older people, which sets out a vision for the future of health care for older people. The strategy is based on the following principles:

- Older people should be able to live independently and actively in their own homes.
- Older people should be able to access the services they need to live well.
- Older people should be able to participate in decisions about their care.
- Older people should be able to live in a safe and secure environment.

The strategy also sets out a number of key objectives for the future of health care for older people. These include:

- To reduce the number of older people who are dependent on others for their care.
- To improve the quality of care for older people.
- To ensure that older people have access to the services they need to live well.
- To ensure that older people are able to participate in decisions about their care.

The strategy is a key document for the future of health care for older people in the UK. It sets out a clear vision for the future and provides a framework for the development of policies and services for older people.

The strategy is based on the following principles:

- Older people should be able to live independently and actively in their own homes.
- Older people should be able to access the services they need to live well.
- Older people should be able to participate in decisions about their care.
- Older people should be able to live in a safe and secure environment.

The strategy also sets out a number of key objectives for the future of health care for older people. These include:

- To reduce the number of older people who are dependent on others for their care.
- To improve the quality of care for older people.
- To ensure that older people have access to the services they need to live well.
- To ensure that older people are able to participate in decisions about their care.

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**PHASE II SUBSURFACE INVESTIGATION
REPORT**

3 NORTH STREET

HEALDSBURG, CALIFORNIA

JANUARY 23, 1995

EBA Project Number 92-388

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TABLE OF CONTENTS

SECTION	PAGE
I.0 INTRODUCTION	1
1.1 Scope of Work	1
1.2 Site Location and Description	1
1.3 Site History	2
2.0 1994 PHASE II SUBSURFACE INVESTIGATION	4
2.1 Soil Boring Survey, Soil and Groundwater Sample Collection	4
2.2 Well Construction	5
2.3 Well Development	5
2.4 Well Survey	5
2.5 Groundwater Sample Collection	5
2.6 Groundwater and Soil Sample Chemical Analysis	6
3.0 FINDINGS	7
3.1 Regional Hydrogeologic Setting	7
3.2 Site Hydrogeology	7
3.3 Groundwater Flow Direction	7
3.4 Soil Sample Analytical Results	7
3.5 Grab Groundwater Sample Analytical Results	8
3.6 Groundwater Sample Analytical Results	8
4.0 CONCLUSIONS	9
4.1 Soil Contamination	9
4.2 Groundwater Contamination	9
5.0 RECOMMENDATIONS	10
6.0 LIMITATIONS	11
APPENDIX A - Figures	
APPENDIX B - Tables	
APPENDIX C - Boring Logs and Groundwater Sample logs	
APPENDIX D - Laboratory Analytical Reports	

1.0 INTRODUCTION

The North Coast Regional Water Quality Control Board (NCRWQCB) requested that a Phase II Subsurface Investigation be conducted at 3 North Street in Healdsburg, California (figure 1, Appendix A). The NCRWQCB indicated that soil samples collected from west and north sidewalls of the former UST excavation contained significant concentration of total petroleum hydrocarbons as gasoline (TPHG). In response to this request, EBA WASTECHNOLOGIES (EBA) was retained to conduct an investigation to (1) determine the vertical and lateral extent to impact to soil in the vicinity of the former UST and to (2) determine if groundwater has been impacted by the former UST. The Site Map, Figure 2, Appendix A indicates the area of investigation.

1.1 Scope of Work

The investigation described in this report was undertaken to determine the lateral and vertical extent of petroleum hydrocarbon contaminated soil in the vicinity of the former underground storage tank (UST) and to determine if the residual soil contamination has adversely impacted groundwater. The scope of work included the drilling of a total of six (6) exploratory soil borings north and west of the former UST and the installation and sampling of one (1) monitoring well (EB-4). It also consisted of the collection of soil and groundwater samples and the evaluation of field and laboratory data. In addition to the original scope of work, an effort was made to define the extent of petroleum hydrocarbon impact to groundwater once it became evident, based on field observations, that groundwater had been impacted.

Soil and groundwater samples were delivered to National Environmental Testing Pacific, Inc. (NET) of Santa Rosa, California, a California state-certified laboratory, where they were analyzed in compliance with NCRWQCB standards. A detailed description of the scope of work for this Phase II Subsurface Investigation is presented in EBA's January 1994 Work Plan as approved by the NCRWQCB.

1.2 Site Location and Description

The site is located near downtown Healdsburg at 3 North Street (Vicinity Map, Figure 1). Land use in the vicinity is predominantly commercial. The western portion of the site is currently operated by Purity Chemical Products Company as a warehouse for the storage of agricultural products, including fertilizers, pesticides, and herbicides. The former 500-gallon UST was located adjacent to the east warehouse wall (Site Map, Figure 2). A house and storage shed occupy the eastern portion of the property. The site is relatively flat and the elevation is approximately 100 feet above sea level. Foss Creek, a perennial tributary of Dry Creek, borders the property on the east; the west side of the property is bounded by railroad tracks and an open field. There are commercial properties adjacent to the northern property line of the site and North Street is adjacent to the southern property line. From 1916 to the mid 1960s, a Shell bulk oil distribution plant was in operation immediately north of the site.

1.3 Site History

The former 500-gallon UST stored gasoline and was used to support warehouse operations. The installation date of the tank is unknown. In 1986, the tank was closed in-place by MPH under the supervision of the Healdsburg Fire Department. One soil sample was collected from a soil boring below the tank invert near the fill end. The soil sample was analyzed for volatile petroleum hydrocarbons by Multi-Tech Laboratory; volatile petroleum hydrocarbons were not detected above reportable detection limits.

In April, 1990, Baseline Environmental Consulting (BEC) conducted a site assessment at the project site to identify potential sources of contamination, including pesticide and herbicide spillage within the warehouse and in the vicinity of the warehouse, and petroleum hydrocarbon contamination in the vicinity of the UST, and adjacent to the north property line in association with the former Shell bulk oil facility. Analytical results from soil samples collected in the aforementioned areas did not contain concentrations of the analyzed chemical constituents above their respective reporting limits. BEC recommended that the UST be removed in accordance with state and local regulations.

On June 22, 1990, MPH removed the cement filled 500-gallon former UST. Following tank removal, MPH collected soil sample PC-G1 from the northwestern corner of the excavation and soil sample PC-G2 from below the tank invert. NET Pacific Laboratories of Santa Rosa analyzed the soil samples for total petroleum hydrocarbons as gasoline (TPHG) and benzene, ethylbenzene, toluene, and total xylenes (BETX). The analytical results indicated that soil sample PC-G1 contained concentrations of 15 mg/Kg TPHG and soil sample PC-G2 contained concentrations of 2,500 mg/Kg TPHG. On the basis of the analytical results, an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report was filed by MPH with the HFD and the NCRWQCB.

On July 9, 1990, BEC directed additional excavation of the soil in the vicinity of the former UST. Excavation was restricted to the south and east walls of the existing excavation because of the warehouse foundation walls to the north and west. Approximately 90 cubic yards of soil were removed from the excavation and stockpiled on-site north of the excavation. During soil removal, groundwater slowly entered the excavation at a depth of approximately 8 feet. The final dimensions of the excavation were 19 feet north and south by 12 feet east and west, by 8 - 8.5 feet deep.

Soil samples 107-W1, 107-N1, 107-E1, and 107-S1 were collected from the west, north, east and south walls of the excavation, respectively, at a depth of 7 feet. NET Pacific Laboratories of Santa Rosa analyzed the soil samples for TPHG and BETX. Soil samples 107-W1 and 107-N1 were also analyzed for organic lead. Analytical results indicated that soil samples 107-E1 and 107-S1 collected from the east and south sidewalls, respectively, did not contain concentrations of TPHG and BETX above the reporting limits. Soil sample 107-N1 collected from the north wall contained concentrations of 120 mg/Kg TPHG, 710 μ g/Kg ethylbenzene, and 1,100 μ g/Kg total xylenes. Benzene, toluene, and organic lead were not detected above the reporting limits.

Soil sample 107-W1 collected from the west wall contained concentrations of 3,300 mg/Kg TPHG, 1,500 µg/Kg benzene, 51,000 µg/Kg ethylbenzene, 40,000 µg/Kg toluene, 160,000 µg/Kg total xylenes, and 1.4 mg/Kg organic lead.

BEC collected a water sample from the excavation which was analyzed for TPHG and BETX. Analytical results indicated concentrations of 0.10 mg/L TPHG and 2.0 µg/L total xylenes. Benzene, ethylbenzene and toluene were not detected above their respective reporting limits.

BEC characterized the stockpile by analyzing five (5) samples for TPHG and BETX. Analytical results ranged from 2.3 mg/Kg TPHG to 4,400 mg/Kg TPHG.

Based on the analytical results of excavation soil samples, BEC concluded that contaminated soil was removed from the south and east sidewalls of the former UST excavation and that soil contamination remained in the west and north sidewalls of the excavation. MPH backfilled the excavation with clean gravel.

The August, 1990 report on Tank Removal Activities and Work Plan for a Preliminary Groundwater Investigation prepared by BEC provides additional information on the April, 1990 site assessment and UST removal and overexcavation activities.

On February 2, 1993 EBA supervised the installation of one (1) monitoring well and two (2) piezometer wells in the vicinity of the former UST. Groundwater samples were obtained from monitoring well EB-1. The groundwater sample did not contain concentrations of TPHG or BTEX above their respective reporting limits. However, monthly groundwater flow direction calculations have shown that EB-1 is not located downgradient from the former UST, necessitating the installation of an additional well. The well installation activities and sampling data are summarized in EBA's March, 1990 Hydrogeologic Assessment Report.

2.0 1994 PHASE II SUBSURFACE INVESTIGATION

This Phase II Subsurface Investigation consisted of the drilling of six (6) soil borings north and west the former UST excavation, collecting soil and grab groundwater samples and installing and sampling one downgradient groundwater monitoring well (EB-4). Figure 2, Appendix A gives the locations of the soil borings and monitoring well EB-4.

2.1 Soil Boring Survey, Soil and Groundwater Sample Collection

On December 8 and 9, 1994, Soils Exploration Services of Vallejo, California drilled six (6) soil borings at the project site using a truck-mounted Auger Rig using a 8.0-inch-outside-diameter hollow stem continuous auger and 6.0-inch-outside diameter solid flight auger. Relatively undisturbed soil samples were collected through the hollow stem auger with an 18-inch modified California split tube sampler fitted with internal 2-inch diameter by 6-inch-long brass liners. Soil samples were collected at approximately 2.5-foot to 5.0 foot depth intervals. When a boring reached the selected sampling depth, the sampler was lowered to the bottom of the hole and driven 1.5 feet ahead of the auger with a 140-pound, rig operated hammer.

Soil borings B-1, B-2, B-3, B-5 and monitoring well soil boring EB-4 were drilled in the interior of the warehouse. This warehouse is located adjacent to the former UST excavation and is raised approximately 3 feet above the surrounding ground surface. These soil borings were sampled at 2.5 to 5.0 foot intervals to the total depth of approximately 13 to 17.5 feet (ft) below ground surface (bgs). Soil boring B-4 was drilled outside of the warehouse to approximately 5 ft bgs and sampled to 6.5 ft bgs. Groundwater was encountered at approximately 13 ft bgs in the warehouse (10 ft bgs outside). Grab groundwater samples were collected from the soil borings with a disposable bailer. Designated soil samples and a groundwater sample were collected from each soil boring and submitted to NET for chemical analysis.

During the drilling process EBA monitored the breathing zone and field screened soil samples with a Microtip MP-100 photoionization detector (PID) for volatile hydrocarbons. One (1) soil sample from each sampling interval was collected for laboratory analysis, capped, labeled, logged on a chain-of-custody form, and placed in an ice chest for transport to a state-certified laboratory. A boring log of the subsurface conditions encountered during drilling, classifying the soil using the Unified Soil Classification System and Munsell Soil Color Charts, was recorded for each soil boring.

During this investigation, the auger and other tools were steam cleaned before drilling each boring to minimize the possibility of cross-contamination. The sampling equipment was cleaned prior to collecting each soil sample with a trisodium phosphate solution, a potable water rinse, and deionized water rinse. Equipment and tools were steam cleaned on-site in a plastic lined containment area. Drill cuttings from soil borings and decontamination water from equipment cleanup were placed in DOT 17H 55-gallon drums and stored on-site pending laboratory analytical results. Waste disposal, if it is necessary, will be the responsibility of the Client; however EBA will be available to assist in coordinating these activities.

2.2 Well Construction

Monitoring well soil boring EB-4 was drilled in the interior of the warehouse to a total depth of 17.5 ft bgs. At this depth, a well was installed in the soil boring through the hollow stem auger. The well is constructed of 2-inch diameter, Schedule 40, blank and slotted (well screen) flush-threaded polyvinyl chloride (PVC) pipe; no glues or solvents were used during construction. Well screen slot size is 0.01 inches and the screened interval is from 7.5 ft bgs to 17.5 ft bgs. Following well screen insertion, #2/12 sand was poured into the annulus of the well to 1.0 foot above the top of the well screen. A 2.0 foot seal of bentonite pellets was placed above the sand pack followed by a 5% cement-bentonite mixture poured on top of the bentonite seal to approximately 1 foot bgs. A locking cap and lock were placed on the inner well casing, and an 8 inch diameter water tight monitoring well cover and Christy box were cemented at the ground surface. Construction details of monitoring well EB-4 are presented in Figure 6, Appendix A.

2.3 Well Development

Monitoring well EB-4 was developed by EBA personnel on December 12, 1994, with a surge block and a PVC bailer. During well development approximately 25 gallons of water were purged from EB-4. Water collected during the well development was placed in properly labeled DOT 17H 55-gallon drums and left on-site.

2.4 Well Survey

Monitoring well EB-4 is located approximately 70 feet southwest of the former UST. Figure 2, Appendix A indicates the location of this well.

Elevation of the top of casing (TOC) of monitoring well EB-4 was surveyed on December 14, 1994, under the supervision of a registered civil engineer to the nearest 0.01 foot with respect to mean sea level (MSL). City of Healdsburg Temporary Point No. 21, located on the southwest corner of the North Street Bridge over Foss creek, chisel X, elevation 99.81 feet MSL, served as the benchmark. The TOC elevation above MSL for EB-4 is 101.55 ft. Survey data and groundwater elevation measurements for all of the groundwater monitoring wells are presented in Table 4, Appendix B.

2.5 Groundwater Sample Collection

On December 14, 1994, EBA collected an initial groundwater sample and recorded a water level measurement from monitoring well EB-4. Groundwater measurement depths were collected from all four on-site monitoring wells. Depths to groundwater from the top of the well casing (TOC) in EB-1, EB-2, EB-3 and EB-4 were 5.68, 3.23, 4.89 and 9.97 ft bgs, respectively.

Prior to sampling, monitoring wells were checked for the presence of free-floating product with a Keck Model KIR-89 Interface Probe; no free floating product was encountered in the wells. The water level was measured to the nearest 0.01 feet using an electric conductivity water level

indicator. Groundwater pH, electrical conductivity, and temperature were monitored during well purging. The well was considered adequately purged when the water quality parameters had stabilized and over three well volumes were purged. A groundwater sampling log recording sampling procedures and measurements is included in Appendix C. Purge water is stored in properly labeled DOT 17H 55-gallon drums.

The water sample was collected from the monitoring well with a Voss single sample disposable bailer fitted with a bottom-emptying device to minimize water degassing. Properly labeled, laboratory supplied, sterile sample containers were used for sample collection. The water sample was logged on a chain-of-custody form, placed in an ice chest and promptly delivered to NET Pacific Inc., a California state certified laboratory, for chemical analytical testing.

2.6 Groundwater and Soil Sample Chemical Analysis

NET Pacific Inc. of Santa Rosa, a California state-certified laboratory, analyzed the soil and groundwater samples collected during the investigation using methods approved by the California Regional Water Quality Control Board (CRWQCB) and the Environmental Protection Agency (EPA). Groundwater and soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHG), benzene, ethylbenzene, toluene, and total xylenes (BETX).

3.0 FINDINGS

3.1 Regional Hydrogeologic Setting

The site is located on the relatively flat topography of the alluvial plain of the Russian River drainage system. The alluvium of this area is Quaternary to Holocene in age and consists of unconsolidated clay, silts, sands, and gravel. The thickness of these sediments beneath the site is unknown, but it is known to be up to 150 feet thick in the Dry Creek Valley. In general, the depth to groundwater in the alluvium is less than 20 feet (California Division of Mines and Geology, Special Report 120).

3.2 Site Hydrogeologic Setting

Subsurface material encountered at the project site inside the warehouse generally consisted of a sandy gravel fill material to approximately 8 to 9 ft bgs. This fill material was underlain by stiff silty clay of estimated very low permeability to the total depth explored in the soil borings. This silty clay zone was consistent with soils encountered during the drilling of EB-1, EB-2 and EB-3 and soil boring B-4. This zone was continuous throughout these soil borings. Soil boring and well logs are included in Appendix C.

Groundwater was encountered during the installation of monitoring well EB-4 at approximately 13 ft bgs. Following well installation, static water level in the monitoring well EB-4 on December 14, 1994 was measured to be 9.97 feet bgs.

3.3 Groundwater Flow Direction

Groundwater flow direction calculated from water level measurements recorded on December 14, 1994 indicates that the groundwater flow direction was approximately S45°W; groundwater gradient was 0.03 ft/ft. This groundwater flow direction was consistent with monthly water level measurements, collected from April, 1993 through November, 1993, confirm that groundwater flow direction is to the southwest.

3.4 Soil Sample Analytical Results

A total of five (5) soil samples, collected during the drilling of soil borings B-1 through B-5, and monitoring well soil boring EB-4 were analyzed by NET laboratories. Soil samples were analyzed for TPHG and BTEX. Concentrations of TPHG and BTEX were not detected above their respective reporting limits in soil samples collected from four of the five soil borings (B-2 - B-4 and EB-4). In soil boring B-1, located approximately 10 feet west of the former UST excavation, TPHG and BTEX were not detected in the soil sample collected at 11.0 ft bgs. In the soil sample collected from soil boring B-1 at 12.5 feet bgs at the groundwater-soil interface, TPHG was detected at 77 ppm; toluene was detected at 390 parts per billion (ppb); ethylbenzene was detected at 680 ppb; total xylenes were detected at 2,000 ppb; benzene was not detected. Soil sample analytical results are presented in Table 1, Appendix B. The complete laboratory reports are included in Appendix D.

3.5 Grab Groundwater Sample Analytical Results

A total of four (4) grab groundwater samples were collected as part of this investigation from soil borings B-1, B-2, B-3 and B-5. Analysis of the grab groundwater samples collected detected TPHG and BTEX in samples collected from soil borings B-1 and B-3. TPHG and BTEX were not detected above their respective reporting limits in groundwater samples collected from soil borings B-2 and B-5. Groundwater samples were given sample ID's using their soil boring collection point and a (W) to denote water. For example, the grab groundwater sample collected from soil boring B-1 was designated BW-1. TPHG was detected in the groundwater sample from soil borings B-1 (BW-1) and B-3 (BW-3) at concentrations of 51 ppm and 1.7 ppm, respectively. In BW-1, benzene was detected at 400 ppb, toluene was detected at 110 ppb, ethylbenzene was detected at 890 and total xylenes were detected at 1,900 ppb. In BW-3, benzene was not detected above its reporting limit, toluene was detected at 5.4 ppb, ethylbenzene was detected at 4.5 and total xylenes were detected at 2.2 ppb.

Grab groundwater sample analytical results are presented in Table 2, Appendix B. The complete laboratory results are included in Appendix D.

3.6 Monitoring Well Groundwater Analytical Results

Analysis of the groundwater sample collected from monitoring well EB-4 on December 14, 1994, did not detect concentrations of TPHG and BTEX above their respective reporting limits. Groundwater analytical results are presented in Table 4, Appendix B. The complete laboratory results are included in Appendix D.

4.0 CONCLUSIONS

4.1 Soil Contamination

Based on information collected during this investigation and previous site investigations the approximate area of soil impacted by petroleum hydrocarbons appears to be adequately defined. The extent of petroleum hydrocarbon impact to soil in the vicinity of the former UST and overexcavation appears to be very limited. As noted above, TPHG was detected in the sidewall samples from the north and west sidewalls at approximately 7 ft bgs collected during the 1992 overexcavation. During this Phase II Subsurface Investigation, petroleum hydrocarbon impacted soil was detected in only soil boring B-1 at 12.5 ft bgs at the soil-groundwater interface. Soil samples collected from soil borings B-2 and B-4 at the soil-groundwater interface north of the excavation limits did not contain detectable concentrations of TPHG. The soil sample collected from soil boring B-3 southeast of the former UST did not contain detectable concentrations of TPHG.

It appears that the majority of the remaining petroleum hydrocarbons are trapped in the impermeable clayey soils that naturally occur in this area. The area of soil impact is adjacent to the warehouse building foundation. The surface area of impact appears to be less than 100 square feet. The total volume of soil impacted by petroleum hydrocarbons appears to be less than 20 cubic yards (CY's). Figure 4, Appendix A indicates the approximate area of soil that has been impacted by petroleum hydrocarbons based on data available from this and previous investigations.

4.2 Groundwater Contamination

Groundwater has been impacted by petroleum hydrocarbons in the vicinity of the former UST. Grab groundwater samples collected from the soil borings B-1 and B-3 drilled downgradient from the former UST contained TPHG at 51 ppm and 1.7 ppm respectively. Grab groundwater samples collected from soil borings B-2 and B-5 and the groundwater sample collected from monitoring well EB-4 did not contain concentrations of TPHG.

Based on the water level measurements collected for the past year and the latest depth to water measurements taken on December 14, 1994 the groundwater flow direction is consistently to the southwest. Monitoring well EB-4 and grab groundwater samples collected from soil boring B-2 and B-5 define the limits of the extent of the petroleum hydrocarbon plume in the downgradient direction from the former UST. Monitoring well EB-1 in the upgradient direction and defines the extent of the plume east of the former UST.

Due to the very low permeability and estimated high absorption capacity of the native soils from surface to groundwater the impact to groundwater appears to be very limited. Very low to low permeability soils are found from surface to the groundwater table at approximately 8 feet bgs. The petroleum hydrocarbons appear to be contained in these low permeability units and are unable to migrate with groundwater a significant distance from the former UST.

Figure 5, Appendix A gives the approximate area of groundwater impacted by petroleum hydrocarbons based on the data available at the time of this investigation.

5.0 RECOMMENDATIONS

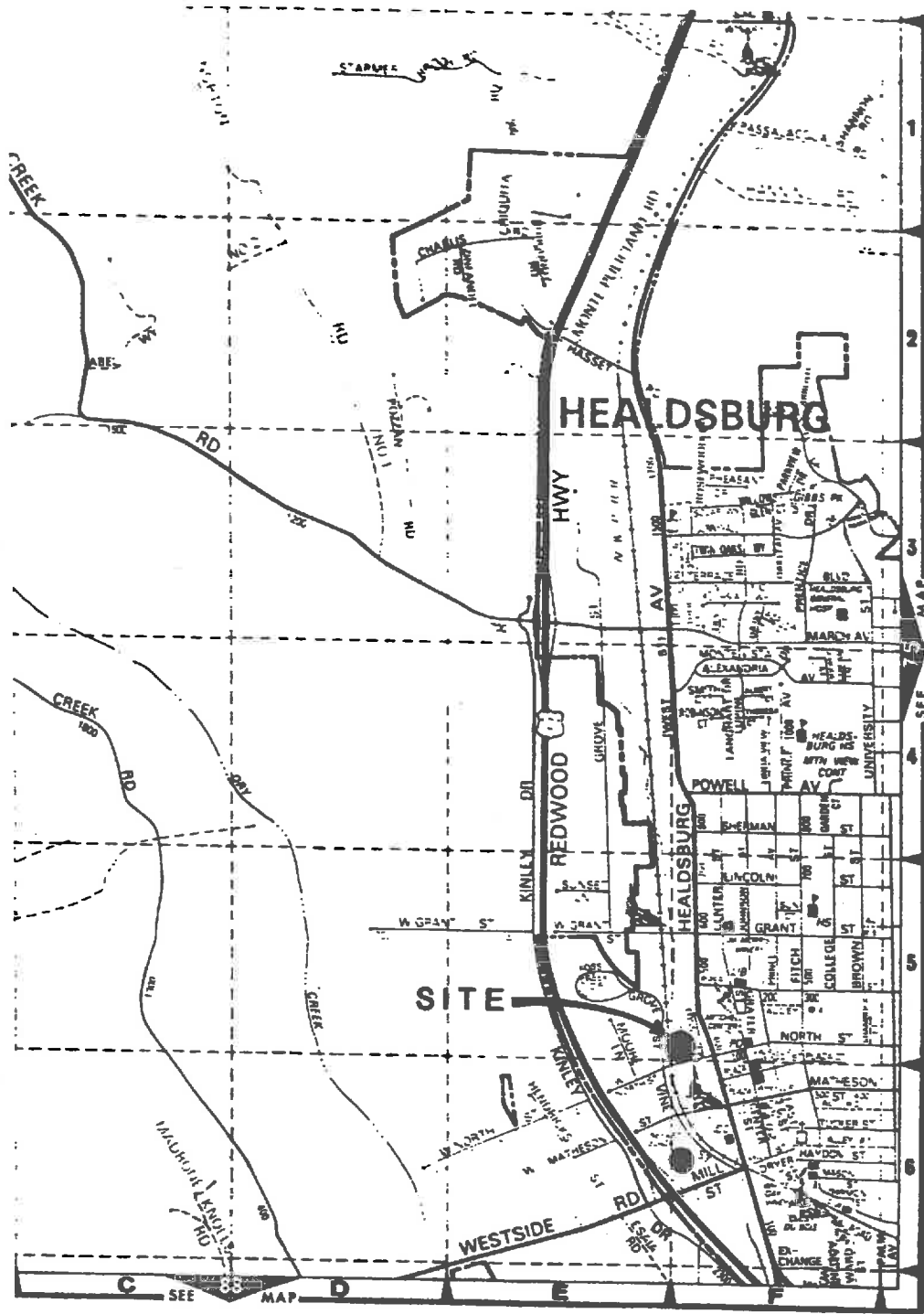
Based on the findings and field observations documented in this report, EBA recommends that monitoring well EB-4 be sampled on a quarterly basis for one (1) hydrologic cycle. Groundwater samples should be analyzed for TPHG and BTEX. Water level measurements should be collected quarterly from all on-site monitoring wells in order to confirm the groundwater flow direction. Quarterly reports comprised of analytical results from the groundwater samples and groundwater flow direction data should be submitted to the NCRWQCB following each sample event.

The extent of petroleum hydrocarbon contaminated soil and the groundwater in the vicinity of the former UST has been adequately defined. Impacted soil is located directly adjacent to the warehouse buildings foundation. Engineering constraints would not allow the removal of this soil. Alternative soil and groundwater remediation methods should be considered.

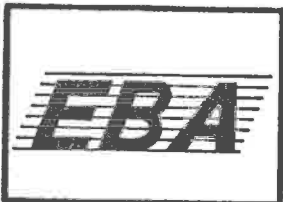
6.0 LIMITATIONS

The conclusions presented in this report are professional opinions based on the data presented in this report. They are intended only for the indicated purpose and project site. Conclusions and recommendations presented herein apply to site conditions existing at the time of our study. Changes in the conditions of the subject property can occur with time because of natural processes or the works of man on the project site or on adjacent properties. Changes in applicable standards can also occur as the result of legislation or from the broadening of knowledge. Accordingly the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

APPENDIX A
FIGURES

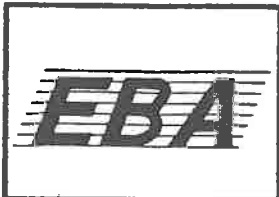
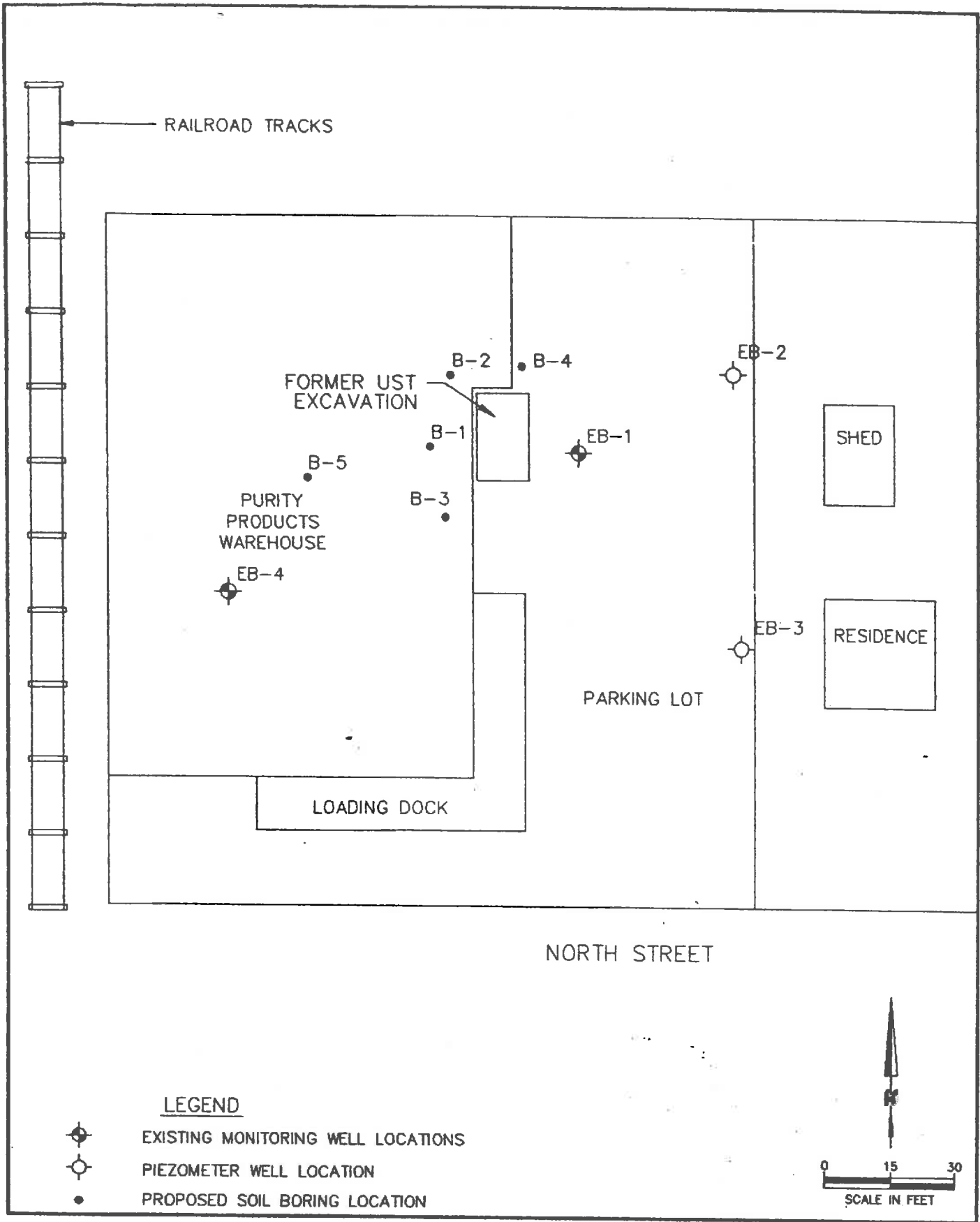


SOURCE: THOMAS BROS. MAP, PAGE 74



3 NORTH STREET
 HEALDSBURG, CALIFORNIA
 VICINITY MAP

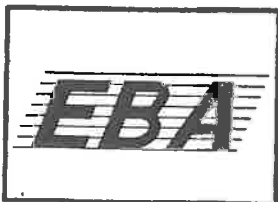
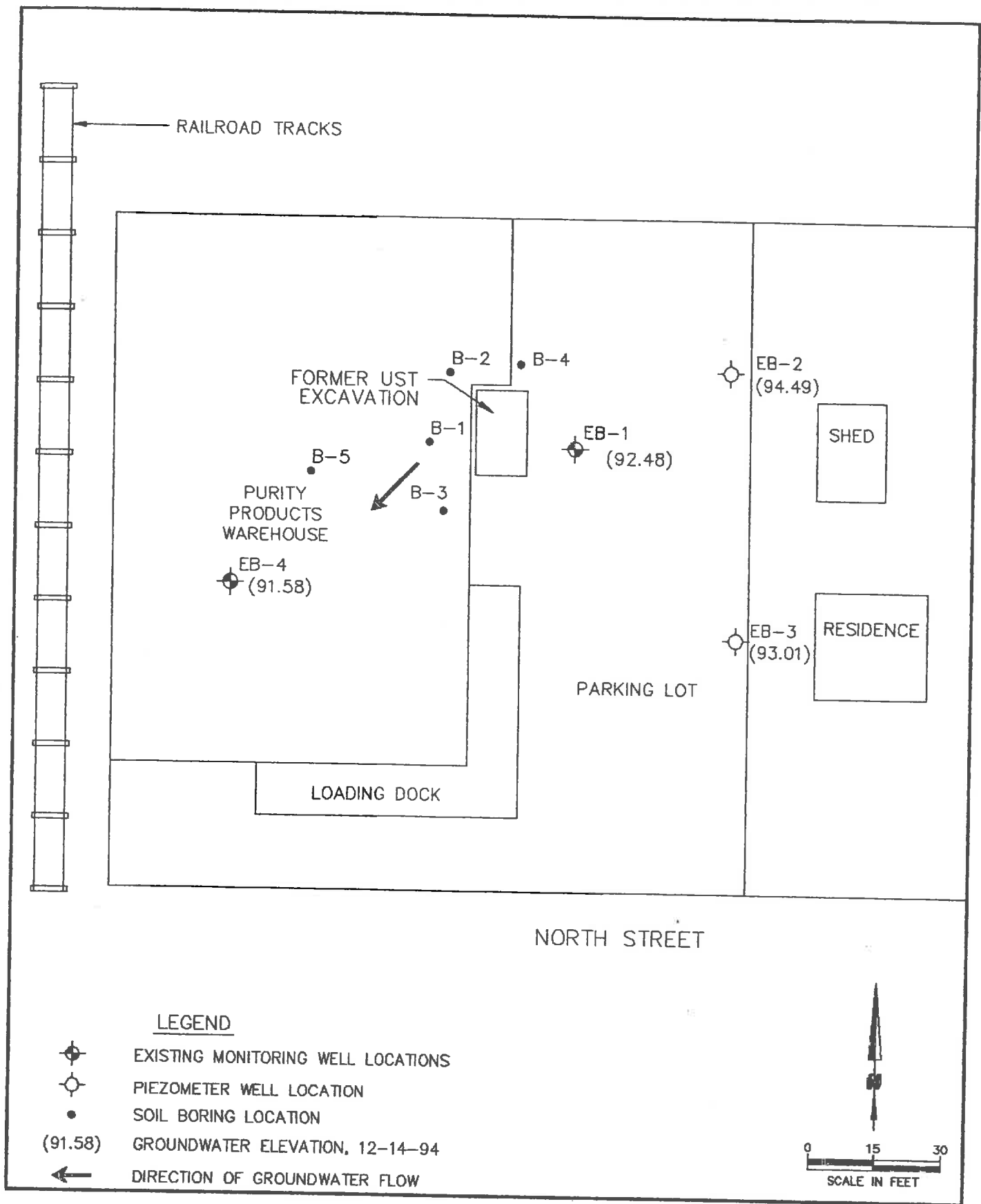
FIGURE
 1
 DECEMBER 1992
 388SHT.DWG



3 NORTH STREET
HEALDSBURG, CALIFORNIA

SITE MAP

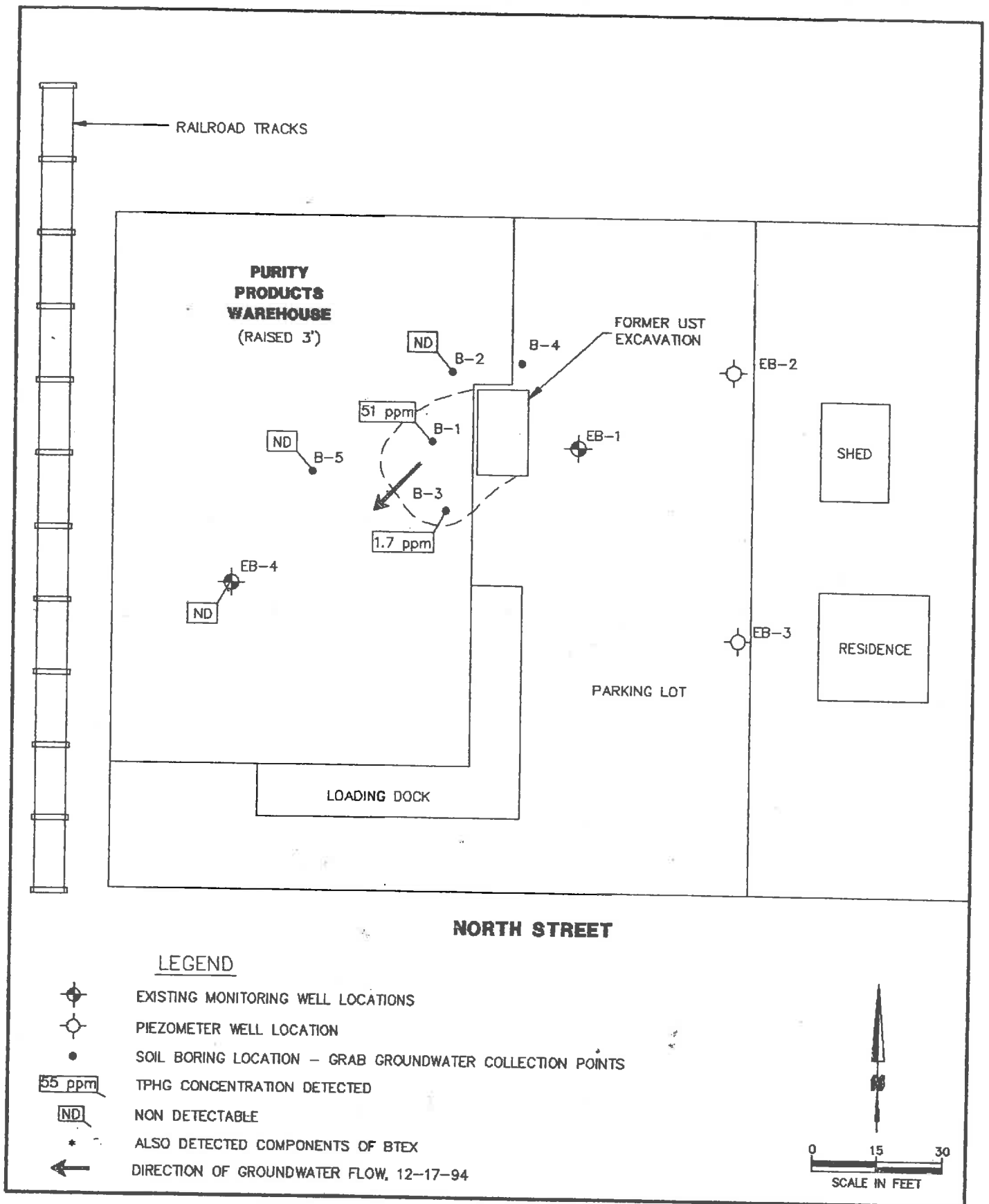
FIGURE
2
DECEMBER, 1994
386FIGS.DWG



3 NORTH STREET
HEALDSBURG, CALIFORNIA

GROUNDWATER FLOW DIRECTION

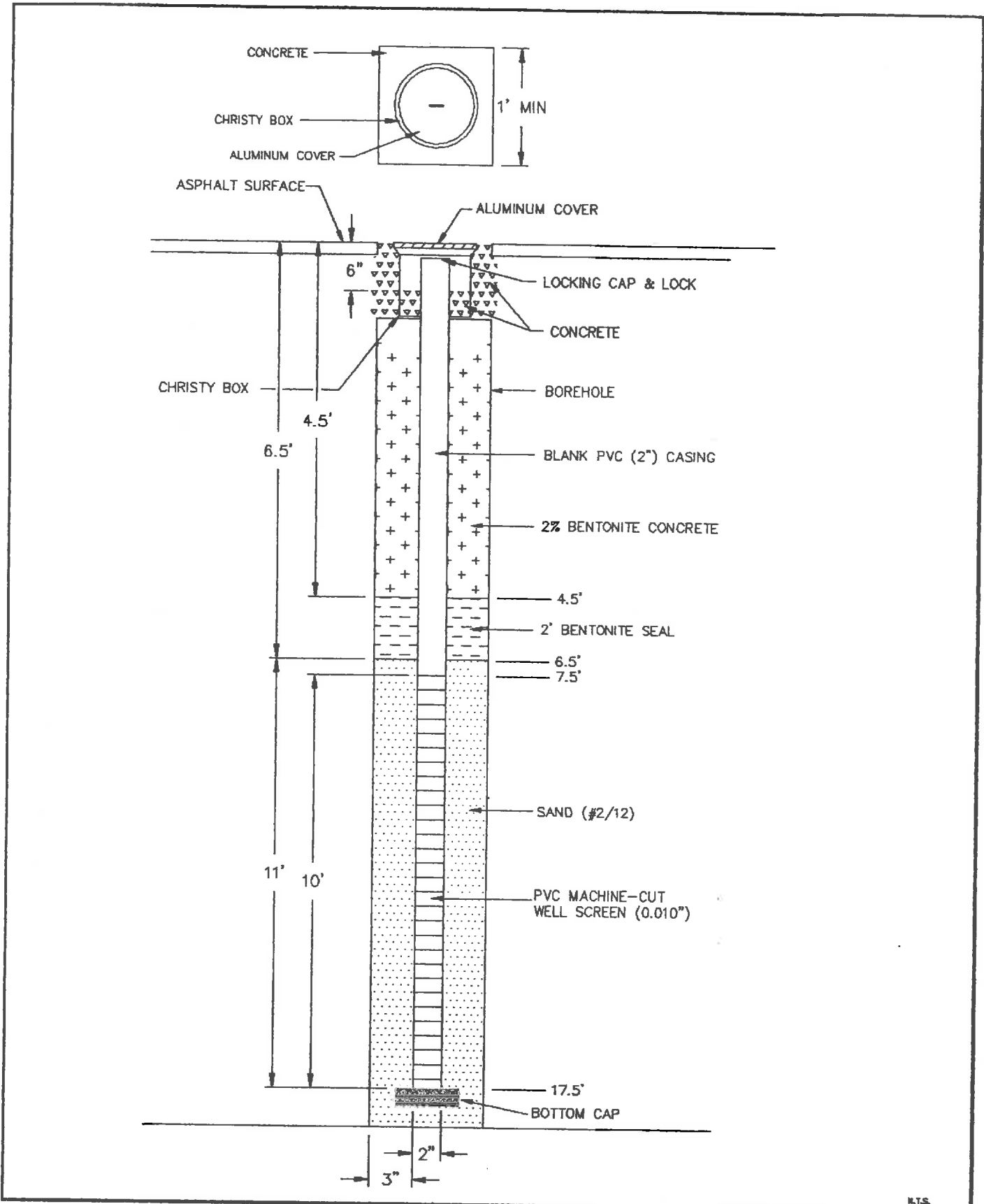
FIGURE
3
DECEMBER, 1994
388FIGS.DWG



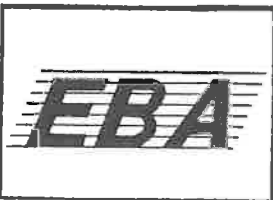
3 NORTH STREET
HEALDSBURG, CALIFORNIA

**APPROXIMATE AREA OF PETROLEUM
HYDROCARBON IMPACTED GROUNDWATER**

FIGURE
5
DECEMBER, 1994
388FIG5.DWG



N.T.S.



3 NORTH STREET
 HEALDSBURG, CALIFORNIA
**MONITORING WELL EB-4
 CONSTRUCTION DETAILS**

FIGURE
6
 JANUARY, 1995
 38871FIG.DWG

APPENDIX B
TABLES

TABLE 1. SOIL SAMPLE ANALYTICAL RESULTS

SAMPLE ID	DATE	TPHG mg/kg	Benzene µg/kg	Toluene µg/kg	Ethyl Benzene µg/kg	Total Xylenes µg/kg
B-1; 11.0	12/8/94	ND	ND	ND	ND	ND
" " 12.5	12/8/94	77	ND	390	680	2000
B-2; 12.0	12/8/94	ND	ND	ND	ND	ND
B-3; 11.0	12/8/94	ND	ND	ND	ND	ND
B-4; 6.0	12/8/94	ND	ND	ND	ND	ND
EB-4; 11.0	12/9/94	ND	ND	ND	ND	ND
REPORTING LIMITS		1	2.5	2.5	2.5	2.5

ND: Not detected above reporting limit

TABLE 2. GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS

SAMPLE ID	DATE	TPHG mg/kg <i>mg/l</i>	Benzene µg/kg <i>µg/l</i>	Toluene µg/kg <i>µg/l</i>	Ethyl Benzene µg/kg	Total Xylenes µg/kg
BW-1	12/8/94	51	400	110	890	1900
BW-2	12/8/94	ND	ND	ND	ND	ND
BW-3	12/8/94	1.7	ND	5.4	4.5	2.2
BW-5	12/9/94	ND	ND	ND	ND	ND
REPORTING LIMITS		1	2.5	2.5	2.5	2.5

ND: Not detected above reporting limit

TABLE 3. GROUNDWATER SAMPLE ANALYTICAL RESULTS

SAMPLE ID	DATE	WATER LEVELS	TPHG mg/kg	Benzene µg/kg	Toluene µg/kg	Ethyl Benzene µg/kg	Total Xylenes µg/kg
EB-4	12/14/94	9.97	ND	ND	ND	ND	ND
REPORTING LIMITS			0.05	0.5	0.5	0.5	0.5

ND: Not detected above reporting limit

TABLE 4. MONITORING WELL SURVEY AND WATER LEVEL DATA

MONITORING WELL ID.	WELL DEPTH (ft.)	SCREEN INTERVAL (ft.)	TOC ELEVATION MSL (ft.)	DEPTH TO GROUND WATER FROM TOC (ft.)	GROUND WATER ELEVATION (from MSL)	DATE
EB-1	16.0	6.0-16.0	98.16	5.68	92.48	December 14, 1994
EB-2	16.0	6.0-16.0	97.72	3.23	94.49	December 14, 1994
EB-3	16.0	6.0-16.0	97.90	4.89	93.01	December 14, 1994
EB-4	17.5	7.5-17.5	101.55	9.97	91.58	December 14, 1994

Well depth at time of installation

TOC: Top of Casing

MSL: Mean Sea Level

APPENDIX C
SOIL BORING AND
GROUNDWATER SAMPLE LOGS



LOG OF EXPLORATORY BORING

PROJECT: 3 NORTH STREET
HEALDSBURG, CALIFORNIA

SHEET 1 OF 1

BORING: B-1

JOB NUMBER: 92-388

DATE: 12-8-94

FIELD LOCATION OF BORING:

WAREHOUSE

B-1

FORMER EXCAVATION



LOGGED BY: ERIC GROSS DRILLER: SES

WELL CASING ELEVATION: N/A

EQUIPMENT AND SPECIFICATIONS:

SOLID FLIGHT AUGER
2" CALIFORNIA SPLIT SPOON SAMPLER
(INSIDE 3' RAISED WAREHOUSE)

RECOVERY	SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	BLOWS/6 in.	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	DEPTH	SAMPLE SAMPLING DEPTH	DRILLING DEPTH	SOIL GROUP USCS	DESCRIPTION	CASING CONSTRUCTION
										1				Concrete	
										2					
										3					
										4			GW		
										5					
X	P								0.0	6				Sandy GRAVEL (GW), Brown, moist, medium dense; <5% fines, 30% medium to coarse Sand, 70% well rounded Gravel to 2". (Fill Material)	
										7					
										8					
										9			CL	Silty CLAY (CL), Dark brown, moist, stiff, 60% Clay, 40% Silt, very low estimated k.	
				4						10					
X	G			7		X				11				" slight gray mottling, Petroleum Hydrocarbon Odor	
X	G			9					200	12				Total Depth = 13'	
				8		X				13					
										14					
										15					
										16					
										17					
										18					
										19					
										20					
										21					
										22					
										23					
										24					



LOG OF EXPLORATORY BORING

PROJECT: 3 NORTH STREET
HEALDSBURG, CALIFORNIA

SHEET 1 OF 1

JOB NUMBER: 92-388

BORING: B-2

DATE: 12-8-94

FIELD LOCATION OF BORING:

B-2
WAREHOUSE

FORMER
EXCAVATION



LOGGED BY: ERIC GROSS DRILLER: SES

WELL CASING ELEVATION: N/A

EQUIPMENT AND SPECIFICATIONS:

SOLID FLIGHT AUGER
2" CALIFORNIA SPLIT SPOON SAMPLER
(INSIDE 3' RAISED WAREHOUSE)

RECOVERY	SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	BLOWS/6 in.	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	DEPTH	SAMPLE DEPTH	DRILLING DEPTH	SOIL GROUP USCS	WATER DEPTH				CASING CONSTRUCTION
														TIME	DATE			
														DESCRIPTION				
														6" Concrete				
										1								
										2								
										3								
										4								
					4					5			GM					
					8					6				Sandy GRAVEL (GM), Brown, moist, <5% fines, 30% medium to coarse Sand, 70% well rounded Gravel to 1.5". (Fill material)				
					10					7								
										8								
										9								
										10								
					4					11			CL	Silty CLAY (CL), Dark brown, moist, stiff, 60% Clay, 40% Silt, very low estimated k.				
					5					12				Total Depth = 11.5'				
					10	X				13								
										14								
										15								
										16								
										17								
										18								
										19								
										20								
										21								
										22								
										23								
										24								



LOG OF EXPLORATORY BORING

PROJECT: 3 NORTH STREET
HEALDSBURG, CALIFORNIA

SHEET 1 OF 1

JOB NUMBER: 92-388

BORING: B-3

DATE: 12-8-94

FIELD LOCATION OF BORING:

WAREHOUSE

B-3

FORMER EXCAVATION

BH-1

LOGGED BY: ERIC GROSS DRILLER: SES

WELL CASING ELEVATION: N/A

EQUIPMENT AND SPECIFICATIONS:

8" O.D. HOLLOW STEM AUGERS
2" CALIFORNIA SPLIT SPOON SAMPLER
(INSIDE 3 FOOT RAISED WAREHOUSE)

RECOVERY	SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	BLOWS/6 in.	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	DEPTH	SAMPLE DEPTH	DRILLING DEPTH	SOIL GROUP USCS	WATER DEPTH	TIME	DATE	DESCRIPTION	CASING CONSTRUCTION
										1							6" Concrete	
				7						2								
				10						3								
X	P			15						4			GW					
									0.0	5							Sandy GRAVEL (GW), Brown, moist, dense, <5% fines, 30% medium to coarse Sand, 70% well rounded Gravel to 2", very high estimated k. (Fill material)	
										6								
										7								
										8								
X	G			4		X				9			CL					
				4					0.0	10							Silty CLAY (CL), Dark brown, moist, stiff, 60% clay, 40% Silt, <5% very fine Sand, very low estimated k.	
				8						11								
										12								
										13								
										14								
										15								
X	G			5						16							very slight mottling, 50% Clay, 30% Silt, <5% very fine Sand, very low estimated k.	
				8					0.0	17							Total Depth = 17'	
				12						18								
										19								
										20								
										21								
										22								
										23								
										24								



LOG OF EXPLORATORY BORING

PROJECT: 3 NORTH STREET
HEALDSBURG, CALIFORNIA

SHEET 1 OF 1
BORING: B-5
DATE: 12-9-94

JOB NUMBER: 92-388

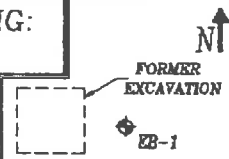
LOGGED BY: ERIC GROSS DRILLER: SES

WELL CASING ELEVATION: N/A

EQUIPMENT AND SPECIFICATIONS:
SOLID FLIGHT AUGER
2" CALIFORNIA SPLIT SPOON SAMPLER
(INSIDE 3 FOOT RAISED WAREHOUSE)

FIELD LOCATION OF BORING:

B-5
WAREHOUSE



RECOVERY	SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	BLOWS/6 in.	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	DEPTH	SAMPLE DEPTH	DRILLING DEPTH	SOIL GROUP USCS	WATER DEPTH	TIME	DATE	DESCRIPTION	CASING CONSTRUCTION
										1							6" Concrete	
										2								
										3								
										4								
										5			GW					
									0.0	6							Sandy GRAVEL (GW), Brown, moist, medium dense, <10% fines, 30% very fine to coarse Sand, 60% well rounded Gravel to 2", moderate to high estimated k. (Fill material)	
										7								
										8								
										9								
										10			CL					
										11								
									0.0	12							Silty CLAY (CL), Dark brown, moist, very stiff, 60% Clay, 40% Silt, very low estimated k.	
				5						13								
				10						14							Total Depth = 14'	
				15						15								
										16								
										17								
										18								
										19								
										20								
										21								
										22								
										23								
										24								



Purity Products
3 North Street
Healdsburg

NOV 07 1995

<input type="checkbox"/>	BK	_____	
<input type="checkbox"/>	CJ	_____	X
<input type="checkbox"/>	FR	_____	
<input type="checkbox"/>	RT	_____	
<input type="checkbox"/>	SW	_____	
<input type="checkbox"/>	_____	_____	
<input type="checkbox"/>	_____	_____	

R10

October 16, 1995

Mr. Jerry Christian
Purity Products Co.
4 Maxwell Court
Santa Rosa, California 95401

**SUBJECT: Quarterly Monitoring Well Sampling Event
3 North Street
Healdsburg, California
EBA Project No. 92-388**

Dear Mr. Christian:

On September 22, 1995 EBA WASTECHNOLOGIES (EBA) collected a groundwater sample from monitoring well EB-4 located at 3 North Street in Healdsburg, California. This is the fourth quarterly monitoring well sampling event of monitoring well EB-4. The first sampling event was conducted as part of EBA's December 1994 Phase II Subsurface Investigation. Enclosed are a Groundwater Flow Direction Map (Figure 1), summary of the analytical test results from groundwater samples collected from the monitoring well (Table 1), well survey and groundwater elevation data (Table 2), the laboratory report, chain-of-custody form, and a field log from the September 22, 1995 quarterly sampling event.

The monitoring well groundwater sample was analyzed for total petroleum hydrocarbons as gasoline (TPHG) and benzene, ethylbenzene, toluene, and total xylenes (BETX). The analytical test results from the quarterly sampling event indicate that the groundwater sample collected from EB-4 did not contain detectable concentrations of TPHG and BETX. Analytical results are summarized in Table 1.

Depth to groundwater from top of casing (TOC) on September 22, 1995 in EB-1, EB-2, EB-3 and EB-4 were 8.51 feet, 7.98 feet, 8.31 feet and 12.33 feet, respectively. On June 15, 1995 groundwater flow direction was approximately S55°W; groundwater gradient was 0.004 foot/foot. Water level data is summarized in Tables 1 and 2.


Mr. Jerry Christian
October 16, 1995
Page 2

Purge water from the quarterly sampling event is stored on-site in properly labeled 55-gallon drums (DOT-17H).

With the approval of the NCRWQCB, EBA would like to decrease the sampling frequency of EB-4 to a semi-annual basis. As reported above, TPHG and BTEX have not been detected in the groundwater samples collected from this monitoring well during the completed four quarterly sampling events. EBA believes that semi-annually sampling of this well will be adequate to monitor the migration of petroleum hydrocarbons at this site.

If you have any questions or comments regarding this report, please contact this office.

Sincerely,
EBA WASTECHNOLOGIES



Eric Gross
Environmental Specialist

EG/LE

cc: NCRWQCB, UST Oversight

Supervised by



Duane Butler, P.E. CE #13357
REA #01999



TABLE 1. GROUNDWATER SAMPLE ANALYTICAL RESULTS

SAMPLE ID	DATE	WATER LEVELS	TPHG mg/kg	Benzene µg/kg	Toluene µg/kg	Ethyl Benzene µg/kg	Total Xylenes µg/kg
EB-1	2/14/93	4.70	ND	ND	ND	ND	ND
EB-4	12/14/94	9.97	ND	ND	ND	ND	ND
	3/10/95	4.12	ND	ND	ND	ND	ND
	6/15/95	11.60	ND	ND	ND	ND	ND
	9/22/95	12.33	ND	ND	ND	ND	ND
REPORTING LIMITS			0.05	0.5	0.5	0.5	0.5

ND: Not detected above reporting limit

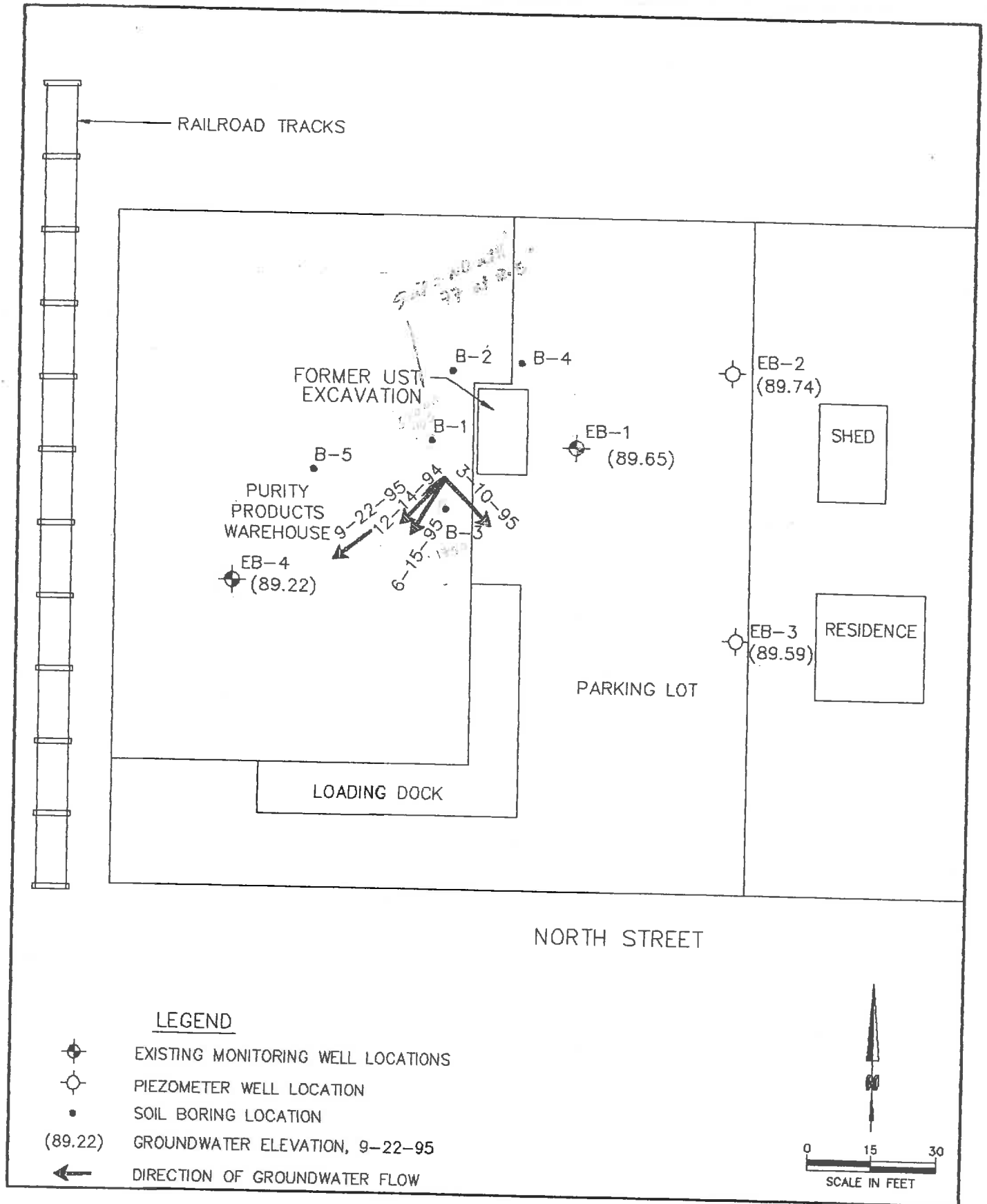
TABLE 2. MONITORING WELL SURVEY AND WATER LEVEL DATA

MONITORING WELL I.D.	WELL DEPTH (ft.)	SCREEN INTERVAL (ft.)	TOC ELEVATION MSL (ft.)	DEPTH TO GROUND WATER FROM TOC (ft.)	GROUND WATER ELEVATION (from MSL)	DATE
EB-1	16.0	6.0-16.0	98.16	5.68	92.48	December 14, 1994
				0.84	97.32	March 10, 1995
				7.50	90.66	June 15, 1995
				8.51	89.65	September 22, 1995
EB-2	16.0	6.0-16.0	97.72	3.23	94.49	December 14, 1994
				0.35	97.37	March 10, 1995
				6.88	90.84	June 15, 1995
				7.98	89.74	September 22, 1995
EB-3	16.0	6.0-16.0	97.90	4.89	93.01	December 14, 1994
				0.94	96.96	March 10, 1995
				7.42	90.48	June 15, 1995
				8.31	89.59	September 22, 1995
EB-4	17.5	7.5-17.5	101.55	9.97	91.58	December 14, 1994
				4.12	97.43	March 10, 1995
				11.60	89.95	June 15, 1995
				12.33	89.22	September 22, 1995

Well depth at time of installation
 TOC: Top of Casing
 MSL: Mean Sea Level

Project No. 92-388		Well No: RR-4			
Project Location: 3 North Street, Healdsburg, CA		Well Depth from TOC: 17.5			
Date: 9/22/95		Well Diameter: 2 inch			
Time: 1130		Product Level from TOC: None			
Recorded by: Eric Gross		Water Level from TOC: 12.33			
Purge Time (duration): 1330-1350		Screened Interval: 7.5-17.5			
		Well Elevation (TOC): 101.55			
WEATHER					
Wind: 1 - 3 mph		Precip. in last 5 days: 0.0"			
VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING					
$(17.5 - 12.33) \times (0.0833)^2 \times 3.14 \times 7.48 = \underline{.85}$ gallons in one well volume					
(Well Depth - Water Level) {Well radius (ft)}					
2.5 gallons in 3 well volumes		3.0 gallons removed			
CALIBRATION					
Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					
FIELD MEASUREMENTS					
Time	pH	EC	Temp °F	Gallons Removed	Appearance
1330	7.1	750	67.0	1	Silty brown
1340	7.1	760	67.0	2	Silty brown
1350	7.1	750	67.0	3	Silty brown
Water Level After Purging: 13.7 ft. (TOC)			80% of Original Water Level: 13.3 ft. (TOC)		
Water Level Before Sampling: 12.9 ft. (TOC)					
APPEARANCE OF SAMPLE: Slightly silty brown					Time: 1420
Bailer: Voss Single Sample	Type: Disposable		GPM:		
Submersible:	Type:		GPM:		
Dedicated:	Type:		GPM:		
DECONTAMINATION METHOD: Disposable Bailers					
SAMPLE ANALYSIS: TPHG & BTEX					
LABORATORY: NET Pacific, Inc.					

EBA Wastechologies 825 Sonoma Avenue Santa Rosa, CA 95404 (707) 544-0784



3 NORTH STREET
HEALDSBURG, CALIFORNIA

GROUNDWATER FLOW DIRECTION

FIGURE
1
OCTOBER, 1995
388FIGS.DWG

the 1990s, the number of people in the UK who are aged 65 and over has increased from 10.5 million to 13.5 million, and the number of people aged 75 and over has increased from 4.5 million to 6.5 million (Office for National Statistics 2000).

There is a growing awareness of the need to address the needs of older people, and the need to ensure that the health care system is able to meet the needs of older people. The Department of Health (2000) has published a strategy for older people, which sets out the government's commitment to improve the health and well-being of older people, and to ensure that the health care system is able to meet the needs of older people.

The strategy for older people is based on the following principles: (1) to improve the health and well-being of older people; (2) to ensure that the health care system is able to meet the needs of older people; (3) to ensure that older people are able to live independently; (4) to ensure that older people are able to participate in society; (5) to ensure that older people are able to live in their own homes; (6) to ensure that older people are able to live in their own communities; (7) to ensure that older people are able to live in their own homes; (8) to ensure that older people are able to live in their own communities; (9) to ensure that older people are able to live in their own homes; (10) to ensure that older people are able to live in their own communities.

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The strategy for older people is based on the following principles: (1) to improve the health and well-being of older people; (2) to ensure that the health care system is able to meet the needs of older people; (3) to ensure that older people are able to live independently; (4) to ensure that older people are able to participate in society; (5) to ensure that older people are able to live in their own homes; (6) to ensure that older people are able to live in their own communities; (7) to ensure that older people are able to live in their own homes; (8) to ensure that older people are able to live in their own communities; (9) to ensure that older people are able to live in their own homes; (10) to ensure that older people are able to live in their own communities.

APPENDIX E
HISTORICAL PHOTOGRAPH
1955



APPENDIX F

HISTORIC AERIAL PHOTOGRAPHS



CERRI SITE

3 NORTH STREET
Healdsburg, CA 95448

Inquiry Number: 4390300.12
August 26, 2015

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography August 26, 2015

Target Property:

3 NORTH STREET

Healdsburg, CA 95448

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1942	Aerial Photograph. Scale: 1"=500'	Flight Year: 1942	USGS
1952	Aerial Photograph. Scale: 1"=500'	Flight Year: 1952	USGS
1965	Aerial Photograph. Scale: 1"=500'	Flight Year: 1965	Cartwright
1974	Aerial Photograph. Scale: 1"=500'	Flight Year: 1974	USGS
1982	Aerial Photograph. Scale: 1"=500'	Flight Year: 1982	USGS
1993	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1993	USGS/DOQQ
1998	Aerial Photograph. Scale: 1"=500'	Flight Year: 1998	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP



INQUIRY #: 4390300.12

YEAR: 1942

| = 500'





INQUIRY #: 4390300.12

YEAR: 1952

| = 500'





INQUIRY #: 4390300.12

YEAR: 1965

| = 500'





INQUIRY #: 4390300.12

YEAR: 1974

— = 500'





INQUIRY #: 4390300.12

YEAR: 1982

| = 500'





INQUIRY #: 4390300.12

YEAR: 1993

— = 500'





INQUIRY #: 4390300.12

YEAR: 1998

| = 500'





INQUIRY #: 4390300.12

YEAR: 2005

| = 500'





INQUIRY #: 4390300.12

YEAR: 2006

| = 500'



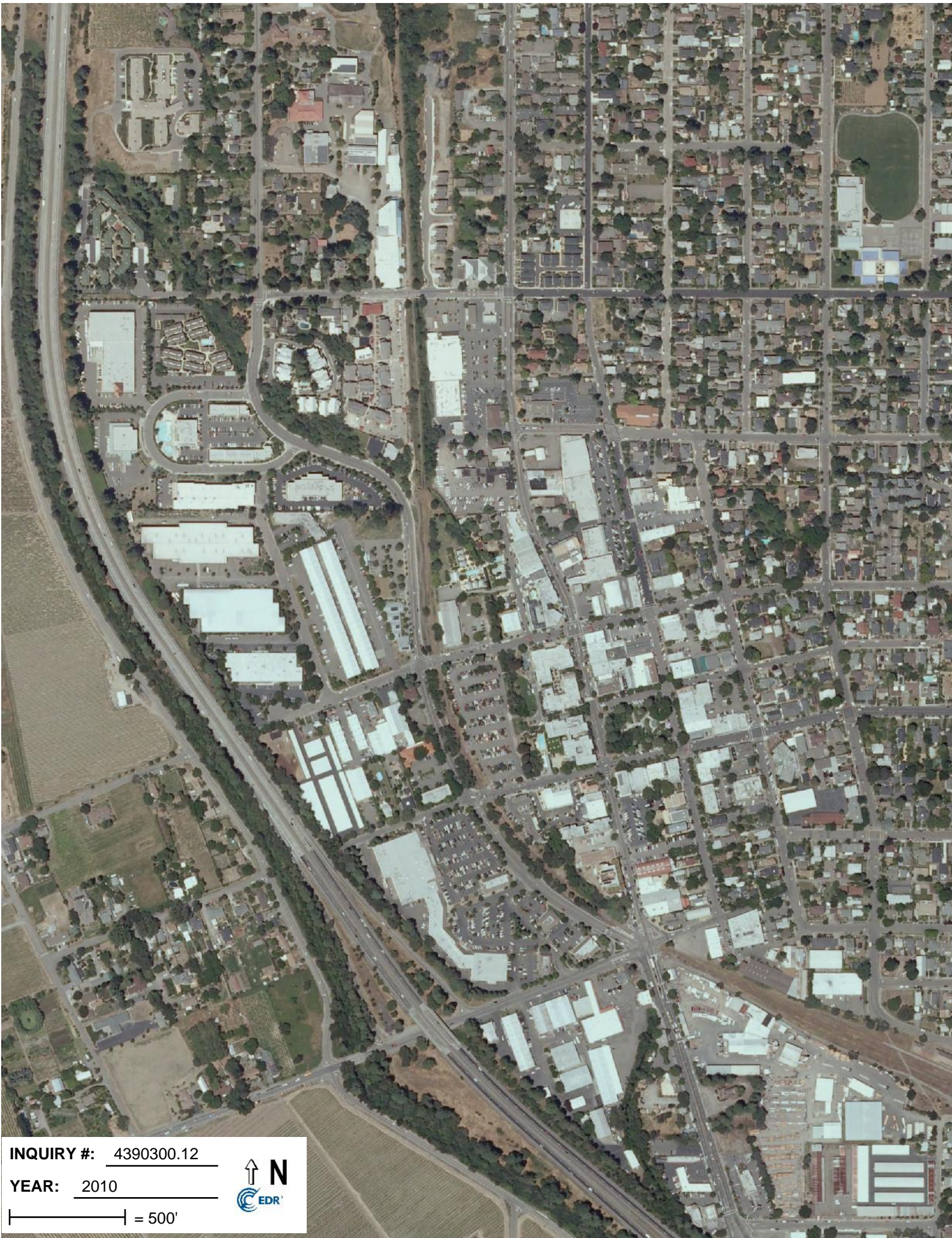


INQUIRY #: 4390300.12

YEAR: 2009

| = 500'





INQUIRY #: 4390300.12

YEAR: 2010

| = 500'





INQUIRY #: 4390300.12

YEAR: 2012

| = 500'



APPENDIX G

HISTORIC SANBORN FIRE INSURANCE MAPS



CERRI SITE

3 NORTH STREET
Healdsburg, CA 95448

Inquiry Number: 4390300.3
August 23, 2015

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

8/23/15

Site Name:

CERRI SITE
3 NORTH STREET
Healdsburg, CA 95448

Client Name:

EBA Engineering
825 Sonoma Avenue
Santa Rosa, CA 95404



EDR Inquiry # 4390300.3

Contact: EVAN PLATT

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: CERRI SITE
Address: 3 NORTH STREET
City, State, Zip: Healdsburg, CA 95448
Cross Street:
P.O. # 15-2212
Project: CERRI SITE
Certification # B8EE-4BBB-81C8



Sanborn® Library search results
Certification # B8EE-4BBB-81C8

Maps Provided:

1950
1941
1923

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet Keymap/Sheet1



Volume 1, Sheet 5



Volume 1, Sheet 8

1941 Source Sheets



Volume 1, Sheet Keymap/Sheet1



Volume 1, Sheet Keymap/Sheet1



Volume 1, Sheet 5



Volume 1, Sheet 8

1923 Source Sheets



Volume 1, Sheet Keymap/Sheet1



Volume 1, Sheet 5



Volume 1, Sheet 8

1950 Certified Sanborn Map

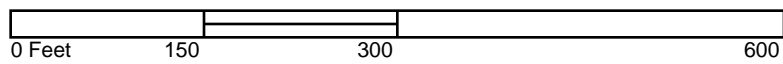
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Certification # B8EE-4BBB-81C8

Site Name: CERRI SITE
 Address: 3 NORTH STREET
 City, ST, ZIP: Healdsburg CA 95448
 Client: EBA Engineering
 EDR Inquiry: 4390300.3
 Order Date: 8/23/2015 9:15:00 PM
 Certification #: B8EE-4BBB-81C8
 Copyright: 1950



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet Keymap/Sheet1
 Volume 1, Sheet 5
 Volume 1, Sheet 8



1941 Certified Sanborn Map



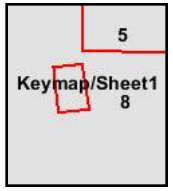
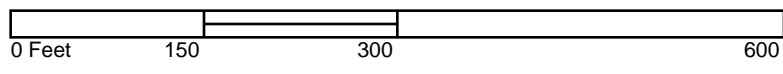
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 Address: 3 NORTH STREET
 City, ST, ZIP: Healdsburg CA 95448
 Client: EBA Engineering
 EDR Inquiry: 4390300.3
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- Volume 1, Sheet Keymap/Sheet 1
- Volume 1, Sheet Keymap/Sheet 1
- Volume 1, Sheet 5
- Volume 1, Sheet 8

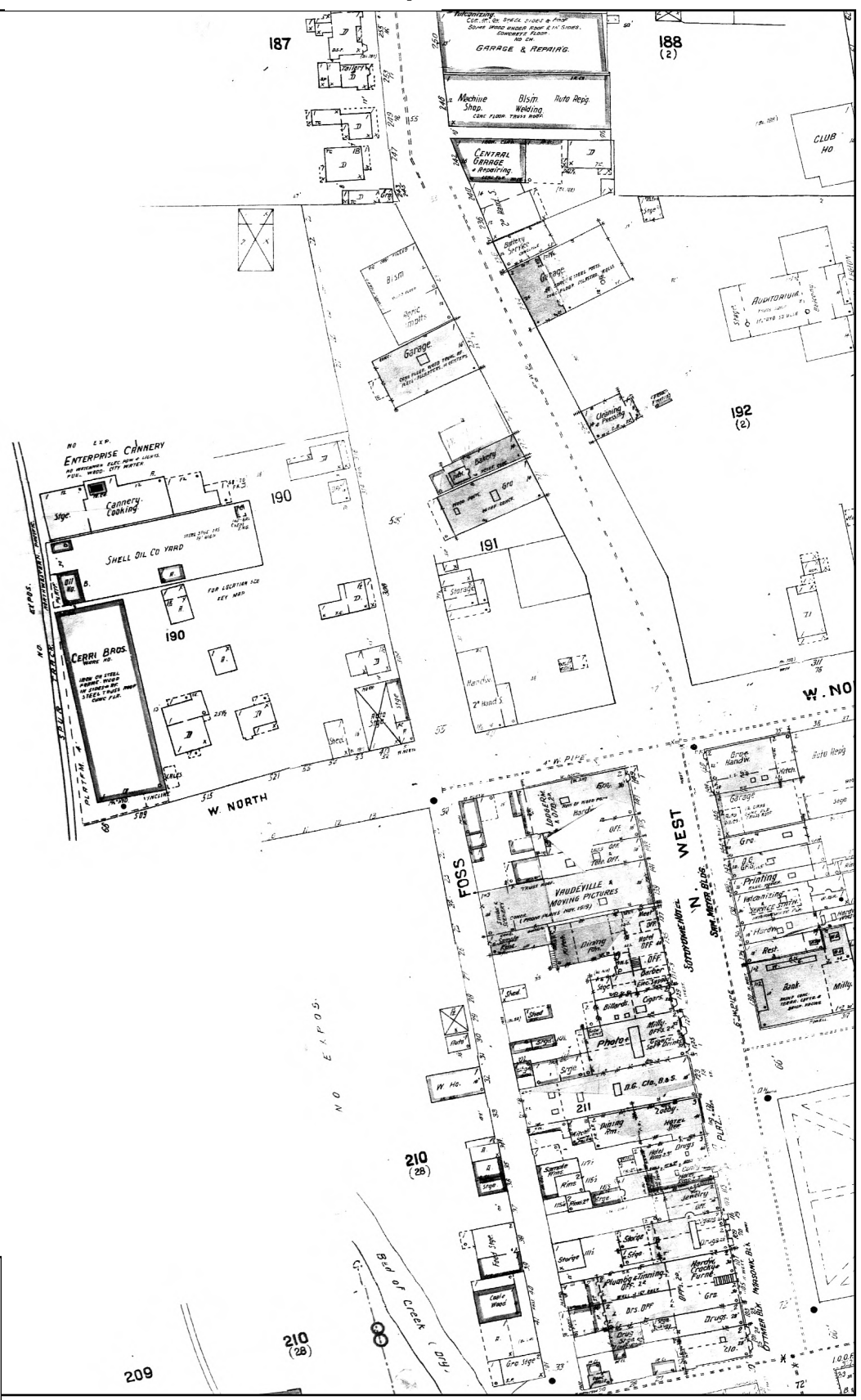


1923 Certified Sanborn Map

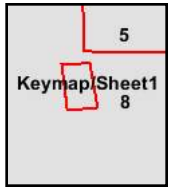
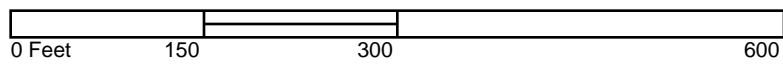
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Certification # B8EE-4BBB-81C8

Site Name: CERRI SITE
 Address: 3 NORTH STREET
 City, ST, ZIP: Healdsburg CA 95448
 Client: EBA Engineering
 EDR Inquiry: 4390300.3
 Order Date: 8/23/2015 9:15:00 PM
 Certification #: B8EE-4BBB-81C8
 Copyright: 1923



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Volume 1, Sheet Keymap/Sheet1
 Volume 1, Sheet 5
 Volume 1, Sheet 8



APPENDIX H

LEAD AND ASBESTOS SURVEY REPORT

NorBay Consulting

LOGICAL

ENVIRONMENTAL

SOLUTIONS

*(415) 507-9786 Phone
(415) 507-9760 Fax*

*2400 Las Gallinas Avenue, Suite 110
San Rafael, California 94903*

October 20, 2015

Mr. Evan Platt
EBA Engineering
825 Sonoma Avenue, Suite C
Santa Rosa, CA 95404

**SUBJECT: PRE-RENOVATION/DEMOLITION
ASBESTOS & LEAD INSPECTION REPORT
3 NORTH STREET, HEALDSBURG, CALIFORNIA**

Dear Mr. Platt:

NorBay Consulting is pleased to provide the analytical results from the asbestos and lead inspection conducted in the vacant commercial building located at 3 North Street in Healdsburg, California.

Our inspection included the visual observation of suspect asbestos containing building materials, the collection of suspect building materials to determine asbestos content, if any, laboratory analysis, the collection of lead in paint readings utilizing a RMD direct reading instrument, visual inspection for other hazardous materials and generation of a final report.

NorBay Consulting appreciates the opportunity to provide you with these services. If you have any questions regarding this report or if you require additional information please do not hesitate to contact me at (415) 507-9786.

Respectfully,
NORBAY CONSULTING

Bob Gerhold

Bob Gerhold
Certified Asbestos Consultant # 92-0157
CDPH Lead Inspector/Assessor I2108

EXECUTIVE SUMMARY

NorBay Consulting performed a pre-renovation/demolition asbestos and lead inspection of the vacant commercial building located at 3 North Street in Healdsburg, California. Since the structure is scheduled to undergo renovation/demolition activities this inspection is required as per Bay Area Air Quality Management District (BAAQMD) and Cal-OSHA regulations. Mr. Bob Gerhold, Cal-OSHA Certified Asbestos Consultant #92-0157 and Certified Lead Inspector # 2108 performed the inspection on October 14, 2015.

This Executive Summary is provided solely for the purpose of overview. Any party who relies on this report must read the entire report. The Executive Summary may have omitted important details, anyone of which could be crucial to the proper understanding and risk assessment of the subject matter.

A total of twenty (20) samples of suspect asbestos containing materials were collected during the inspection. Upon analysis by Polarized Light Microscopy (PLM) the following material(s) were found to contain varying percentages of asbestiform minerals or are materials known to contain asbestos.

- ◆ Sheet vinyl material located on the corner countertop in the office area;
- ◆ Insulating cloth inside the electrical panel in the office area.

A total of fifty-six (56) readings were collected of exterior and interior painted/coated surfaces during the inspection. In addition, six (6) calibration readings were also collected. For this report lead based paint includes readings ≥ 1.0 mg/cm², lead-containing paint includes readings ≥ 0.1 to ≤ 1.0 mg/cm² and no lead detected includes readings of 0.0 mg/cm². It is extremely important to understand that XRF readings, which have a value of 0.0 mg/cm², do not necessarily mean there is “no lead present” but rather the level is below what the instrument can read.

The following components/fixtures were found to contain lead in paint/coatings > 1.0 mg/cm².

- ◆ Exterior gray wooden door frames on the east side restroom bump out;
- ◆ Exterior white and orange window frames on the west side;
- ◆ White porcelain sink and toilet in the restroom;
- ◆ Gray wooden windows in the restroom.

A more detailed presentation of procedures and findings is presented in the body of this report. Also included is a discussion of recommendations and regulatory considerations.

ASBESTOS SURVEY PROCEDURES

NorBay Consulting identified homogeneous areas of materials, which were suspected of containing asbestos. A homogeneous area, for bulk sampling purposes, is one that seems by texture, color and wear to be uniform and applied during the same general time period. After the homogeneous areas had been identified, representative bulk sample(s) are collected for laboratory analysis. Because asbestos-containing building materials have compositional variability, it is possible to obtain different laboratory results for samples from the same homogeneous area.

Pre-Renovation/Demolition
Asbestos & Lead Inspection
3 North Street, Healdsburg, California

Therefore, a homogeneous area with at least one positive sample for will result in the entire homogeneous area being designated as an asbestos containing material.

The sampling strategy employed by NorBay Consulting was partially based on guidelines established by the Environmental Protection Agency (EPA) for school buildings (40 CFR Part 763, AHERA) which require that samples be collected from each homogeneous area of suspected ACM. Upon completion of the inspection and bulk sampling, the samples were delivered under chain of custody protocol to Forensic Analytical of Hayward, California for analysis by Polarized Light Microscopy (PLM).

SAMPLE ANALYSIS

Bulk samples were examined by Polarized Light Microscopy (PLM) in accordance with EPA Test Method 600/R-93/116, "Method for the Determination of Asbestos in Bulk Building Materials". The percentage of asbestos is determined by visual estimation. Laboratory results are reported based on the percentage of asbestiform minerals identified within each sample layer. The lower limit of reliable detection by PLM is 1% by volume.

When asbestos or other minerals are observed in concentrations believed to be less than the reliable detection limit (less than 1%) the results are usually indicated as TRACE. Samples found to contain < 1% asbestos were further analyzed by the NESHAP point counting method to verify that the material truly contained < 1% asbestos.

Upon analysis the analytical results are compared to government agency standards. Currently, both the California Occupational Safety and Health Administration (Cal-OSHA) and the Environmental Protection Agency (EPA) define material with contains more than one percent asbestos to be an asbestos containing material (ACM). In addition, Cal-OSHA defines any manufactured construction material containing more than 0.1% by weight as asbestos containing construction materials (ACCM). Cal-OSHA also requires notification and registration of the contractor when disturbing materials with more than one-tenth of one percent and regulates worker protection whenever materials containing any detectable levels of asbestos are to be disturbed.

RESULTS

Analytical results from the asbestos bulk sampling can be found in the table on the following pages.

Sample ID	Material	Location	Results
5715-PLM-1 & 2	Roofing debris	Exterior, east and west sides	No Asbestos Detected
5715-PLM-3 & 4	Window glazing	Exterior, east side	No Asbestos Detected
5715-PLM-5	Window glazing	Exterior, south side	No Asbestos Detected
5715-PLM-6	Insulating board behind heater	Office Area	No Asbestos Detected

Pre-Renovation/Demolition
 Asbestos & Lead Inspection
 3 North Street, Healdsburg, California

Sample ID	Material	Location	Results
5715-PLM-7	Insulating cloth inside electrical panel	Office Area	70% asbestos
5715-PLM-8	Sheet vinyl on corner countertop (beige pebble)	Office Area	70% asbestos in fibrous backing
5715-PLM-9 & 10	Flooring remnants	Restroom Area	No Asbestos Detected
5715-PLM-11 & 12	Sheet vinyl flooring	Restroom Area (both sides)	No Asbestos Detected
5715-PLM-13	Window glazing	Interior, office area	No Asbestos Detected
5715-PLM-14	Acoustical wall panel	Office Area	No Asbestos Detected
5715-PLM-15	Acoustical ceiling panel	Office Area	No Asbestos Detected
5715-PLM-16 & 17	2' x 4' acoustical ceiling panels	Office Area	No Asbestos Detected
5715-PLM-18 & 19	Textured drywall/taping mud	Office Area (large room)	No Asbestos Detected
5715-PLM-20	Textured drywall/taping mud	Office Area	No Asbestos Detected

REGULATORY CONSIDERATIONS

Current EPA National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations require that most ACM be removed prior to demolition or renovation activities. Other regulations apply to construction activities and notification requirements for projects involving ACM/ACCM. At both the federal and state levels, these include, but are not limited to Federal OSHA regulation 29 CFR 1910 and 1926, the California Health Code, California OSHA 8 CCR 1529 and Proposition 65 which requires the posting of notifications when a facility is known to contain toxic substances found on the governors list.

As previously mentioned in this report both the California Occupational Safety and Health Administration (Cal-OSHA) and the Environmental Protection Agency (EPA) define material with contains more than one percent asbestos to be an asbestos containing material (ACM). In addition, Cal-OSHA defines any manufactured construction material containing more than 0.1% by weight as asbestos containing construction materials (ACCM). Cal-OSHA also requires notification and registration of the contractor when disturbing materials with more than one-tenth of one percent and regulates worker protection whenever materials containing any detectable levels of asbestos are to be disturbed.

RECOMMENDATIONS

Bay Area Air Quality Management District (BAAQMD) Regulation 11-2-401.3 requires that for every demolition or renovation involving the removal of 100 square/linear feet or greater of Regulated Asbestos Containing material (RACM), a notification must be made to the BAAQMD at least ten working days prior to commencement of demolition/renovation activities. In addition, BAAQMD requires removal, prior to renovation and/or demolition of regulated asbestos-containing materials (RACM), i.e; materials with asbestos content of greater than 1% that are

Pre-Renovation/Demolition
Asbestos & Lead Inspection
3 North Street, Healdsburg, California

friable (can be crumbled, pulverized or reduced to powder by hand pressure) or may become friable during renovation or demolition. Non-friable asbestos containing materials containing greater than 1% asbestos are also considered to be RACM if they are subjected to sanding, drilling, grinding, cutting, abrading or may become friable during demolition/renovation activities.

NorBay Consulting recommends that the materials containing various percentages of asbestos discovered as part of our inspection and included in the table of this report be removed by a licensed asbestos abatement contractor prior to any renovation or demolition activities taking place that would disturb them. The contractor selected must be familiar with and abide by the strict rules and regulations regarding the removal, packaging and disposal of asbestos containing materials.

LEAD IN PAINT XRF SURVEY PROCEDURES

The sampling strategy employed by NorBay Consulting was performed as outlined in Title 17, California Code of Regulations, Division 1, Chapter 8 and in accordance with those survey procedures listed in the "Guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing", June 1995 by the U.S. Department of Housing and Urban Development (HUD). Our investigation included the collection of readings on similar painted surfaces (not every component in every room as dictated by HUD guidelines.)

Prior to data collection painted/coated surfaces were categorized into distinct areas of homogeneity, substrate material, building material and/or distinct paint type. After the items have been identified, a representative reading of the painted/coated surface is collected. Because painted/coated have compositional variability due to one or more paint layers, it is possible to obtain different readings for samples from the same homogeneous area. Therefore, a homogeneous area with at least one XRF reading of 1.0 mg/cm² or greater will result in the entire homogenous material, substrate and/or distinct paint type being designated as lead based paint. Each XRF reading along with the location, component, substrate, color and condition of the painted/coated surface are included in the XRF readings table located at the end of this report.

SAMPLE ANALYSIS

The XRF testing was performed in accordance with the aforementioned criteria, using an RMD-LPA-1 XRF Analyzer. Exposure times are internally determined by the instrument and are based on a number of factors including lead content, substrate and source strength. The instrument is calibrated to the manufacturer's specifications and was periodically verified against known lead standards produced by the National Institute of Standards and Testing.

HUD defines action level as the hazard level for which a corrective response action will be required. Currently, the most widely used action level for lead-based paint (LBP) is 1.0 mg/cm² (as measured by an XRF) established by HUD and adopted by the U.S. Environmental Protection Agency. The action level is 5000 parts per million (ppm) or 0.5% by weight when collected paint chip samples are analyzed using atomic absorption spectroscopy (AAS). HUD guidelines consider XRF findings of 1.0 mg/cm² or greater, as lead based paint, which may be a potential hazard. It is extremely important to understand that XRF readings, which have a value of 0.0 mg/cm², do not necessarily mean there is "no lead present".

RESULTS

During our investigation a total of fifty-six (56) XRF readings were collected of various interior and exterior building/structure components.

Of these readings, eight (8) resulted in levels considered to be lead based paint or glazing. The components/fixtures found to contain lead based paint and/or lead glazing were;

- ◆ Exterior gray wooden door frames on the east side restroom bump out;
- ◆ Exterior white and orange window frames on the west side;
- ◆ White porcelain sink and toilet in the restroom;
- ◆ Gray wooden windows in the restroom.

For a complete listing of readings see the attached XRF Readings sheet.

REGULATORY CONSIDERATIONS / RECOMMENDATIONS

Current EPA and HUD guidelines recommend that surfaces containing lead based paint in damaged condition to be considered “lead-based paint hazards” and should be addressed through abatement (permanent removal) or interim controls (temporary). Surfaces containing lead based paints in intact condition should be monitored, but are not considered to be “lead based paint hazards”.

The following components contained damaged lead based paint and are considered a lead hazard.

- ◆ Exterior gray wooden door frames on the east side restroom bump out;
- ◆ Exterior white and orange window frames on the west side;
- ◆ Gray wooden windows in the restroom.

Construction Work Standards

At present, there are no state or federal laws dealing with mandatory abatement following the identification of lead containing or lead based paints prior to disturbance. However, in 1993 the Occupational Safety and Health Administration promulgated legislation (29 CFR 1926.62 and 8 CCR 1532.1) entitled "Lead Exposure in the Construction Industry" which deals with worker exposure to lead.

It should be noted that aside from the HUD definition of lead-based paint (1.0 mg/cm²), OSHA regulates worker protection and work practices on building components containing any detectable amounts of lead. Therefore, components determined to contain less than 1.0 mg/cm² may still be subject to OSHA regulations, if these materials are to be disturbed. This standard essentially states that work, involving components containing any amount of lead must follow certain guidelines. These guidelines include but are not limited to training, personal protective equipment and specific work practices whenever workers disturb lead in any concentration because the disturbance may result in airborne exposures over action or permissible exposure limits.

This legislation requires that any task that may potentially expose workers to any concentration of lead be monitored to determine workers eight-hour time weighted average (TWA) exposure to

Pre-Renovation/Demolition
Asbestos & Lead Inspection
3 North Street, Healdsburg, California

lead. Prior to conduction of activities that may generate a lead exposure, such workers must be properly fitted with respiratory protection and protective clothing until personal eight-hour TWA results reveal exposures within acceptable levels.

Any proposed renovation/demolition, which may involve the removal of building materials with lead based and/or lead containing painted surfaces, should include provisions to minimize the potential for airborne release of lead contaminated dust. It is recommended, as a minimum, that demolition of building materials which have lead-based and/or lead-containing paints be conducted with the materials kept in a wetted state and removed in sections, as feasible, to reduce the potential for airborne lead emissions.

LIMITATIONS

NorBay Consulting conducted this inspection and prepared this report for the sole and exclusive use of EBA Engineering, the only intended beneficiary of our work. NorBay Consulting has performed this inspection in a substantial and workmanlike manner, in accordance with generally accepted methods and practices of the profession, and consistent with that level of care and skill ordinarily exercised by reputable environmental consultants under similar conditions and circumstances.

Please note that no subsurface investigation was conducted to determine if asbestos cement “transite” electrical or water utilities were present.

Enclosed you will find the laboratory reports and chain of custody form for all asbestos bulk samples collected. In addition, a spread sheet of all XRF readings is also included. If you have any questions regarding this report or if you require additional information please do not hesitate to contact me at (415) 507-9786.

Sincerely,
NORBAY CONSULTING

Bob Gerhold

Bob Gerhold
Certified Asbestos Consultant #92-0157
CDPH Certified Lead Inspector/Assessor I2108

Pre-Renovation/Demolition
Asbestos & Lead Inspection
3 North Street, Healdsburg, California

**LABORATORY REPORTS AND
CHAIN OF CUSTODY FORMS**

POLARIZED LIGHT MICROSCOPY (PLM)

Pre-Renovation/Demolition
Asbestos & Lead Inspection
3 North Street, Healdsburg, California

XRF READINGS

Readings shaded in gray indicate lead based paint

Readings shaded in green indicate lead containing paint

NorBay Consulting
 2400 Las Gallinas Avenue, Suite 110
 San Rafael, CA 94903
 (415) 507-9786 Phone
 (415) 507-9760 Fax

Job Site: 3 North Street
Healdsburg, Ca

Project Number: 5715
 Analysis Requested: PLM
 Turn Around Time: 24hr

Client ID#	Date	Location	Description	
5715-PLM-1	10/14/15	Exterior, east side	Roofing debris	
5715-PLM-2		Exterior, west side	" "	
5715-PLM-3		Exterior, east side	Window glazing > Stop on 1st positive	
5715-PLM-4		" "	" "	
5715-PLM-5		Exterior, south side	Window glazing	
5715-PLM-6		Office, behind heater	Insulating board	
5715-PLM-7		Office, electrical panel	Insulating cloth	
5715-PLM-8		Office, corner countertop	Sheet vinyl, beige pebble pattern	
5715-PLM-9		Bathroom	Flooring remnants > Stop on 1st positive	
5715-PLM-10		" "	" "	
5715-PLM-11		Office (north)	Flooring	
5715-PLM-12		" " (south)	" "	
5715-PLM-13		↓	Office (interior)	Interior window glazing

Notes: email results to Bob@norbayca.com

Relinquished by Bob Gerhold Date 10/14/15
 Received by Jan Date _____



Relinquished by _____ Date _____
 Received by _____ Date _____

NorBay Consulting
 2400 Las Gallinas Avenue, Suite 110
 San Rafael, CA 94903
 (415) 507-9786 Phone
 (415) 507-9760 Fax

Job Site: 3 North Street
Healdsburg, Ca

Project Number: 5715
 Analysis Requested: PLM
 Turn Around Time: 24hr

Client ID#	Date	Location	Description
5715-PLM-14	10/14/15	Office	Acoustical wall panel
5715-PLM-15	↓	" "	Acoustical ceiling panel
5715-PLM-16		" "	2x4' acoustical ceiling panels
5715-PLM-17		" "	" " " " } Stop on 1st posible
5715-PLM-18		Office (large area)	Textured drywall/taping mud
5715-PLM-19		" "	" " "
5715-PLM-20		Office	" " "

Notes: email results to Bob@norbayca.com

Relinquished by Bob Gerhold Date 10/14/15
 Received by FedEX Date _____

Relinquished by _____ Date _____
 Received by _____ Date _____





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

NorBay Consulting
Robert Gerhold
2400 Las Gallinas
Suite 110
San Rafael, CA 94903

Client ID: 3982
Report Number: B211945
Date Received: 10/15/15
Date Analyzed: 10/16/15
Date Printed: 10/16/15
First Reported: 10/16/15

Job ID/Site: 5715 - 3 North Street, Healdsburg, CA

FALI Job ID: 3982
Total Samples Submitted: 20
Total Samples Analyzed: 20

Date(s) Collected: 10/14/2015

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
5715-PLM-1	11693190						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
5715-PLM-2	11693191						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
5715-PLM-3	11693192						
Layer: White Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
5715-PLM-4	11693193						
Layer: White Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
5715-PLM-5	11693194						
Layer: White Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
5715-PLM-6	11693195						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
5715-PLM-7	11693196						
Layer: Off-White Fibrous Material		Chrysotile	70 %				
Total Composite Values of Fibrous Components:		Asbestos (70%)					
Cellulose (25 %)							

Client Name: NorBay Consulting

Report Number: B211945

Date Printed: 10/16/15

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
5715-PLM-8	11693197						
Layer: Beige Sheet Flooring			ND				
Layer: Fibrous Backing		Chrysotile	70 %				
Total Composite Values of Fibrous Components:		Asbestos (25%)					
Cellulose (5 %)							
5715-PLM-9	11693198						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							
5715-PLM-10	11693199						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							
5715-PLM-11	11693200						
Layer: Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
5715-PLM-12	11693201						
Layer: Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
5715-PLM-13	11693202						
Layer: Off-White Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
5715-PLM-14	11693203						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
5715-PLM-15	11693204						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
5715-PLM-16	11693205						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							

Client Name: NorBay Consulting

Report Number: B211945

Date Printed: 10/16/15

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
5715-PLM-17	11693206						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
5715-PLM-18	11693207						
Layer: White Drywall			ND				
Layer: Off-White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
5715-PLM-19	11693208						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound			ND				
Layer: White Tape			ND				
Layer: Off-White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
5715-PLM-20	11693209						
Layer: White Drywall			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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APPENDIX I
SOIL BORING LOGS



LOG OF EXPLORATORY BORING

PROJECT: *Cerri Site*
 SHEET: *1 OF 1*
 JOB NUMBER: *15-2212*
 BORING: *CB-1*
 DATE: *10/19/15*

FIELD LOCATION OF BORING: ↑
N

- BENTONITE
- CEMENT-BENTONITE
- GROUT
- SAND
- CONCRETE

LOGGED BY: *P. Talmadge* DRILLER: *NEWP*
 WELL CASING ELEVATION: *N/A*
 EQUIPMENT AND SPECIFICATIONS:
Hand Auger to 5', Direct Push to depth

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH		CASING CONSTRUCTION
													TIME	DATE	
													DESCRIPTION		
										1		<i>SM</i>	<i>Silty Sand with Gravel, dark brown (10YR 3/2) moist, no odor (Fill?)</i>		
										2					
										3					
										4			<i>cobbles to 3" diameter</i>		
							<i>0</i>			5					
										6					
							<i>0</i>			7		<i>CL</i>	<i>Lean clay, dark brown, moist, high plasticity, no odor</i>		
										8					
										9					
										10					
							<i>0</i>			11					
										12					
										13					
										14					
							<i>0</i>			15					
										16			<i>color change to brown (10YR 5/2), moist, no odor</i>		
							<i>0</i>			17					
										18			<i>Sandy greenish gray (5G 6/1) stringer, moist (6")</i>		
							<i>0</i>			19					
										20			<i>Total Depth</i>		
										21					
										22					
										23					



LOG OF EXPLORATORY BORING

PROJECT:

Carri Site

SHEET 1 OF 2

JOB NUMBER: 15-2212

BORING: 58-2

DATE: 10/19/15

FIELD LOCATION OF BORING:

↑

LOGGED BY: P. Tolmachev DRILLER: NEWP

WELL CASING ELEVATION:

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to total Depth

- BENTONITE
- CEMENT-BENTONITE GROUT
- SAND
- CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH		CASING CONSTRUCTION	
													TIME	DATE		
													DESCRIPTION			
										1	sm		13.00	15:30	10/19/15	
										2	sw					
							0			3						
							0			4						
							0			5						
							0			6						
							0			7	cl					
							0			8						
							0			9						
							0			10						
							0			11						
							0			12						
							0			13						
							0			14						
							0			15						
							0			16						
							0			17						
							0			18	cl					
							0			19	cl					
							0			20	cl					
							0			21						
							0			22						
							0			23						



LOG OF EXPLORATORY BORING

PROJECT:

Carri Site

SHEET 2 OF 2

JOB NUMBER:

15-2212

BORING: SB-2

DATE: 10/19/15

FIELD LOCATION OF BORING:

N ↑

-  BENTONITE
-  CEMENT-BENTONITE
-  GROUT
-  SAND
-  CONCRETE

LOGGED BY: P. Talmadge

DRILLER: NEWP

WELL CASING ELEVATION:

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5'; Direct Push to total Depth

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DATA			CASING CONSTRUCTION
													WATER DEPTH	TIME	DATE	
													17.00	15:30	10/19/15	
										25			Gravelly Clay, dark brown (10YR 3/3), wet, no odor			
										26			Total Depth			
										27						
										28						
										29						
										30						
										31						
										32						
										33						
										34						
										35						
										36						
										37						
										38						
										39						
										40						
										41						
										42						
										43						
										44						
										45						
										46						
										47						



LOG OF EXPLORATORY BORING

PROJECT: *Cerri Site*
 SHEET: 1 OF 1
 JOB NUMBER: *15-2212*
 BORING: *SB-3*
 DATE: *10/19/15*

FIELD LOCATION OF BORING:

↑ N

- BENTONITE
- CEMENT-BENTONITE GROUT
- SAND
- CONCRETE

LOGGED BY: *P. Tolmudge* DRILLER: *NEWP*
 WELL CASING ELEVATION: *N/A*
 EQUIPMENT AND SPECIFICATIONS:
Hand Auger to 5', Direct Push to total Depth

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USGS	WATER DATA			DESCRIPTION	CASING CONSTRUCTION
													WATER DEPTH	TIME	DATE		
													15.45'	16:25	10/19/15		
							0			1		SM	Basalrock				
										2		CL	Silty sand, brown (10 YR 5/3), dry, minor gravel, no odor				
										3			Lean clay, brown (10 YR 5/3) dry, minor gravel, roots present, no odor				
										4							
							0			5							
										6							
							0			7							
										8							
							0			9				color change to dark brown (10 YR 3/3), increase in plasticity, no odor			
							0			10							
										11							
							0			12							
										13							
							0			14		CL	Sandy lean clay, brown (10 YR 5/3) mottled with olive gray (5 Y 4/1), wet, no odor				
							0			15		CL	lean clay, dark brown (10 YR 3/3), moist, plastic, stiff, no odor				
										16							
							0			17				minor olive gray (5 Y 4/1) mottling, moist, no odor			
										18				color change to olive gray (5 Y 4/1), no odor			
							0			19							
										20		CL	Gravelly clay, olive gray (5 Y 4/1), moist, no odor				
										21				Total Depth			
										22							
										23							



LOG OF EXPLORATORY BORING

PROJECT: *Corri Site* SHEET 1 OF 1
 JOB NUMBER: *15-2212* BORING: *SB-4*
 DATE: *10/20/15*


FIELD LOCATION OF BORING:

↑ N

LOGGED BY: *P. Talmadge* DRILLER: *NEWP*
 WELL CASING ELEVATION:

-  BENTONITE
-  CEMENT-BENTONITE GROUT
-  SAND
-  CONCRETE

EQUIPMENT AND SPECIFICATIONS:
Hand Auger to 5'; Direct Push to total depth

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH				CASING CONSTRUCTION
													TIME	DATE	DESCRIPTION		
							0			1							
							0			2							
							0			3							
							0			4							
							0			5							
							0			6							
							0			7							
							0			8							
							0			9							
							0			10							
										11							
										12							
										13							
										14							
										15							
										16							
										17							
										18							
										19							
										20							
										21							
										22							
										23							

lean clay, brown (10 YR 5/3), dry, low plasticity, no odor

color change to dark brown (10 YR 3/3), moist, no odor

increase in plasticity to high moist, no odor

Total Depth



LOG OF EXPLORATORY BORING

PROJECT: *Cerri Site*
 SHEET 1 OF 1
 BORING: *SB-5*
 JOB NUMBER: *15-2212*
 DATE: *10/19/15*

FIELD LOCATION OF BORING: _____

LOGGED BY: *P. Talmadge* DRILLER: *NEWP*
 WELL CASING ELEVATION: *N/A*

- BENTONITE
- CEMENT-BENTONITE GROUT
- SAND
- CONCRETE

EQUIPMENT AND SPECIFICATIONS:
Hand Auger to 5', Direct Push to Total Depth

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH	TIME	DATE	DESCRIPTION	CASING CONSTRUCTION
										1						<i>Silty sand with gravel (CE:11), brown (10 yr. str), dry, no odor</i>	
										2							
										3							
										4							
										5							
										6							
										7							
										8							
										9							
										10							
										11							
										12							
										13							
										14							
										15							
										16							
										17							
										18							
										19							
										20							
										21							
										22							
										23							



LOG OF EXPLORATORY BORING

PROJECT:

Corri Site

SHEET 1 OF 2

JOB NUMBER: 15-2212

BORING: 58-6

DATE: 10/19/15

FIELD LOCATION OF BORING:

N ↑

- BENTONITE
- CEMENT-BENTONITE
- GROUT
- SAND
- CONCRETE

LOGGED BY: P. Talmadge DRILLER: NEWP

WELL CASING ELEVATION: N/A

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to total depth

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH		CASING CONSTRUCTION	
													TIME	DATE		
													DESCRIPTION			
										1			13.83'	16:00	10/19/15	
										2			Silty sand with gravel (P ₁₁ ?), brown (10YR 5/3) dry, no odor			
							0			3						
										4						
							0			5						
										6						
										7						
							0			8	CL		Lean clay, dark brown (10YR 3/3), moist, stiff, very plastic, no odor			
										9						
										10						
							0			11						
										12						
										13						
										14			mild HC odor, moist			
							48			15						
										16			No HC odor, color change to brown (10YR 5/3)			
										17						
										18			color change to dark brown (10YR 3/3)			
										19						
							0			20						
										21						
										22						
										23						
										24						



LOG OF EXPLORATORY BORING

PROJECT:

Carri Site

SHEET 2 OF 2

BORING: SB-6

JOB NUMBER: 15-2212

DATE: 10/19/15

FIELD LOCATION OF BORING:

↑
N

LOGGED BY: P. Talmadge DRILLER: NEWP

WELL CASING ELEVATION: N/A

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to total depth

-  BENTONITE
-  CEMENT-BENTONITE
-  GROUT
-  SAND
-  CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH		CASING CONSTRUCTION	
													TIME	DATE		
													DESCRIPTION			
							0			25						
										26						
										27						
										28		CL	Gravelly Lean Clay, brown (10YR 5/3) to dark gray (N3), saturated, free water present, soft, no odor			
							0			29						
										30			Total Depth			
										31						
										32						
										33						
										34						
										35						
										36						
										37						
										38						
										39						
										40						
										41						
										42						
										43						
										44						
										45						
										46						
										47						



LOG OF EXPLORATORY BORING

PROJECT:

Corri Site

SHEET *1* OF *1*

BORING: *SB-7*

DATE: *10/19/15*

JOB NUMBER: *15-2212*

LOGGED BY: *P. Talmadge* DRILLER: *NEWB*

WELL CASING ELEVATION: *N/A*


EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to total depth

FIELD LOCATION OF BORING:

↑

-  BENTONITE
-  CEMENT-BENTONITE
-  GROUT
-  SAND
-  CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH				CASING CONSTRUCTION
													TIME	DATE			
													DESCRIPTION				
										1			<i>Silty Sand w/ Gravel (fill?), brown (10 yr 5/3), dry, no odor</i>				
										2							
							○			3							
										4							
							○			5							
										6							
										7							
							○			8		<i>CL</i>	<i>Lean Clay, brown (10 yr 5/3), dry, no odor</i>				
										9			<i>moist, no odor</i>				
							○			10			<i>color change to dark brown (10 yr 3/3), moist, plastic, no odor</i>				
										11							
							○			12							
										13			<i>saturated, no odor</i>				
										14							
										15			<i>Total Depth</i>				
										16							
										17							
										18							
										19							
										20							
										21							
										22							
										23							



LOG OF EXPLORATORY BORING

PROJECT:

Cerri site

SHEET 1 OF 1

BORING: *SB-8*

JOB NUMBER: *15-2212*

DATE: *10/1*

FIELD LOCATION OF BORING:

↑
N

LOGGED BY: *P. Talmadge*


DRILLER: *NEWP*

WELL CASING ELEVATION: *N/A*

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to Total Depth

-  BENTONITE
-  CEMENT-BENTONITE
-  GROUT
-  SAND
-  CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH		CASING CONSTRUCTION	
													TIME	DATE		
													DESCRIPTION			
										1				<i>16-75'</i>		
										2				<i>13:50</i>		
										3				<i>10/20/15</i>		
										4						
										5						
										6						
										7						
										8						
										9						
										10						
										11						
										12						
										13						
										14						
										15						
										16						
										17						
										18						
										19						
										20						
										21						
										22						
										23						

Silty Sand with gravel (G-1), brown (10 YR 5/3), dry, no odor

CL Lean clay, dark brown (10 YR 3/3), moist, stiff, plastic, no odor

color change to brown (10 YR 5/3), moist, no odor

6" sandy stringer, moist, no odor

Free water in root traces, saturated

6" sandy stringer, saturated

Total Depth



LOG OF EXPLORATORY BORING

PROJECT:

Levi Site

SHEET 1 OF 1

JOB NUMBER: 15-2212

BORING: SB-9

DATE: 10/19/15

FIELD LOCATION OF BORING:

↑

LOGGED BY: P. Talmadge DRILLER: NEWP

WELL CASING ELEVATION: N/A

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5'; Direct Push to Total Depth

- BENTONITE
- CEMENT-BENTONITE
- GROUT
- SAND
- CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/8 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	DESCRIPTION	CASING CONSTRUCTION
										1			Silty sand with gravel (fill), brown (10YR 5/3) moist, no odor	
							0			2			CL lean clay, dark brown (10YR 3/3), moist, black wood chunks / charcoal present, soft, no odor	
										3				
										4			~15% fine sand, no odor	
							0			5			high plasticity, stiff, no odor	
										6				
										7				
										8				
										9				
										10				
										11				
										12			color change to brown (10YR 5/3)	
										13				
										14			CL sandy lean clay, brown (10YR 5/3) mottled w/ olive gray (5Y 4/1), wet, low plasticity, no odor	
										15			→ Total DEPTH	
										16				
										17				
										18				
										19				
										20				
										21				
										22				
										23				



LOG OF EXPLORATORY BORING

PROJECT: *Cerri site*
 SHEET *1* OF *1*
 JOB NUMBER: *15-2212*
 BORING: *SB-10*
 DATE: *10/20/15*

FIELD LOCATION OF BORING: N ↑

- BENTONITE
- CEMENT-BENTONITE
- GROUT
- SAND
- CONCRETE

LOGGED BY: *P. Talmadge* DRILLER: *NEWP*
 WELL CASING ELEVATION: *N/A*
 EQUIPMENT AND SPECIFICATIONS:
Hand Auger

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH	TIME	DATE	DESCRIPTION	CASING CONSTRUCTION
							0			1						1	X
										2						2	X
										3						3	
										4						4	
										5						5	
										6						6	
										7						7	
										8						8	
										9						9	
										10						10	
										11						11	
										12						12	
										13						13	
										14						14	
										15						15	
										16						16	
										17						17	
										18						18	
										19						19	
										20						20	
										21						21	
										22						22	
										23						23	



LOG OF EXPLORATORY BORING

PROJECT:

Cerri Site

SHEET 1 OF 1

JOB NUMBER: 15-2212

BORING: 58-11

DATE: 10/19/15

FIELD LOCATION OF BORING:

N ↑

- BENTONITE
- CEMENT-BENTONITE
- GROUT
- SAND
- CONCRETE

LOGGED BY: P. Talmadge DRILLER: NVEWP

WELL CASING ELEVATION: N/A

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to Total Depth

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH	TIME	DATE	DESCRIPTION	CASING CONSTRUCTION
							0			1						Silty sand with gravel (FILL), brown (10 yr 5/2) dry, no odor	
										2							
										3							
										4							
							0			5							
										6							
										7							
										8		CL				Lean clay, dark brown (10 yr 3/2), moist, plastic, stiff, no odor	
										9							
										10							
										11							
										12							
										13							
										14							
										15						Total Depth	
										16							
										17							
										18							
										19							
										20							
										21							
										22							
										23							



LOG OF EXPLORATORY BORING

PROJECT:

Corri Site

SHEET 1 OF 1

BORING: *SB-12*

JOB NUMBER: *15-2212*

DATE: *10/19/15*

FIELD LOCATION OF BORING:

↑
N

LOGGED BY: *P. Tailmudge* DRILLER: *NEWP*

WELL CASING ELEVATION: *N/A*

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to Total depth

-  BENTONITE
-  CEMENT-BENTONITE
-  GROUT
-  SAND
-  CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DATA				CASING CONSTRUCTION	
													WATER DEPTH	TIME	DATE			
													DESCRIPTION					
										1								
							o			2								
										3								
										4								
							o			5								
										6								
										7								
							o			8								
										9								
										10								
							o			11								
										12								
										13								
							o			14								
										15								
										16								
										17								
										18								
										19								
										20								
										21								
										22								
										23								

Silty sand with gravel (fill), brown (10 yr 5/2), dry, no odor

CL Lean clay, dark brown (10 yr 3/3), moist, stiff, no odor

Total Depth



LOG OF EXPLORATORY BORING

PROJECT:

Corri Site

SHEET 1 OF 2

JOB NUMBER: 15-2212

BORING: SB-14

DATE: 10/20/15

FIELD LOCATION OF BORING:

↑ N

LOGGED BY: P. Tadmadge DRILLER: NEWP

WELL CASING ELEVATION: N/A

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to Total Depth

- BENTONITE
- CEMENT-BENTONITE
- GROUT
- SAND
- CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH				DESCRIPTION	CASING CONSTRUCTION
													TIME	DATE				
							0			1		CL					asphalt Silty sand with gravel (fill), brown (10 YR 5/3), moist, no odor	
										2							Pea gravel with clay (fill), brown (10 YR 5/3), moist, no odor	
							2.1			3								
										4		CL					Lean clay, olive gray (5 Y 4/1), moist, soft, low plasticity, faint, very slight HC odor	
										5								
										6							color change to dark brown (10 YR 3/3), very slight HC odor	
							19			7								
										8							very slight HC odor, high plasticity	
										9							no odor	
										10								
										11								
										12								
										13							color change to brown (10 YR 5/3), 10% fine sand	
										14								
										15							increase in sand content to 20% saturated 15'-15.5' BGS	
										16							moist	
										17								
										18							color change to dark brown (10 YR 3/3), moist, high plasticity, no odor	
										19								
										20								
										21		CL					Sandy lean clay, olive gray (5 Y 4/1), wet, no odor	
										22								
										23		CL					Gravelly lean clay, dark brown (10 YR 3/3) to olive gray (5 Y 4/1), low plasticity, wet, no odor	
										24								



LOG OF EXPLORATORY BORING

PROJECT:

Carri Site

SHEET 2 OF 2

JOB NUMBER: *15-2212*

BORING: *59-14*

DATE: *6/20/15*

FIELD LOCATION OF BORING:

N ↑

LOGGED BY: *P. Talman* DRILLER: *NEWP*

WELL CASING ELEVATION: *N/A*

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to Total Depth.

-  BENTONITE
-  CEMENT-BENTONITE
-  GROUT
-  SAND
-  CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH	TIME	DATE	DESCRIPTION	CASING CONSTRUCTION	
							0			25								
										26								
										27								
										28								
										29								
										30								
										31								
										32								
										33								
										34								
										35								
										36								
										37								
										38								
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										90								
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										92								
										93								
										94								
										95								
										96								
										97								
										98								
										99								
										100								



LOG OF EXPLORATORY BORING

PROJECT:

Cerri Site

SHEET 1 OF 2

JOB NUMBER: 15-2212

BORING: SB-15

DATE: 10/20/15

FIELD LOCATION OF BORING:

N ↑

LOGGED BY: P. Talmadge DRILLER: NEWP

WELL CASING ELEVATION: N/A

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to Total Depth

- BENTONITE
- CEMENT-BENTONITE GROUT
- SAND
- CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	DESCRIPTION	CASING CONSTRUCTION
							0			1		CL	concrete Silty sand with gravel (fill), brown (10YR 5/3), dry, cobbles to 3-4", no odor	
										2				
										3			Lean gravel with silt (fill), dark brown (10YR 3/3), moist, no HC odor	
							6			4				
										5			Lean clay, dark brown (10YR 3/3), moist, low plasticity, roots present, low plasticity to 5.5' BGS, no odor	
										6			High Plasticity	
										7			moderate HC odor	
							210			8				
							305			9				
							95			10				
										11				
										12			no HC odor	
										13			odor change to brown (10YR 5/3), moist, no odor	
										14				
										15				
										16			Saturated 15'-16.5' BGS	
										17				
										18			color change to dark brown (10YR 3/3), moist, low plasticity, no odor	
										19				
										20				
										21			Sandy lean clay, olive gray (5Y 4/1), saturated, low plasticity, no odor	
										22				
										23			Gravelly lean clay, dark brown (10YR 3/3), wet, low plasticity, no odor	
										24				



LOG OF EXPLORATORY BORING


PROJECT: *Cerni Site*
 SHEET *2* OF *2*
 JOB NUMBER: *15-2212*
 BORING: *SB-15*
 DATE: *10/20/15*

FIELD LOCATION OF BORING:

N ↑

-  BENTONITE
-  CEMENT-BENTONITE GROUT
-  SAND
-  CONCRETE

LOGGED BY: *P. Talmadge* DRILLER: *NEWP*
 WELL CASING ELEVATION: *N/A*
 EQUIPMENT AND SPECIFICATIONS:
Hand Auger to 5'; Direct Push to Total Depth

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	DESCRIPTION	CASING CONSTRUCTION
							<i>0</i>			<i>25</i>			<i>Total Depth</i>	
										<i>26</i>				
										<i>27</i>				
										<i>28</i>				
										<i>29</i>				
										<i>30</i>				
										<i>31</i>				
										<i>32</i>				
										<i>33</i>				
										<i>34</i>				
										<i>35</i>				
										<i>36</i>				
										<i>37</i>				
										<i>38</i>				
										<i>39</i>				
										<i>40</i>				
										<i>41</i>				
										<i>42</i>				
										<i>43</i>				
										<i>44</i>				
										<i>45</i>				
										<i>46</i>				
										<i>47</i>				
										<i>48</i>				
										<i>49</i>				
										<i>50</i>				
										<i>51</i>				
										<i>52</i>				
										<i>53</i>				



LOG OF EXPLORATORY BORING

PROJECT:

Carri Site

SHEET 1 OF 1

JOB NUMBER: 15-2212

BORING: 5B-16

DATE: 10/20/15

FIELD LOCATION OF BORING:

N ↑

LOGGED BY: P. Tolmadye DRILLER: NEWP

WELL CASING ELEVATION: N/A

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to Total Depth

- BENTONITE
- CEMENT-BENTONITE
- GROUT
- SAND
- CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH				CASING CONSTRUCTION
													TIME	DATE			
													DESCRIPTION				
										1		asphalt					Casing Construction
							0			2		fine gravel with silt and sand, brown (10YR 5/3), dry, base rock to 3", no odor					
										3							
							0			4	cl	lean clay, dark brown (10YR 3/3), moist, low plasticity, no odor					
										5		high plasticity, moist, no odor					
							9.8			6							
										7		slight HC odor					
										8							
							8.0			9							
										10		moderate - strong HC odor					
										11							
							4.3			12							
										13		color change to brown (10YR 5/3), ~30% sand content, wet, no odor					
										14							
										15		Total Depth					
										16							
										17							
										18							
										19							
										20							
										21							
										22							
										23							



LOG OF EXPLORATORY BORING

PROJECT: *Carri Site*
 SHEET: *1* OF *1*
 BORING: *SB-17*
 JOB NUMBER: *15-2212*
 DATE: *10/20/15*

FIELD LOCATION OF BORING:

↑
N

LOGGED BY: *P. Talmadge* DRILLER: *NEWP*
 WELL CASING ELEVATION: *N/A*

- BENTONITE
- CEMENT-BENTONITE
- GROUT
- SAND
- CONCRETE

EQUIPMENT AND SPECIFICATIONS:
Hand Auger to 5', Direct Push to Total Depth

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH			CASING CONSTRUCTION	
													TIME	DATE			
													DESCRIPTION				
							0			1		Asphalt fin grained with silt and sand (fill), dark gray (A15) to dark brown (10YR 3/3), dry, no odor					
							0			2							
										3							
										4	CL	Lean clay, dark brown (10YR 3/3), moist, roots present, no HC odor					
										5							
										6		moderate to strong HC odor					
						250				7							
							388			8							
										9							
										10							
							276			11							
										12							
										13							
										14		color change to brown (10YR 5/3), 30% sand, wet, no HC odor					
										15		Total Depth					
										16							
										17							
										18							
										19							
										20							
										21							
										22							
										23							



LOG OF EXPLORATORY BORING

PROJECT:

Cerri Site

SHEET 1 OF 1

JOB NUMBER: *15-2212*

BORING: *SB-18*

DATE: *10/20/15*

FIELD LOCATION OF BORING:

↑

LOGGED BY: *P. Talmadge*


DRILLER: *NEWP*

WELL CASING ELEVATION: *N/A*

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to Total Depth.

-  BENTONITE
-  CEMENT-BENTONITE
-  GROUT
-  SAND
-  CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH				CASING CONSTRUCTION
													TIME	DATE	DESCRIPTION		
							0			1		Asphalt					
							0			2		lean gravel with sand and silt (fill), dark brown (to yr 3/3), moist, no odor					
							0			3	CL		lean clay, brown (to yr 5/3), moist, low plasticity, roots present, no odor				
							0			4		moist, high plasticity					
							0			5			slight HC odor from 8.5'-10.5' Bbs				
							98			6		color change to brown (to yr 5/3) mottled with olive gray (5 y 4/1), ~25% fine sand					
							15			7			Total Depth				
							15			8							
							0			9							
							0			10							
							0			11							
							0			12							
							0			13							
							0			14							
							0			15							
							0			16							
							0			17							
							0			18							
							0			19							
							0			20							
							0			21							
							0			22							
							0			23							



LOG OF EXPLORATORY BORING

PROJECT:

Cerri Site

SHEET 1 OF 1

JOB NUMBER: *15-2212*

BORING: *58-19*

DATE: *10/20/15*

FIELD LOCATION OF BORING:

↑ N

LOGGED BY: *P. Talmadge* DRILLER: *ACEWP*

WELL CASING ELEVATION: *N/A*

EQUIPMENT AND SPECIFICATIONS:

Hand Auger to 5', Direct Push to Total Depth.

-  BENTONITE
-  CEMENT-BENTONITE GROUT
-  SAND
-  CONCRETE

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH	TIME	DATE	DESCRIPTION	CASING CONSTRUCTION
										1						<i>asphalt</i>	Casing Construction
										2						<i>Lean gravel with silt (E10), brown (10 yr 5/3), dry, no odor</i>	
							<i>0</i>			3							
										4							
										5							
							<i>0</i>			6		<i>CL</i>				<i>Lean clay, dark brown (10 yr 5/3), moist, high plasticity, no odor</i>	
										7							
										8							
										9							
										10							
							<i>0</i>			11							
										12							
										13							
										14							
							<i>0</i>			15						<i>Total Depth</i>	
										16							
										17							
										18							
										19							
										20							
										21							
										22							
										23							



LOG OF EXPLORATORY BORING

PROJECT: Cerri Site SHEET 1 OF 1
 JOB NUMBER: 15-2212 BORING: SB-20
 DATE: 10/20/15

FIELD LOCATION OF BORING:

N ↑

LOGGED BY: P. Tolmadye DRILLER: NEWP
 WELL CASING ELEVATION: N/A
 EQUIPMENT AND SPECIFICATIONS:

- BENTONITE
- CEMENT-BENTONITE GROUT
- SAND
- CONCRETE

Hand Auger to refusal (~2'), Direct Push to total depth

SAMPLE COND.	SAMPLER TYPE	DRILLING RATE (ft./min.)	SIEVE SAMPLE	CHEMICAL ANALYSIS	STATIC WATER	INITIAL WATER	PID (ppm)	RECOVERY	BLOWS/6 in.	DEPTH	SAMPLE RECOVERY	SOIL GROUP USCS	WATER DEPTH	TIME	DATE	DESCRIPTION	CASING CONSTRUCTION
							0			1		Concrete					
							0			2		Peabonard with silt (fill), brown (10YR 5/3), moist, no odor					
							0			3							
							0			4							
							0			5		CL	Lean clay, dark brown (10YR 3/3), dry, no odor				
							0			6			Moist, high plasticity, no odor				
							8-6			7							
							86			8							
							0.3			9			Very slight HC odor				
							5			10							
										11							
										12							
										13			Sandy lean clay, brown (10YR 5/3), wet, no odor				
										14							
										15			Total Depth				
										16							
										17							
										18							
										19							
										20							
										21							
										22							
										23							

APPENDIX J

FIELD SAMPLING DOCUMENTATION

FIELD NOTES

15-2212

10/13/15

AIR SAMPLING

- **A-1**
 - North end of building
 - Sampling start at 9:17
 - 30" Hg
 - Canister: IC-A-105
 - Flow Restrictor Serial Number: 07724

- **A-2**
 - South end of building
 - Sampling start at 9:15
 - 30+'' Hg
 - Canister: IC-A-720
 - Flow Restrictor Serial Number: 00402

- **A-3**
 - Middle of building (SVOCs)
 - Sampling start at 9:35

- **O-1**
 - West of Railroad Track chained to fence post
 - Sampling start at 9:20
 - 30" Hg
 - Canister: IC-A-414
 - Flow Restrictor Serial Number: 01123

- **Wipes (Collected North to South)**
 - Slab Surface 1 @ 10:05
 - Slab Surface 2 @ 10:10
 - Slab Surface 3 @ 10:15
 - Slab Surface 4 @ 10:20
 - Slab Surface 5 @ 10:25
 - Slab Surface @ 10:30 (METALS)



FIELD DATA SHEET

Project No. : 2212				
Project Location: Purity				
Sample Point ID: SV-5		Date: 12-23		
Integrity Test:	Time Start:	10:43	Vac Start ("Hg):	29
	Time End:	10:53	Vac End:	29
Purge:	Time Start:	10:53	Vac Start:	29
	Volume Removed: 2L	Time End:	11:09	Vac End:
Sample SUMMA:	Time Start:	11:10	Vac Start:	30
	Time End:	11:18	Vac End:	0
Leak SUMMA:	Time Start:	11:10	Vac Start:	30
	Time End:	11:18	Vac End:	0
Leak Detection:	Spray 1 Time:	11:12	Spray 2 Time:	11:15
Sample Point ID: SV-6		Date: 12-23		
Integrity Test:	Time Start:	10:35	Vac Start ("Hg):	14
	Time End:	10:45	Vac End:	14
Purge:	Time Start:	10:45	Vac Start:	14
	Volume Removed: 2L	Time End:	11:01	Vac End:
Sample SUMMA:	Time Start:	11:01	Vac Start:	27
	Time End:	11:10	Vac End:	0
Leak SUMMA:	Time Start:	11:01	Vac Start:	28
	Time End:	11:10	Vac End:	0
Leak Detection:	Spray 1 Time:	11:02	Spray 2 Time:	11:06
Sample Point ID: SV-4		Date:		
Integrity Test:	Time Start:	10:40	Vac Start ("Hg):	30
	Time End:	10:58	Vac End:	30
Purge:	Time Start:	10:58	Vac Start:	30
	Volume Removed: 2L	Time End:	11:14	Vac End:
Sample SUMMA:	Time Start:	11:14	Vac Start:	30
	Time End:	11:22	Vac End:	0
Leak SUMMA:	Time Start:	11:14	Vac Start:	30
	Time End:	11:22	Vac End:	0
Leak Detection:	Spray 1 Time:	11:15	Spray 2 Time:	11:19
Sample Point ID:		Date:		
Integrity Test:	Time Start:		Vac Start ("Hg):	
	Time End:		Vac End:	
Purge:	Time Start:		Vac Start:	
	Volume Removed: 2L	Time End:	Vac End:	
Sample SUMMA:	Time Start:		Vac Start:	
	Time End:		Vac End:	
Leak SUMMA:	Time Start:		Vac Start:	
	Time End:		Vac End:	
Leak Detection:	Spray 1 Time:		Spray 2 Time:	
SAMPLE ANALYSIS: BTEX, Fuel Oxy's, 1,2-DCA, Naphthalene, TFA by EPA Method TO 15; Total Volatile Hydrocarbons as Hexane by EPA Method TO 3.				
LABORATORY: K Prime, Inc.				

NOTES:

NOTES:



FIELD DATA SHEET

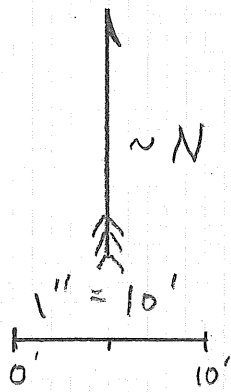
Project No. : 2312				
Project Location: Purity				
Sample Point ID: P-4			Date: 12-23	
Integrity Test:	Time Start:	8:38	Vac Start ("Hg):	29
	Time End:	8:48	Vac End:	29
Purge:	Time Start:	8:49	Vac Start:	29
	Volume Removed: 2L	Time End: 8:55 9:12	Vac End:	21
Sample SUMMA:	Time Start:	9:22	Vac Start:	29
	Time End:	9:32	Vac End:	13
Leak SUMMA:	Time Start:	9:22	Vac Start:	30
	Time End:	9:32	Vac End:	0
Leak Detection:	Spray 1 Time:	9:27	Spray 2 Time:	9:28
Sample Point ID: P-5			Date: 12-23-15	
Integrity Test:	Time Start:	8:40	Vac Start ("Hg):	29
	Time End:	8:50	Vac End:	29
Purge:	Time Start:	8:51	Vac Start:	29
	Volume Removed: 2L	Time End:	9:07	Vac End:
Sample SUMMA:	Time Start:	9:08	Vac Start:	28
	Time End:	9:16	Vac End:	0
Leak SUMMA:	Time Start:	9:08	Vac Start:	730
	Time End:	9:16	Vac End:	20
Leak Detection:	Spray 1 Time:	9:09	Spray 2 Time:	9:14
Sample Point ID: SU-7			Date: 12-23	
Integrity Test:	Time Start:	9:47	Vac Start ("Hg):	23
	Time End:	9:57	Vac End:	23
Purge:	Time Start:	9:57	Vac Start:	23
	Volume Removed: 2L	Time End:	10:12	Vac End:
Sample SUMMA:	Time Start:	10:12	Vac Start:	29
	Time End:	10:20	Vac End:	0
Leak SUMMA:	Time Start:	10:12	Vac Start:	29
	Time End:	10:20	Vac End:	0
Leak Detection:	Spray 1 Time:	10:13	Spray 2 Time:	10:18
Sample Point ID: SU-3			Date: 12-23-15	
Integrity Test:	Time Start:	9:55	Vac Start ("Hg):	19
	Time End:	10:05	Vac End:	19
Purge:	Time Start:	10:06	Vac Start:	19
	Volume Removed: 2L	Time End:	10:22	Vac End:
Sample SUMMA:	Time Start:	10:23	Vac Start:	30
	Time End:	10:31	Vac End:	0
Leak SUMMA:	Time Start:	10:23	Vac Start:	730
	Time End:	10:31	Vac End:	0
Leak Detection:	Spray 1 Time:	10:24	Spray 2 Time:	10:28
SAMPLE ANALYSIS: BTEX, Fuel Oxy's, 1,2-DCA, Naphthalene, TFA by EPA Method TO 15; Total Volatile Hydrocarbons as Hexane by EPA Method TO 3.				
LABORATORY: K Prime, Inc.				

NOTES:
- slow purge

NOTES:

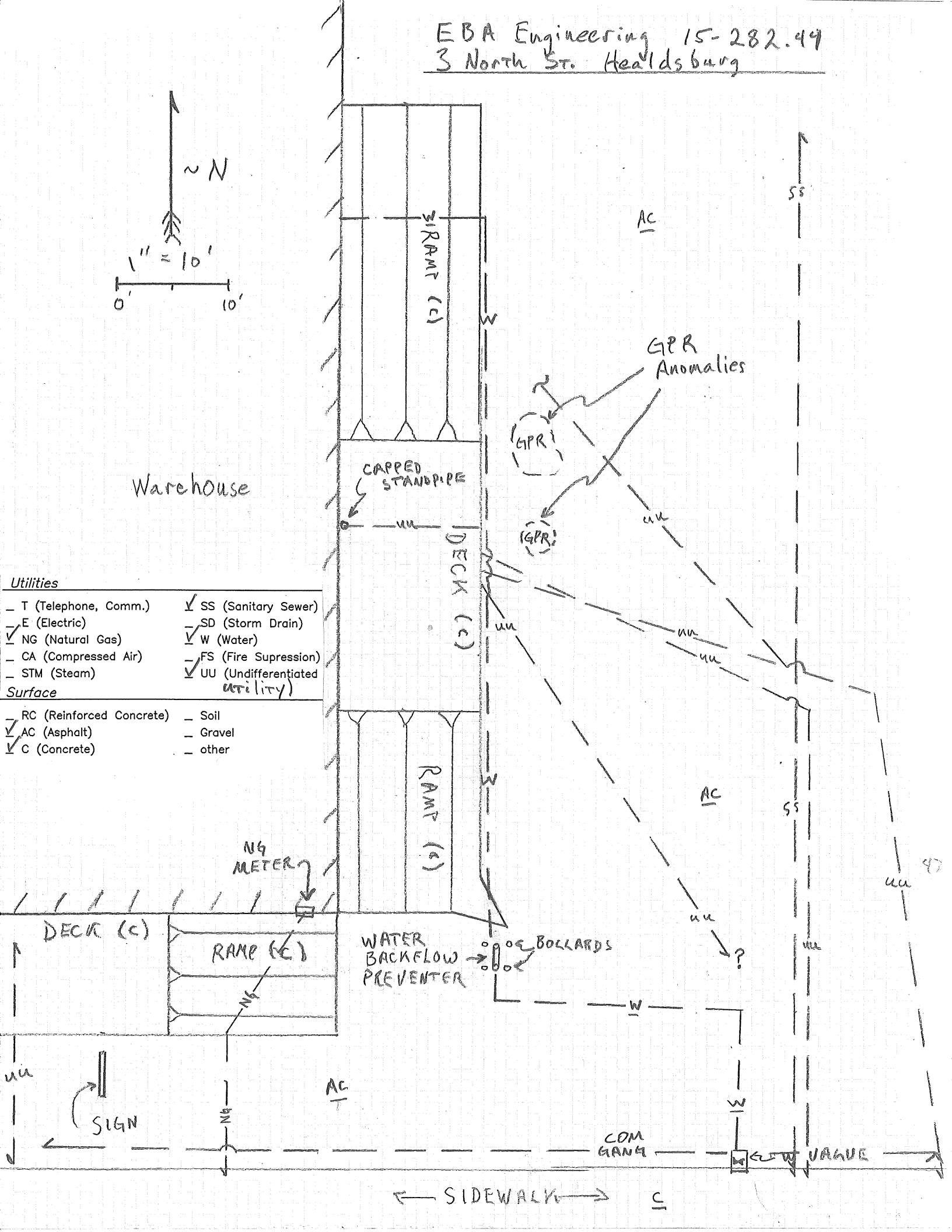


APPENDIX K
GEOPHYSICAL SURVEY MAP



Warehouse

Utilities	
- T (Telephone, Comm.)	✓ SS (Sanitary Sewer)
- E (Electric)	- SD (Storm Drain)
✓ NG (Natural Gas)	✓ W (Water)
- CA (Compressed Air)	- FS (Fire Suppression)
- STM (Steam)	✓ UU (Undifferentiated Utility)
Surface	
- RC (Reinforced Concrete)	- Soil
✓ AC (Asphalt)	- Gravel
✓ C (Concrete)	- other



APPENDIX L

TABULATED ANALYTICAL RESULTS

TABLE 1
COMPOSITE SOIL SAMPLE ANALYTICAL RESULTS
CERRI SITE
3 NORTH STREET, HEALDSBURG, CALIFORNIA

Analyte	Units	COMP-N-SHALLOW	COMP-S-SHALLOW	COMP-N-NATIVE	COMP-S-NATIVE	COMP-W-SHALLOW	COMP-E-SHALLOW
Acenaphthene	µg/kg	<330	<330	<330	<330	<330	<330
Acenaphthylene	µg/kg	<330	<330	<330	<330	<330	<330
Anthracene	µg/kg	<330	<330	<330	<330	<330	<330
Benzo (A) Anthracene	µg/kg	<330	<330	<330	<330	<330	<330
Benzo (B) Fluoranthene	µg/kg	<330	<330	<330	<330	<330	<330
Benzo (K) Fluoranthene	µg/kg	<330	<330	<330	<330	<330	<330
Benzo (A) Pyrene	µg/kg	<330	<330	<330	<330	<330	<330
Benzo (G,H,I) Perylene	µg/kg	<330	<330	<330	<330	<330	<330
Benzyl Alcohol	µg/kg	<330	<330	<330	<330	<330	<330
Butyl Benzyl Phthalate	µg/kg	<330	<330	<330	<330	<330	<330
Bis (2-Chloroethyl) Ether	µg/kg	<330	<330	<330	<330	<330	<330
Bis (2-Chloroethoxy) Methane	µg/kg	<330	<330	<330	<330	<330	<330
Bis (2-Chloroisopropyl) Ether	µg/kg	<330	<330	<330	<330	<330	<330
Bis (2-Ethylhexyl) Phthalate	µg/kg	<330	<330	<330	<330	<330	<330
4-Bromophenyl Phenyl Ether	µg/kg	<330	<330	<330	<330	<330	<330
4-Chloroaniline	µg/kg	<330	<330	<330	<330	<330	<330
2-Chloroanaphthalene	µg/kg	<330	<330	<330	<330	<330	<330
4-Chlorophenyl Phenyl Ether	µg/kg	<330	<330	<330	<330	<330	<330
Chrysene	µg/kg	<330	<330	<330	<330	<330	<330
Dibenzo (A,H) Anthracene	µg/kg	<330	<330	<330	<330	<330	<330
Debenzofuran	µg/kg	<330	<330	<330	<330	<330	<330
Di-N-Butylphthalate	µg/kg	<330	<330	<330	<330	<330	<330
1,2-Dichlorobenzene	µg/kg	<330	<330	<330	<330	<330	<330
1,3-Dichlorobenzene	µg/kg	<330	<330	<330	<330	<330	<330
1,4-Dichlorobenzene	µg/kg	<330	<330	<330	<330	<330	<330
3,3'-Dichlorobenzidine	µg/kg	<660	<660	<660	<660	<660	<660
Diethylphthalate	µg/kg	<330	<330	<330	<330	<330	<330
Dimethyl Phthalate	µg/kg	<330	<330	<330	<330	<330	<330
2,4-Dinitrotoluene	µg/kg	<330	<330	<330	<330	<330	<330
2,6-Dinitrotoluene	µg/kg	<330	<330	<330	<330	<330	<330
Di-N-Octyl Phthalate	µg/kg	<330	<330	<330	<330	<330	<330
Diphenylamine	µg/kg	<330	<330	<330	<330	<330	<330
Fluoranthene	µg/kg	<330	<330	<330	<330	<330	<330
Fluorene	µg/kg	<330	<330	<330	<330	<330	<330
Hexachlorobenzene	µg/kg	<330	<330	<330	<330	<330	<330
Hexachlorobutadiene	µg/kg	<330	<330	<330	<330	<330	<330
Hexachlorocyclopentadiene	µg/kg	<330	<330	<330	<330	<330	<330
Hexachloroethane	µg/kg	<330	<330	<330	<330	<330	<330
Indeno (1,2,3-CD) Pyrene	µg/kg	<330	<330	<330	<330	<330	<330
Isophorone	µg/kg	<330	<330	<330	<330	<330	<330
2-Methylnaphthalene	µg/kg	<330	<330	<330	<330	<330	<330
Naphthalene	µg/kg	<330	<330	<330	<330	<330	<330
2-Nitroaniline	µg/kg	<1600	<1600	<1600	<1600	<1600	<1600
3-Nitroaniline	µg/kg	<1600	<1600	<1600	<1600	<1600	<1600
4-Nitroaniline	µg/kg	<1600	<1600	<1600	<1600	<1600	<1600
Nitrobenzene	µg/kg	<330	<330	<330	<330	<330	<330
N-Nitroso-Di-N-Propylamine	µg/kg	<330	<330	<330	<330	<330	<330
N-Nitrosodiphenylamine	µg/kg	<330	<330	<330	<330	<330	<330
Phenanthrene	µg/kg	<330	<330	<330	<330	<330	<330
Pyrene	µg/kg	<330	<330	<330	<330	<330	<330
1,2,4-Trichlorobenzene	µg/kg	<330	<330	<330	<330	<330	<330
4-Chloro-3-Methylphenol	µg/kg	<660	<660	<660	<660	<660	<660
2-Chlorophenol	µg/kg	<660	<660	<660	<660	<660	<660
2,4-Dichlorophenol	µg/kg	<660	<660	<660	<660	<660	<660
2,4-Dimethylphenol	µg/kg	<1600	<1600	<1600	<1600	<1600	<1600
2,4-Dinitrophenol	µg/kg	<1600	<1600	<1600	<1600	<1600	<1600
4,6-Dinitro-2-Methylphenol	µg/kg	<1600	<1600	<1600	<1600	<1600	<1600
2-Nitrophenol	µg/kg	<1600	<1600	<1600	<1600	<1600	<1600
4-Nitrophenol	µg/kg	<1600	<1600	<1600	<1600	<1600	<1600
Pentachlorophenol	µg/kg	<1600	<1600	<1600	<1600	<1600	<1600
Phenol	µg/kg	<660	<660	<660	<660	<660	<660
2-Methylphenol	µg/kg	<660	<660	<660	<660	<660	<660
4-Methylphenol	µg/kg	<660	<660	<660	<660	<660	<660
2,4,5-Trichlorophenol	µg/kg	<1600	<1600	<1600	<1600	<1600	<1600
2,4,6-Trichlorophenol	µg/kg	<1600	<1600	<1600	<1600	<1600	<1600
TENTATIVELY IDENTIFIED COMPOUNDS	µg/kg	<330	<330	<330	<330	<330	<330

µg/kg = Micrograms per Kilogram.



**TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
CERRI SITE
3 NORTH STREET, HEALDSBURG, CA**

Analyte	Units	SB-6-14 10/19/2015	SV-2-2 10/19/2015	SV-2-5	SB-15-9.5	SB-16-10	COMP-N-SHALLOW	COMP-S-SHALLOW	COMP-N-NATIVE	COMP-S-NATIVE 10/20/2015
GRO	mg/kg	17.0	<1.00	<1.00	283	925	NA	NA	NA	NA
DRO	mg/kg	NA	<10.0	<10.0	32.3	39.0	NA	NA	NA	NA
Dichlorodifluoromethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Chloromethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	1.37	<1.49	<1.44	<1.27
Vinyl Chloride	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Bromomethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Chloroethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Trichlorofluoromethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,1-Dichloroethene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Trichlorotrifluoroethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Methylene Chloride	µg/kg	<102	<8.03	<7.70	<2,530	<4,830	<6.38	<7.43	<7.18	<6.35
trans-1,2-Dichloroethene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,1-Dichloroethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
cis-1,2-Dichloroethene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
2,2-Dichloropropane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Bromochloromethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Chloroform	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,1,1-Trichloroethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Carbon Tetrachloride	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,1-Dichloropropene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Benzene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,2-Dichloroethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Trichloroethene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,2-Dichloropropane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Dibromomethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Bromodichloromethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
trans-1,3-Dichloropropene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Toluene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
cis-1,3-Dichloropropene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,1,2-Trichloroethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Tetrachloroethene	µg/kg	54.6	3.34	1.98	<505	<965	<1.28	<1.49	<1.44	<1.27
1,3-Dichloropropane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Dibromochloromethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,2-Dibromoethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Chlorobenzene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,1,1,2-Tetrachloroethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Ethylbenzene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Xylene (M+P)	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Xylene (O)	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Styrene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Bromoform	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Isopropylbenzene	µg/kg	<20.3	<1.61	<1.54	<505	2,360	<1.28	<1.49	<1.44	<1.27
1,1,2,2-Tetrachloroethane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Bromobenzene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,2,3-Trichloropropane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
n-Propylbenzene	µg/kg	<20.3	<1.61	<1.54	1,140	11,800	<1.28	<1.49	<1.44	<1.27
2-Chlorotoluene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,3,5-Trimethylbenzene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
4-Chlorotoluene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
tert-Butylbenzene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,2,4-Trimethylbenzene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
Sec-Butylbenzene	µg/kg	<20.3	<1.61	<1.54	<505	1,330	<1.28	<1.49	<1.44	<1.27
1,3-Dichlorobenzene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
4-Isopropyltoluene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,4-Dichlorobenzene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
N-Butylbenzene	µg/kg	<20.3	<1.61	<1.54	632	4,260	<1.28	<1.49	<1.44	<1.27
1,2-Dichlorobenzene	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,2-Dibromo-3-Chloropropane	µg/kg	<20.3	<1.61	<1.54	<505	<965	<1.28	<1.49	<1.44	<1.27
1,2,4-Trichlorobenzene	µg/kg	<40.6	<3.21	<3.08	<1010	<1,930	<2.55	<2.97	<2.87	<2.54
Hexachlorobutadiene	µg/kg	<40.6	<3.21	<3.08	<1010	<1,930	<2.55	<2.97	<2.87	<2.54
Naphthalene	µg/kg	<40.6	<3.21	<3.08	<1010	3,580	<2.55	<2.97	<2.87	<2.54
1,2,3-Trichlorobenzene	µg/kg	<40.6	<3.21	<3.08	<1010	<1,930	<2.55	<2.97	<2.87	<2.54

GRO = Gasoline Range Organics.

DRO = Diesel Range Organics.

µg/kg = micrograms per kilogram.

TABLE 3
CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS
CERRI SITE
3 NORTH STREET, HEALDSBURG, CALIFORNIA

Analyte	Units	RSL	SB-15-9.5	SB-16-10	COMP-N-SHALLOW	COMP-S-SHALLOW	COMP-N-NATIVE	COMP-S-NATIVE	COMP-W-SHALLOW	COMP-E-SHALLOW
Antimony	mg/kg	47	NA	NA	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
Arsenic	mg/kg	3.0	NA	NA	3.46	2.91	6.03	5.74	4.43	6.66
Barium	mg/kg	22,000	NA	NA	123	97.1	193	187	76.9	261
Beryllium	mg/kg	230	NA	NA	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
Cadmium	mg/kg	98	NA	NA	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
Chromium	mg/kg	NL	NA	NA	56.4	50.6	82.4	81.3	58.4	86.6
Cobalt	mg/kg	35	NA	NA	28.2	15.60	19.6	17.8	9.27	17.6
Copper	mg/kg	4,700	NA	NA	33.5	21.2	34.7	36.5	18.5	59.3
Lead	mg/kg	800	9.24	9.39	14.7	7.94	11.6	42.5	9.35	105
Mercury	mg/kg	4.0	NA	NA	0.197	<0.100	<0.100	0.267	<1.00	0.206
Molybdenum	mg/kg	580	NA	NA	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
Nickel	mg/kg		NA	NA	72.5	64.5	116	111	59.7	117
Selenium	mg/kg	580	NA	NA	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
Silver	mg/kg	580	NA	NA	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
Thallium	mg/kg		NA	NA	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
Vanadium	mg/kg	580	NA	NA	48.8	42.1	53.3	54.0	39.2	55.2
Zinc	mg/kg	35,000	NA	NA	52.2	44.2	65.0	75.6	87.2	175

CAM= California Assessment Manual

mg/kg = milligrams per kilogram

RSL = Regional Screening Level.

TABLE 4
GROUNDWATER GRAB SAMPLE ANALYTICAL RESULTS
CERRI SITE
3 NORTH STREET, HEALDSBURG, CA

Analyte	Units	SB-2-W 10/19/2015	SB-6-W 10/19/2015	SB-8-W 10/20/2015	SB-15-W 10/20/2015
GRO	µg/L	<50	69	<50	<50
DRO	µg/L	<53	NA	NA	<63
Dichlorodifluoromethane	µg/L	<0.500	<0.500	<0.500	0.950
Chloromethane	µg/L	<0.500	<0.500	<0.500	<0.500
Vinyl Chloride	µg/L	<0.500	<0.500	<0.500	<0.500
Bromomethane	µg/L	<0.500	<0.500	<0.500	<0.500
Chloroethane	µg/L	<0.500	<0.500	<0.500	<0.500
Trichlorofluoromethane	µg/L	<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethene	µg/L	<0.500	<0.500	<0.500	<0.500
Trichlorotrifluoroethane	µg/L	<0.500	<0.500	<0.500	<0.500
Methylene Chloride	µg/L	<2.50	<2.50	<2.50	<2.50
trans-1,2-Dichloroethene	µg/L	<0.500	<0.500	<0.500	<0.500
1,1-Dichloroethane	µg/L	<0.500	<0.500	<0.500	<0.500
cis-1,2-Dichloroethene	µg/L	<0.500	<0.500	<0.500	<0.500
2,2-Dichloropropane	µg/L	<0.500	<0.500	<0.500	<0.500
Bromochloromethane	µg/L	<0.500	<0.500	<0.500	<0.500
Chloroform	µg/L	<0.500	<0.500	<0.500	<0.500
1,1,1-Trichloroethane	µg/L	<0.500	<0.500	<0.500	<0.500
Carbon Tetrachloride	µg/L	<0.500	<0.500	<0.500	<0.500
1,1-Dichloropropene	µg/L	<0.500	<0.500	<0.500	<0.500
Benzene	µg/L	<0.500	<0.500	<0.500	<0.500
1,2-Dichloroethane	µg/L	<0.500	<0.500	<0.500	<0.500
Trichloroethene	µg/L	<0.500	<0.500	<0.500	<0.500
1,2-Dichloropropane	µg/L	<0.500	<0.500	<0.500	<0.500
Dibromomethane	µg/L	<0.500	<0.500	<0.500	<0.500
Bromodichloromethane	µg/L	<0.500	<0.500	<0.500	<0.500
trans-1,3-Dichloropropene	µg/L	<0.500	<0.500	<0.500	<0.500
Toluene	µg/L	<0.500	<0.500	<0.500	<0.500
cis-1,3-Dichloropropene	µg/L	<0.500	<0.500	<0.500	<0.500
1,1,2-Trichloroethane	µg/L	<0.500	<0.500	<0.500	<0.500
Tetrachloroethene	µg/L	<0.500	<0.500	<0.500	<0.500
1,3-Dichloropropane	µg/L	<0.500	<0.500	<0.500	<0.500
Dibromochloromethane	µg/L	<0.500	<0.500	<0.500	<0.500
1,2-Dibromoethane	µg/L	<0.500	<0.500	<0.500	<0.500
Chlorobenzene	µg/L	<0.500	<0.500	<0.500	<0.500
1,1,1,2-Tetrachloroethane	µg/L	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	µg/L	<0.500	<0.500	<0.500	<0.500
Xylene (M+P)	µg/L	<0.500	<0.500	<0.500	<0.500
Xylene (O)	µg/L	<0.500	<0.500	<0.500	<0.500
Styrene	µg/L	<0.500	<0.500	<0.500	<0.500
Bromoform	µg/L	<0.500	<0.500	<0.500	<0.500
Isopropylbenzene	µg/L	<0.500	<0.500	<0.500	<0.500
1,1,2,2-Tetrachloroethane	µg/L	<0.500	<0.500	<0.500	<0.500
Bromobenzene	µg/L	<0.500	<0.500	<0.500	<0.500
1,2,3-Trichloropropane	µg/L	<0.500	<0.500	<0.500	<0.500
n-Propylbenzene	µg/L	<0.500	<0.500	<0.500	1.03
2-Chlorotoluene	µg/L	<0.500	<0.500	<0.500	<0.500
1,3,5-Trimethylbenzene	µg/L	<0.500	<0.500	<0.500	<0.500
4-Chlorortoluene	µg/L	<0.500	<0.500	<0.500	<0.500
tert-Butylbenzene	µg/L	<0.500	<0.500	<0.500	<0.500
1,2,4-Trimethylbenzene	µg/L	<0.500	<0.500	<0.500	<0.500
Sec-Butylbenzene	µg/L	<0.500	<0.500	<0.500	<0.500
1,3-Dichlorobenzene	µg/L	<0.500	<0.500	<0.500	<0.500
4-Isopropyltoluene	µg/L	<0.500	<0.500	<0.500	<0.500
1,4-Dichlorobenzene	µg/L	<0.500	<0.500	<0.500	<0.500
N-Butylbenzene	µg/L	<0.500	<0.500	<0.500	<0.500
1,2-Dichlorobenzene	µg/L	<0.500	<0.500	<0.500	<0.500
1,2-Dibromo-3-Chloropropane	µg/L	<0.500	<0.500	<0.500	<0.500
1,2,4-Trichlorobenzene	µg/L	<1.00	<1.00	<1.00	<1.00
Hexachlorobutadiene	µg/L	<1.00	<1.00	<1.00	<1.00
Naphthalene	µg/L	<1.00	<1.00	<1.00	<1.00
1,2,3-Trichlorobenzene	µg/L	<1.00	<1.00	<1.00	<1.00

GRO = Gasoline Range Organics.

DRO = Diesel Range Organics.

µg/L = micrograms per liter.

TABLE 5
SOIL VAPOR PROBE SAMPLE RESULTS
CERRI SITE
3 NORTH STREET, HEALDSBURG, CALIFORNIA

Analyte	Units	SV-1 10/20/2015	SV-2 10/15/2015	SV-3 12/23/2015	SV-4 12/23/2015	SV-5 12/23/2015	SV-6 12/23/2015	SV-7 12/23/2015
TVH-Hexane	µg/m ³	<17,600	<17,600	NA	NA	NA	NA	NA
Dichlorodifluoromethane	µg/m ³	<4.95	<4.95	NA	NA	NA	NA	NA
Dichlorotetrafluoroethane	µg/m ³	<6.99	<6.99	NA	NA	NA	NA	NA
Chloromethane	µg/m ³	<2.07	<2.07	NA	NA	NA	NA	NA
Vinyl Chloride	µg/m ³	<2.56	<2.56	<5.11	<2.56	<5.11	<2.56	<2.56
Bromomethane	µg/m ³	<3.88	<3.88	NA	NA	NA	NA	NA
Chloroethane	µg/m ³	<2.64	<2.64	NA	NA	NA	NA	NA
Trichlorofluoromethane	µg/m ³	<5.62	<5.62	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/m ³	<3.97	<3.97	NA	NA	NA	NA	NA
Trichlorotrifluoroethane	µg/m ³	<7.66	<7.66	NA	NA	NA	NA	NA
Methylene Chloride	µg/m ³	<3.47	<3.47	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/m ³	<4.05	<4.05	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/m ³	<3.97	5.31	<7.93	<3.97	<7.93	<3.97	<3.97
Chloroform	µg/m ³	47.6	<4.88	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	µg/m ³	<5.46	<5.46	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/m ³	<6.29	<6.29	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/m ³	<4.05	<4.05	NA	NA	NA	NA	NA
Benzene	µg/m ³	3.42	<3.19	NA	NA	NA	NA	NA
Trichloroethene	µg/m ³	<5.37	<5.37	<10.7	<5.37	<10.7	<5.37	<5.37
1,2-Dichloropropane	µg/m ³	<4.62	<4.62	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	µg/m ³	<4.54	<4.54	NA	NA	NA	NA	NA
Toluene	µg/m ³	8.82	<3.77	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	µg/m ³	<4.54	<4.54	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/m ³	<5.46	<5.46	NA	NA	NA	NA	NA
Tetrachloroethene	µg/m ³	29.1	1,850	20	41.1	17.3	143	61.7
1,2-Dibromoethane	µg/m ³	<7.68	<7.68	NA	NA	NA	NA	NA
Chlorobenzene	µg/m ³	<4.60	<4.60	NA	NA	NA	NA	NA
Ethylbenzene	µg/m ³	<4.34	<4.34	NA	NA	NA	NA	NA
Xylene (M+P)	µg/m ³	14.9	<4.34	NA	NA	NA	NA	NA
Xylene (O)	µg/m ³	5.60	<4.34	NA	NA	NA	NA	NA
Styrene	µg/m ³	8.22	<4.26	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/m ³	<6.87	<6.87	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/m ³	<4.92	<4.92	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/m ³	13.9	<4.92	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/m ³	<6.01	<6.01	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/m ³	<6.01	<6.01	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/m ³	<6.01	<6.01	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/m ³	<14.8	<14.8	NA	NA	NA	NA	NA
Hexachlorobutadiene	µg/m ³	<10.7	<10.7	NA	NA	NA	NA	NA

TVH-Hexane = Total Volatile Hydrocarbons as Hexane.
µg/kg = Micrograms per Kilogram.



TABLE 6
SUB-SLAB VAPOR PROBE SAMPLE RESULTS
CERRI SITE
3 NORTH STREET, HEALDSBURG, CALIFORNIA

Analyte	Units	P-1 10/13/2015	P-2 10/13/2015	P-3 10/13/2015	P-4 12/23/2015	P-5 12/23/2015
Dichlorodifluoromethane	µg/m ³	<4.95	<4.95	<4.95	NA	NA
Dichlorotetrafluoroethane	µg/m ³	<6.99	<6.99	<6.99	NA	NA
Chloromethane	µg/m ³	<2.07	<2.07	<2.07	NA	NA
Vinyl Chloride	µg/m ³	<2.56	<2.56	<2.56	<3.83	<2.56
Bromomethane	µg/m ³	<3.88	<3.88	<3.88	NA	NA
Chloroethane	µg/m ³	<2.64	<2.64	<2.64	NA	NA
Trichlorofluoromethane	µg/m ³	<5.62	<5.62	<5.62	NA	NA
1,1-Dichloroethene	µg/m ³	<3.97	<3.97	<3.97	NA	NA
Trichlorotrifluoroethane	µg/m ³	<7.66	<7.66	<7.66	NA	NA
Methylene Chloride	µg/m ³	<3.47	<3.47	<3.47	NA	NA
1,1-Dichloroethane	µg/m ³	<4.05	<4.05	<4.05	NA	NA
cis-1,2-Dichloroethene	µg/m ³	<3.97	<3.97	<3.97	<5.95	<3.97
Chloroform	µg/m ³	<4.88	<4.88	<4.88	NA	NA
1,1,1-Trichloroethane	µg/m ³	<5.46	<5.46	<5.46	NA	NA
Carbon Tetrachloride	µg/m ³	<6.29	<6.29	<6.29	NA	NA
1,2-Dichloroethane	µg/m ³	<4.05	<4.05	<4.05	NA	NA
Benzene	µg/m ³	<3.19	<3.19	<3.19	NA	NA
Trichloroethene	µg/m ³	<5.37	<5.37	<5.37	<8.06	<5.37
1,2-Dichloropropane	µg/m ³	<4.62	<4.62	<4.62	NA	NA
trans-1,3-Dichloropropene	µg/m ³	<4.54	<4.54	<4.54	NA	NA
Toluene	µg/m ³	<3.77	8.48	<3.77	NA	NA
cis-1,3-Dichloropropene	µg/m ³	<4.54	<4.54	<4.54	NA	NA
1,1,2-Trichloroethane	µg/m ³	<5.46	<5.46	<5.46	NA	NA
Tetrachloroethene	µg/m ³	<6.76	<6.76	80.5	<10.2	<6.78
1,2-Dibromoethane	µg/m ³	<7.68	<7.68	<7.68	NA	NA
Chlorobenzene	µg/m ³	<4.60	<4.60	<4.60	NA	NA
Ethylbenzene	µg/m ³	<4.34	<4.34	<4.34	NA	NA
Xylene (M+P)	µg/m ³	<4.34	<4.34	<4.34	NA	NA
Xylene (O)	µg/m ³	<4.34	<4.34	<4.34	NA	NA
Styrene	µg/m ³	<4.26	<4.26	<4.26	NA	NA
1,1,2,2-Tetrachloroethane	µg/m ³	<6.87	<6.87	<6.87	NA	NA
1,3,5-Trimethylbenzene	µg/m ³	<4.92	<4.92	<4.92	NA	NA
1,2,4-Trimethylbenzene	µg/m ³	<4.92	<4.92	<4.92	NA	NA
1,3-Dichlorobenzene	µg/m ³	<6.01	<6.01	<6.01	NA	NA
1,4-Dichlorobenzene	µg/m ³	<6.01	<6.01	<6.01	NA	NA
1,2-Dichlorobenzene	µg/m ³	<6.01	<6.01	<6.01	NA	NA
1,2,4-Trichlorobenzene	µg/m ³	<14.8	<14.8	<14.8	NA	NA
Hexachlorobutadiene	µg/m ³	<10.7	<10.7	<10.7	NA	NA

TABLE 7
SOIL VAPOR AND SUB-SLAB VAPOR SAMPLE ANALYTICAL RESULTS
LEAK CHECK COMPOUND (DFA)
3 NORTH STREET, HEALDSBURG, CA

Sample Location ID	Sample ID	Date	Leak Check Compound (DFA)
			(PPMV)
SV-1	SV-1	10/20/2015	<10.0
	SV-1-LEAK ⁽¹⁾	10/20/2015	1,690
SV-2	SV-2	10/15/2015	<10.0
	SV-2-LEAK ⁽¹⁾	10/15/2015	996
SV-3	SV-3	12/23/2015	<10.0
	SV-3-LEAK ⁽¹⁾	12/23/2015	920
SV-4	SV-4	12/23/2015	<10.0
	SV-4-LEAK ⁽¹⁾	12/23/2015	1,220
SV-5	SV-5	12/23/2015	<10.0
	SV-5-LEAK ⁽¹⁾	12/23/2015	760
SV-6	SV-6	12/23/2015	<10.0
	SV-6-LEAK ⁽¹⁾	12/23/2015	893
SV-7	SV-7	12/23/2015	<10.0
	SV-7-LEAK ⁽¹⁾	12/23/2015	517
P-1	P-1	10/13/2015	<10.0
	P-1-LEAK ⁽¹⁾	10/13/2015	2,280
P-2	P-2	10/13/2015	255
	P-2-LEAK ⁽¹⁾	10/13/2015	2,990
P-3	P-3	10/13/2015	<10.0
	P-3-LEAK ⁽¹⁾	10/13/2015	2,570
P-4	P-4	12/23/2015	31.1
	P-4-LEAK ⁽¹⁾	12/23/2015	1,720.0
P-5	P-5	12/23/2015	<10.0
	P-5-LEAK ⁽¹⁾	12/23/2015	2,000

PPMV = Parts per million by volume.

DFA = 1,1-Difluoroethane.

(1) = Leak Summa[®] Canister.

TABLE 8
CONCRETE SLAB WIPE SAMPLE ANALYTICAL RESULTS
CERRI BUILDING
3 NORTH STREET, HEALDSBURG, CALIFORNIA

Analyte	Units	ESLs	SLAB SURFACE 1 10/13/2015	SLAB SURFACE 2 10/13/2015	SLAB SURFACE 3 10/13/2015	SLAB SURFACE 4 10/13/2015	SLAB SURFACE 5 10/13/2015
Acenaphthene	µg/WIPE	16,000	<2.50	<2.50	<2.50	<2.50	<2.50
Acenaphthylene	µg/WIPE	13,000	<2.50	<2.50	<2.50	<2.50	<2.50
Anthracene	µg/WIPE	2,800	<2.50	<2.50	<2.50	<2.50	<2.50
Benzo (A) Anthracene	µg/WIPE	380	<2.50	<2.50	<2.50	<2.50	<2.50
Benzo (B) Fluoranthene	µg/WIPE	380	<2.50	<2.50	<2.50	<2.50	<2.50
Benzo (K) Fluoranthene	µg/WIPE	380	<2.50	<2.50	<2.50	<2.50	<2.50
Benzo (A) Pyrene	µg/WIPE	38	<2.50	<2.50	<2.50	<2.50	<2.50
Benzo (G,H,I) Perylene	µg/WIPE	27,000	<2.50	<2.50	<2.50	<2.50	<2.50
Benzyl Alcohol	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
Butyl Benzyl Phthalate	µg/WIPE	NA	7.85	<2.50	8.93	7.52	4.83
Bis (2-Chloroethyl) Ether	µg/WIPE	0.07	<2.50	<2.50	<2.50	<2.50	<2.50
Bis (2-Chloroethoxy) Methane	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
Bis (2-Chloroisopropyl) Ether	µg/WIPE	130	<2.50	<2.50	<2.50	<2.50	<2.50
Bis (2-Ethylhexyl) Phthalate	µg/WIPE	160,000	39.6	16.8	26.0	52.4	22.6
4-Bromophenyl Phenyl Ether	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
4-Chloroaniline	µg/WIPE	53	<2.50	<2.50	<2.50	<2.50	<2.50
2-Chloroanaphthalene	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
4-Chlorophenyl Phenyl Ether	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
Chrysene	µg/WIPE	3,800	<2.50	<2.50	<2.50	<2.50	<2.50
Dibenzo (A,H) Anthracene	µg/WIPE	110	<2.50	<2.50	<2.50	<2.50	<2.50
Debenzofuran	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
Di-N-Butylphthalate	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
1,2-Dichlorobenzene	µg/WIPE	1,100	<2.50	<2.50	<2.50	<2.50	<2.50
1,3-Dichlorobenzene	µg/WIPE	7,400	<2.50	<2.50	<2.50	<2.50	<2.50
1,4-Dichlorobenzene	µg/WIPE	590	<2.50	<2.50	<2.50	<2.50	<2.50
3,3'-Dichlorobenzidine	µg/WIPE	1.5	<2.50	<2.50	<2.50	<2.50	<2.50
Diethylphthalate	µg/WIPE	3.5	<2.50	<2.50	<2.50	<2.50	<2.50
Dimethyl Phthalate	µg/WIPE	3.5	<2.50	<2.50	<2.50	<2.50	<2.50
2,4-Dinitrotoluene	µg/WIPE	0.74	<2.50	<2.50	<2.50	<2.50	<2.50
2,6-Dinitrotoluene	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
Di-N-Octyl Phthalate	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
Diphenylamine	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
Fluoranthene	µg/WIPE	40,000	<2.50	<2.50	<2.50	<2.50	<2.50
Fluorene	µg/WIPE	8,900	<2.50	<2.50	<2.50	<2.50	<2.50
Hexachlorobenzene	µg/WIPE	310	<2.50	<2.50	<2.50	<2.50	<2.50
Hexachlorobutadiene	µg/WIPE	450	<2.50	<2.50	<2.50	<2.50	<2.50
Hexachlorocyclopentadiene	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
Hexachloroethane	µg/WIPE	5,800	<2.50	<2.50	<2.50	<2.50	<2.50
Indeno (1,2,3-CD) Pyrene	µg/WIPE	380	<2.50	<2.50	<2.50	<2.50	<2.50
Isophorone	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
2-Methylnaphthalene	µg/WIPE	250	<2.50	<2.50	<2.50	<2.50	<2.50
Naphthalene	µg/WIPE	1,200	<2.50	<2.50	<2.50	<2.50	<2.50
2-Nitroaniline	µg/WIPE	NA	<12.5	<12.5	<12.5	<12.5	<12.5
3-Nitroaniline	µg/WIPE	NA	<12.5	<12.5	<12.5	<12.5	<12.5
4-Nitroaniline	µg/WIPE	NA	<12.5	<12.5	<12.5	<12.5	<12.5
Nitrobenzene	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
N-Nitroso-Di-N-Propylamine	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
N-Nitrosodiphenylamine	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
Phenanthrene	µg/WIPE	11,000	<2.50	<2.50	<2.50	<2.50	<2.50
Pyrene	µg/WIPE	85,000	<2.50	<2.50	<2.50	<2.50	<2.50
1,2,4-Trichlorobenzene	µg/WIPE	1,500	<2.50	<2.50	<2.50	<2.50	<2.50
4-Chloro-3-Methylphenol	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
2-Chlorophenol	µg/WIPE	NA	<2.50	<2.50	<2.50	<2.50	<2.50
2,4-Dichlorophenol	µg/WIPE	380	<2.50	<2.50	<2.50	<2.50	<2.50
2,4-Dimethylphenol	µg/WIPE	670	<2.50	<2.50	<2.50	<2.50	<2.50
2,4-Dinitrophenol	µg/WIPE	42	<12.5	<12.5	<12.5	<12.5	<12.5
4,6-Dinitro-2-Methylphenol	µg/WIPE	NA	<12.5	<12.5	<12.5	<12.5	<12.5
2-Nitrophenol	µg/WIPE	NA	<12.5	<12.5	<12.5	<12.5	<12.5
4-Nitrophenol	µg/WIPE	NA	<12.5	<12.5	<12.5	<12.5	<12.5
Pentachlorophenol	µg/WIPE	3,000	<12.5	<12.5	<12.5	<12.5	<12.5
Phenol	µg/WIPE	76	<5.00	<5.00	<5.00	<5.00	<5.00
2-Methylphenol	µg/WIPE	NA	<5.00	<5.00	<5.00	<5.00	<5.00
4-Methylphenol	µg/WIPE	NA	<5.00	<5.00	<5.00	<5.00	<5.00
2,4,5-Trichlorophenol	µg/WIPE	180	<12.5	<12.5	<12.5	<12.5	<12.5
2,4,6-Trichlorophenol	µg/WIPE	520	<12.5	<12.5	<12.5	<12.5	<12.5
Tentatively Identified Compounds	µg/WIPE		<12.5				
Tetradecanoic Acid	µg/WIPE			12.9		14.3	
Butanamid, 2-Hydrox-N,2,3,3-Tetramethyl	µg/WIPE				22.9		
Octadecanoic Acid	µg/WIPE				125		
N-Hexadecanoic Acid	µg/WIPE						120

TABLE 9
CONCRETE SLAB WIPE ANALYTICAL RESULTS
CERRI SITE
3 NORTH STREET, HEALDSBURG, CALIFORNIA

Analyte	Units	SLAB SURFACE 10/13/2015
Antimony	ug/WIPE	3.37
Arsenic	ug/WIPE	10.8
Barium	ug/WIPE	186
Beryllium	ug/WIPE	<0.500
Cadmium	ug/WIPE	2.16
Chromium	ug/WIPE	51.2
Cobalt	ug/WIPE	10.5
Copper	ug/WIPE	206
Lead	ug/WIPE	131
Mercury	ug/WIPE	0.102
Molybdenum	ug/WIPE	3.17
Nickel	ug/WIPE	65.7
Selenium	ug/WIPE	<0.500
Silver	ug/WIPE	<0.500
Thallium	ug/WIPE	<0.500
Vanadium	ug/WIPE	38.0
Zinc	ug/WIPE	2,840

CAM= California Assessment Manual

ug/WIPE = micrograms per wipe



TABLE 10
INDOOR/OUTDOOR AIR SAMPLE RESULTS
CERRI SITE
3 NORTH STREET, HEALDSBURG, CALIFORNIA

Analyte	Units	A-1 10/13/2015	A-2 10/13/2015	O-1 10/13/2015
Dichlorodifluoromethane	µg/m ³	1.94	1.67	1.71
Dichlorotetrafluoroethane	µg/m ³	<0.140	0.0872	0.0903
Chloromethane	µg/m ³	0.691	0.570	0.610
Vinyl Chloride	µg/m ³	<0.0511	<0.0256	<0.0256
Bromomethane	µg/m ³	<0.0777	<0.0388	<0.0388
Chloroethane	µg/m ³	<0.0528	<0.0264	<0.0264
Trichlorofluoromethane	µg/m ³	0.914	0.829	0.808
1,1-Dichloroethene	µg/m ³	<0.0793	<0.0397	<0.0397
Trichlorotrifluoroethane	µg/m ³	<0.766	<0.383	<0.383
Methylene Chloride	µg/m ³	<0.695	<0.347	<0.347
1,1-Dichloroethane	µg/m ³	<0.0810	<0.0405	<0.0405
cis-1,2-Dichloroethene	µg/m ³	<0.0793	<0.0397	<0.0397
Chloroform	µg/m ³	0.126	0.0892	0.0677
1,1,1-Trichloroethane	µg/m ³	<0.109	<0.0546	<0.0546
1,2-Dichloroethane	µg/m ³	<0.0809	<0.0405	<0.0405
Benzene	µg/m ³	0.483	0.361	0.320
Carbon Tetrachloride	µg/m ³	0.280	0.301	0.259
1,2-Dichloropropane	µg/m ³	<0.0924	<0.0462	<0.0462
Trichloroethene	µg/m ³	<0.107	<0.0537	<0.0537
trans-1,3-Dichloropropene	µg/m ³	<0.0908	0.0855	0.118
cis-1,3-Dichloropropene	µg/m ³	<0.0908	<0.0454	0.0623
Toluene	µg/m ³	1.49	0.834	0.892
1,1,2-Trichloroethane	µg/m ³	<0.109	<0.0546	<0.0546
1,2-Dibromoethane	µg/m ³	<0.154	<0.0768	<0.0768
Tetrachloroethene	µg/m ³	0.163	<0.0678	<0.0678
Chlorobenzene	µg/m ³	<0.0921	<0.0460	<0.0460
Ethylbenzene	µg/m ³	0.466	0.208	0.204
Xylene (M+P)	µg/m ³	1.58	0.625	0.667
Styrene	µg/m ³	<1.52	0.0819	0.142
Xylene (O)	µg/m ³	0.322	0.207	0.286
1,1,2,2-Tetrachloroethane	µg/m ³	<0.137	<0.0687	<0.0687
1,3,5-Trimethylbenzene	µg/m ³	0.274	0.0566	0.147
1,2,4-Trimethylbenzene	µg/m ³	0.808	0.146	0.46
1,3-Dichlorobenzene	µg/m ³	<0.120	<0.0601	<0.0601
1,4-Dichlorobenzene	µg/m ³	<0.120	<0.0601	<0.0601
1,2-Dichlorobenzene	µg/m ³	<0.120	<0.0601	<0.0601
1,2,4-Trichlorobenzene	µg/m ³	<0.148	<0.0742	<0.0742
Hexachlorobutadiene	µg/m ³	<0.213	<0.107	<0.107

µg/m³ = Micrograms per cubic meter.



TABLE 11
INDOOR AIR SAMPLE ANALYTICAL RESULTS
CERRI SITE
3 NORTH STREET, HEALDSBURG, CALIFORNIA

Analyte	Units	A-3 10/15/2015
Acenaphthene	µg/m ³	<0.556
1,2,4-Trichlorobenzene	µg/m ³	<0.556
1,2-Dichlorobenzene	µg/m ³	<0.556
1,3-Dichlorobenzene	µg/m ³	<0.556
1,4-Dichlorobenzene	µg/m ³	<0.556
2,4,5-Trichlorophenol	µg/m ³	<0.556
2,4,6-Trichlorophenol	µg/m ³	<0.556
2,4-Dichlorophenol	µg/m ³	<0.556
2,4-Dimethylphenol	µg/m ³	<0.556
2,4-Dinitrophenol	µg/m ³	<0.556
2,4-Dinitrotoluene	µg/m ³	<0.556
2,6-Dinitrotoluene	µg/m ³	<0.556
2-Chloronaphthalene	µg/m ³	<0.556
2-Chlorophenol	µg/m ³	<0.556
2-Methylnaphthalene	µg/m ³	<0.556
2-Methylphenol	µg/m ³	<0.556
2-Nitroaniline	µg/m ³	<0.556
2-Nitrophenol	µg/m ³	<0.556
3,3'-Dichlorobenzidine	µg/m ³	<0.556
3-Nitroaniline	µg/m ³	<0.556
4,6-Dinitro-2-Methylphenol	µg/m ³	<0.556
4-Bromophenyl Phenyl Ether	µg/m ³	<0.556
4-Chloroaniline	µg/m ³	<0.556
4-Chlorophenyl Phenyl Ether	µg/m ³	<0.556
4-Methylphenol	µg/m ³	<0.556
4-Nitroaniline	µg/m ³	<0.556
4-Nitrophenol	µg/m ³	<0.556
Acenaphthylene	µg/m ³	<0.556
Anthracene	µg/m ³	<0.556
Benzo (A) Anthracene	µg/m ³	<0.556
Benzo (A) Pyrene	µg/m ³	<0.556
Benzo (B) Fluoranthene	µg/m ³	<0.556
Benzo (G,H,I) Perylene	µg/m ³	<0.556
Benzo (K) Fluoranthene	µg/m ³	<0.556
Benzyl Alcohol	µg/m ³	<0.556
Bis (2-Chloroethoxy) Methane	µg/m ³	<0.556
Bis (2-Chloroethyl) Ether	µg/m ³	<0.556
Bis (2-Chloroisopropyl) Ether	µg/m ³	<0.556
Bis (2-Ethylhexyl) Phthalate	µg/m ³	<0.556
Butyl Benzyl Phthalate	µg/m ³	<0.556
Chrysene	µg/m ³	<0.556
Dibenzo (A,H) Anthracene	µg/m ³	<0.556
Debenzofuran	µg/m ³	<0.556
Diethylphthalate	µg/m ³	<0.556
Dimethyl Phthalate	µg/m ³	<0.556
Di-N-Butylphthalate	µg/m ³	<0.556
Di-N-Octyl Phthalate	µg/m ³	<0.556
Fluoranthene	µg/m ³	<0.556
Fluorene	µg/m ³	<0.556
Hexachlorobenzene	µg/m ³	<0.556
Hexachlorobutadiene	µg/m ³	<0.556
Hexachlorocyclopentadiene	µg/m ³	<0.556
Hexachloroethane	µg/m ³	<0.556
Indeno (1,2,3-CD) Pyrene	µg/m ³	<0.556
Isophorone	µg/m ³	<0.556
Naphthalene	µg/m ³	<0.556
Nitrobenzene	µg/m ³	<0.556
N-Nitroso-Di-N-Propylamine	µg/m ³	<0.556
N-Nitrosodiphenylamine	µg/m ³	<0.556
Pentachlorophenol	µg/m ³	<0.556
Phenanthrene	µg/m ³	<0.556
Phenol	µg/m ³	<0.556
Pyrene	µg/m ³	<0.556
Tentatively Identified Compounds	µg/m ³	<5.56

µg/m³ = Micrograms per cubic meter.

APPENDIX M
CERTIFIED ANALYTICAL REPORTS

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 10/20/2015

TO: MR. EVAN PLATT
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 15-2212

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kage1, Ph.D.
Laboratory Director

*RAK/mch
10/20/2015*

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 15-2212

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
SLAB SURFACE 1	WIPE	10/13/2015	10:05	137401
SLAB SURFACE 2	WIPE	10/13/2015	10:10	137402
SLAB SURFACE 3	WIPE	10/13/2015	10:15	137403
SLAB SURFACE 4	WIPE	10/13/2015	10:20	137404
SLAB SURFACE 5	WIPE	10/13/2015	10:25	137405
SLAB SURFACE	WIPE	10/13/2015	10:30	137406

The above listed sample group was received on 10/13/2015 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

SAMPLE ID: SLAB SURFACE 1
 LAB NO: 137401
 SAMPLE TYPE: WIPE
 DATE SAMPLED: 10/13/2015
 TIME SAMPLED: 10:05
 BATCH #: 101415WP1
 DATE EXTRACTED: 10/14/2015
 DATE ANALYZED: 10/14/2015

METHOD: SEMI-VOC'S BY GC/MS
 REFERENCE: EPA 8270

SAMPLE TYPE: WIPE
 UNITS: micrograms/Wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	2.50	ND
ACENAPHTHYLENE	208-96-8	2.50	ND
ANTHRACENE	120-12-7	2.50	ND
BENZO (A) ANTHRACENE	56-55-3	2.50	ND
BENZO (B) FLUORANTHENE	205-99-2	2.50	ND
BENZO (K) FLUORANTHENE	207-08-9	2.50	ND
BENZO (A) PYRENE	50-32-8	2.50	ND
BENZO (G,H,I) PERYLENE	191-24-2	2.50	ND
BENZYL ALCOHOL	100-51-6	5.00	ND
BUTYL BENZYL PHTHALATE	85-68-7	2.50	7.85
BIS (2-CHLOROETHYL) ETHER	111-44-4	2.50	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	2.50	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	2.50	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	2.50	39.6
4-BROMOPHENYL PHENYL ETHER	101-55-3	2.50	ND
4-CHLOROANILINE	106-47-8	2.50	ND
2-CHLORONAPHTHALENE	91-58-7	2.50	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	2.50	ND
CHRYSENE	218-01-9	2.50	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	2.50	ND
DIBENZOFURAN	132-64-9	2.50	ND
DI-N-BUTYLPHTHALATE	84-74-2	2.50	ND
1,2-DICHLORO BENZENE	95-50-1	2.50	ND
1,3-DICHLORO BENZENE	541-73-1	2.50	ND
1,4-DICHLORO BENZENE	106-46-7	2.50	ND
3,3'-DICHLORO BENZIDINE	91-94-1	5.00	ND
DIETHYLPHTHALATE	84-66-2	2.50	ND
DIMETHYL PHTHALATE	131-11-3	2.50	ND
2,4-DINITROTOLUENE	121-14-2	2.50	ND
2,6-DINITROTOLUENE	606-20-2	2.50	ND
DI-N-OCTYL PHTHALATE	117-84-0	2.50	ND
FLUORANTHENE	206-44-0	2.50	ND
FLUORENE	86-73-7	2.50	ND
HEXACHLORO BENZENE	118-74-1	2.50	ND
HEXACHLOROBUTADIENE	87-68-3	2.50	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	2.50	ND
HEXACHLOROETHANE	67-72-1	2.50	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	2.50	ND
ISOPHORONE	78-59-1	2.50	ND
2-METHYLNAPHTHALENE	91-57-6	2.50	ND
NAPHTHALENE	91-20-3	2.50	ND
2-NITROANILINE	88-74-4	12.5	ND
3-NITROANILINE	99-09-2	12.5	ND
4-NITROANILINE	100-01-6	12.5	ND
NITROBENZENE	98-95-3	2.50	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	2.50	ND
N-NITROSODIPHENYLAMINE	86-30-6	2.50	ND
PHENANTHRENE	85-01-8	2.50	ND
PYRENE	129-00-0	2.50	ND
1,2,4-TRICHLORO BENZENE	120-82-1	2.50	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SLAB SURFACE 1
LAB NO: 137401
SAMPLE TYPE: WIPE
DATE SAMPLED: 10/13/2015
TIME SAMPLED: 10:05
BATCH #: 101415WP1
DATE EXTRACTED: 10/14/2015
DATE ANALYZED: 10/14/2015

METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270

SAMPLE TYPE: WIPE
UNITS: micrograms/Wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACID EXTRACTABLES			
4-CHLORO-3-METHYLPHENOL	59-50-7	5.00	ND
2-CHLOROPHENOL	95-57-8	5.00	ND
2,4-DICHLOROPHENOL	120-83-2	5.00	ND
2,4-DIMETHYLPHENOL	105-67-9	5.00	ND
2,4-DINITROPHENOL	51-28-5	12.5	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	12.5	ND
2-NITROPHENOL	88-75-5	12.5	ND
4-NITROPHENOL	100-02-7	12.5	ND
PENTACHLOROPHENOL	87-86-5	12.5	ND
PHENOL	108-95-2	5.00	ND
2-METHYLPHENOL	95-48-7	5.00	ND
4-METHYLPHENOL	106-44-5	5.00	ND
2,4,5-TRICHLOROPHENOL	95-95-4	12.5	ND
2,4,6-TRICHLOROPHENOL	88-06-2	12.5	ND

SURROGATE RECOVERY	%
NITROBENZENE-D5	98
2-FLUOROBIPHENYL	98
P-TERPHENYL-D14	86
PHENOL-D5	46
2-FLUOROPHENOL	48
2,4,6-TRIBROMOPHENOL	50

TENTATIVELY IDENTIFIED COMPOUND NAME	CAS NO.	REPORTING LIMIT	ESTIMATED SAMPLE CONC
NONE FOUND	NA	12.5	NA

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *AW*
DATE: 10/14/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SLAB SURFACE 2
LAB NO: 137402
SAMPLE TYPE: WIPE
DATE SAMPLED: 10/13/2015
TIME SAMPLED: 10:10
BATCH #: 101415WP1
DATE EXTRACTED: 10/14/2015
DATE ANALYZED: 10/14/2015

METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270

SAMPLE TYPE: WIPE
UNITS: micrograms/Wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	2.50	ND
ACENAPHTHYLENE	208-96-8	2.50	ND
ANTHRACENE	120-12-7	2.50	ND
BENZO (A) ANTHRACENE	56-55-3	2.50	ND
BENZO (B) FLUORANTHENE	205-99-2	2.50	ND
BENZO (K) FLUORANTHENE	207-08-9	2.50	ND
BENZO (A) PYRENE	50-32-8	2.50	ND
BENZO (G,H,I) PERYLENE	191-24-2	2.50	ND
BENZYL ALCOHOL	100-51-6	5.00	ND
BUTYL BENZYL PHTHALATE	85-68-7	2.50	ND
BIS (2-CHLOROETHYL) ETHER	111-44-4	2.50	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	2.50	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	2.50	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	2.50	16.8
4-BROMOPHENYL PHENYL ETHER	101-55-3	2.50	ND
4-CHLOROANILINE	106-47-8	2.50	ND
2-CHLORONAPHTHALENE	91-58-7	2.50	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	2.50	ND
CHRYSENE	218-01-9	2.50	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	2.50	ND
DIBENZOFURAN	132-64-9	2.50	ND
DI-N-BUTYLPHTHALATE	84-74-2	2.50	ND
1,2-DICHLOROBENZENE	95-50-1	2.50	ND
1,3-DICHLOROBENZENE	541-73-1	2.50	ND
1,4-DICHLOROBENZENE	106-46-7	2.50	ND
3,3'-DICHLOROBENZIDINE	91-94-1	5.00	ND
DIETHYLPHTHALATE	84-66-2	2.50	ND
DIMETHYL PHTHALATE	131-11-3	2.50	ND
2,4-DINITROTOLUENE	121-14-2	2.50	ND
2,6-DINITROTOLUENE	606-20-2	2.50	ND
DI-N-OCTYL PHTHALATE	117-84-0	2.50	ND
FLUORANTHENE	206-44-0	2.50	ND
FLUORENE	86-73-7	2.50	ND
HEXACHLOROBENZENE	118-74-1	2.50	ND
HEXACHLOROBUTADIENE	87-68-3	2.50	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	2.50	ND
HEXACHLOROETHANE	67-72-1	2.50	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	2.50	ND
ISOPHORONE	78-59-1	2.50	ND
2-METHYLNAPHTHALENE	91-57-6	2.50	ND
NAPHTHALENE	91-20-3	2.50	ND
2-NITROANILINE	88-74-4	12.5	ND
3-NITROANILINE	99-09-2	12.5	ND
4-NITROANILINE	100-01-6	12.5	ND
NITROBENZENE	98-95-3	2.50	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	2.50	ND
N-NITROSODIPHENYLAMINE	86-30-6	2.50	ND
PHENANTHRENE	85-01-8	2.50	ND
PYRENE	129-00-0	2.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.50	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

SAMPLE ID: SLAB SURFACE 2
 LAB NO: 137402
 SAMPLE TYPE: WIPE
 DATE SAMPLED: 10/13/2015
 TIME SAMPLED: 10:10
 BATCH #: 101415WP1
 DATE EXTRACTED: 10/14/2015
 DATE ANALYZED: 10/14/2015

METHOD: SEMI-VOC'S BY GC/MS
 REFERENCE: EPA 8270

SAMPLE TYPE: WIPE
 UNITS: micrograms/Wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACID EXTRACTABLES			
4-CHLORO-3-METHYLPHENOL	59-50-7	5.00	ND
2-CHLOROPHENOL	95-57-8	5.00	ND
2,4-DICHLOROPHENOL	120-83-2	5.00	ND
2,4-DIMETHYLPHENOL	105-67-9	5.00	ND
2,4-DINITROPHENOL	51-28-5	12.5	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	12.5	ND
2-NITROPHENOL	88-75-5	12.5	ND
4-NITROPHENOL	100-02-7	12.5	ND
PENTACHLOROPHENOL	87-86-5	12.5	ND
PHENOL	108-95-2	5.00	ND
2-METHYLPHENOL	95-48-7	5.00	ND
4-METHYLPHENOL	106-44-5	5.00	ND
2,4,5-TRICHLOROPHENOL	95-95-4	12.5	ND
2,4,6-TRICHLOROPHENOL	88-06-2	12.5	ND

SURROGATE RECOVERY	%
NITROBENZENE-D5	75
2-FLUOROBIPHENYL	72
P-TERPHENYL-D14	93
PHENOL-D5	38
2-FLUOROPHENOL	37
2,4,6-TRIBROMOPHENOL	45

TENTATIVELY IDENTIFIED COMPOUND NAME	CAS NO.	REPORTING LIMIT	ESTIMATED SAMPLE CONC
TETRADECANOIC ACID	544-63-8	12.5	12.9

NOTES:
 ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: UCW
 DATE: 10/16/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SLAB SURFACE 3
LAB NO: 137403
SAMPLE TYPE: WIPE
DATE SAMPLED: 10/13/2015
TIME SAMPLED: 10:15
BATCH #: 101415WP1
DATE EXTRACTED: 10/14/2015
DATE ANALYZED: 10/14/2015

METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270

SAMPLE TYPE: WIPE
UNITS: micrograms/Wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	2.50	ND
ACENAPHTHYLENE	208-96-8	2.50	ND
ANTHRACENE	120-12-7	2.50	ND
BENZO (A) ANTHRACENE	56-55-3	2.50	ND
BENZO (B) FLUORANTHENE	205-99-2	2.50	ND
BENZO (K) FLUORANTHENE	207-08-9	2.50	ND
BENZO (A) PYRENE	50-32-8	2.50	ND
BENZO (G,H,I) PERYLENE	191-24-2	2.50	ND
BENZYL ALCOHOL	100-51-6	5.00	ND
BUTYL BENZYL PHTHALATE	85-68-7	2.50	8.93
BIS (2-CHLOROETHYL) ETHER	111-44-4	2.50	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	2.50	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	2.50	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	2.50	26.0
4-BROMOPHENYL PHENYL ETHER	101-55-3	2.50	ND
4-CHLOROANILINE	106-47-8	2.50	ND
2-CHLORONAPHTHALENE	91-58-7	2.50	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	2.50	ND
CHRYSENE	218-01-9	2.50	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	2.50	ND
DIBENZOFURAN	132-64-9	2.50	ND
DI-N-BUTYLPHTHALATE	84-74-2	2.50	ND
1,2-DICHLOROBENZENE	95-50-1	2.50	ND
1,3-DICHLOROBENZENE	541-73-1	2.50	ND
1,4-DICHLOROBENZENE	106-46-7	2.50	ND
3,3'-DICHLOROBENZIDINE	91-94-1	5.00	ND
DIETHYLPHTHALATE	84-66-2	2.50	ND
DIMETHYL PHTHALATE	131-11-3	2.50	ND
2,4-DINITROTOLUENE	121-14-2	2.50	ND
2,6-DINITROTOLUENE	606-20-2	2.50	ND
DI-N-OCTYL PHTHALATE	117-84-0	2.50	ND
FLUORANTHENE	206-44-0	2.50	ND
FLUORENE	86-73-7	2.50	ND
HEXACHLOROBENZENE	118-74-1	2.50	ND
HEXACHLOROBUTADIENE	87-68-3	2.50	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	2.50	ND
HEXACHLOROETHANE	67-72-1	2.50	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	2.50	ND
ISOPHORONE	78-59-1	2.50	ND
2-METHYLNAPHTHALENE	91-57-6	2.50	ND
NAPHTHALENE	91-20-3	2.50	ND
2-NITROANILINE	88-74-4	12.5	ND
3-NITROANILINE	99-09-2	12.5	ND
4-NITROANILINE	100-01-6	12.5	ND
NITROBENZENE	98-95-3	2.50	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	2.50	ND
N-NITROSODIPHENYLAMINE	86-30-6	2.50	ND
PHENANTHRENE	85-01-8	2.50	ND
PYRENE	129-00-0	2.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.50	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SLAB SURFACE 3
LAB NO: 137403
SAMPLE TYPE: WIPE
DATE SAMPLED: 10/13/2015
TIME SAMPLED: 10:15
BATCH #: 101415WP1
DATE EXTRACTED: 10/14/2015
DATE ANALYZED: 10/14/2015

METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270

SAMPLE TYPE: WIPE
UNITS: micrograms/Wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACID EXTRACTABLES			
4-CHLORO-3-METHYLPHENOL	59-50-7	5.00	ND
2-CHLOROPHENOL	95-57-8	5.00	ND
2,4-DICHLOROPHENOL	120-83-2	5.00	ND
2,4-DIMETHYLPHENOL	105-67-9	5.00	ND
2,4-DINITROPHENOL	51-28-5	12.5	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	12.5	ND
2-NITROPHENOL	88-75-5	12.5	ND
4-NITROPHENOL	100-02-7	12.5	ND
PENTACHLOROPHENOL	87-86-5	12.5	ND
PHENOL	108-95-2	5.00	ND
2-METHYLPHENOL	95-48-7	5.00	ND
4-METHYLPHENOL	106-44-5	5.00	ND
2,4,5-TRICHLOROPHENOL	95-95-4	12.5	ND
2,4,6-TRICHLOROPHENOL	88-06-2	12.5	ND

SURROGATE RECOVERY	%
NITROBENZENE-D5	76
2-FLUOROBIPHENYL	67
P-TERPHENYL-D14	80
PHENOL-D5	40
2-FLUOROPHENOL	38
2,4,6-TRIBROMOPHENOL	43

TENTATIVELY IDENTIFIED COMPOUND NAME	CAS NO.	REPORTING LIMIT	ESTIMATED SAMPLE CONC
BUTANAMIDE, 2-HYDROXY-N,2,3,3-TETRAMETHYL	87920-05-6	12.5	22.9
OCTADECANOIC ACID	57-11-4	12.5	125

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: uCh
DATE: 10/20/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

SAMPLE ID: SLAB SURFACE 4
 LAB NO: 137404
 SAMPLE TYPE: WIPE
 DATE SAMPLED: 10/13/2015
 TIME SAMPLED: 10:20
 BATCH #: 101415WP1
 DATE EXTRACTED: 10/14/2015
 DATE ANALYZED: 10/14/2015

METHOD: SEMI-VOC'S BY GC/MS
 REFERENCE: EPA 8270

SAMPLE TYPE: WIPE
 UNITS: micrograms/Wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	2.50	ND
ACENAPHTHYLENE	208-96-8	2.50	ND
ANTHRACENE	120-12-7	2.50	ND
BENZO (A) ANTHRACENE	56-55-3	2.50	ND
BENZO (B) FLUORANTHENE	205-99-2	2.50	ND
BENZO (K) FLUORANTHENE	207-08-9	2.50	ND
BENZO (A) PYRENE	50-32-8	2.50	ND
BENZO (G,H,I) PERYLENE	191-24-2	2.50	ND
BENZYL ALCOHOL	100-51-6	5.00	ND
BUTYL BENZYL PHTHALATE	85-68-7	2.50	7.52
BIS (2-CHLOROETHYL) ETHER	111-44-4	2.50	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	2.50	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	2.50	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	2.50	52.4
4-BROMOPHENYL PHENYL ETHER	101-55-3	2.50	ND
4-CHLOROANILINE	106-47-8	2.50	ND
2-CHLORONAPHTHALENE	91-58-7	2.50	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	2.50	ND
CHRYSENE	218-01-9	2.50	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	2.50	ND
DIBENZOFURAN	132-64-9	2.50	ND
DI-N-BUTYLPHTHALATE	84-74-2	2.50	ND
1,2-DICHLOROBENZENE	95-50-1	2.50	ND
1,3-DICHLOROBENZENE	541-73-1	2.50	ND
1,4-DICHLOROBENZENE	106-46-7	2.50	ND
3,3'-DICHLOROBENZIDINE	91-94-1	5.00	ND
DIETHYLPHTHALATE	84-66-2	2.50	ND
DIMETHYL PHTHALATE	131-11-3	2.50	ND
2,4-DINITROTOLUENE	121-14-2	2.50	ND
2,6-DINITROTOLUENE	606-20-2	2.50	ND
DI-N-OCTYL PHTHALATE	117-84-0	2.50	ND
FLUORANTHENE	206-44-0	2.50	ND
FLUORENE	86-73-7	2.50	ND
HEXACHLOROBENZENE	118-74-1	2.50	ND
HEXACHLOROBUTADIENE	87-68-3	2.50	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	2.50	ND
HEXACHLOROETHANE	67-72-1	2.50	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	2.50	ND
ISOPHORONE	78-59-1	2.50	ND
2-METHYLNAPHTHALENE	91-57-6	2.50	ND
NAPHTHALENE	91-20-3	2.50	ND
2-NITROANILINE	88-74-4	12.5	ND
3-NITROANILINE	99-09-2	12.5	ND
4-NITROANILINE	100-01-6	12.5	ND
NITROBENZENE	98-95-3	2.50	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	2.50	ND
N-NITROSODIPHENYLAMINE	86-30-6	2.50	ND
PHENANTHRENE	85-01-8	2.50	ND
PYRENE	129-00-0	2.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.50	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SLAB SURFACE 4
LAB NO: 137404
SAMPLE TYPE: WIPE
DATE SAMPLED: 10/13/2015
TIME SAMPLED: 10:20
BATCH #: 101415WP1
DATE EXTRACTED: 10/14/2015
DATE ANALYZED: 10/14/2015

METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270

SAMPLE TYPE: WIPE
UNITS: micrograms/Wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACID EXTRACTABLES			
4-CHLORO-3-METHYLPHENOL	59-50-7	5.00	ND
2-CHLOROPHENOL	95-57-8	5.00	ND
2,4-DICHLOROPHENOL	120-83-2	5.00	ND
2,4-DIMETHYLPHENOL	105-67-9	5.00	ND
2,4-DINITROPHENOL	51-28-5	12.5	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	12.5	ND
2-NITROPHENOL	88-75-5	12.5	ND
4-NITROPHENOL	100-02-7	12.5	ND
PENTACHLOROPHENOL	87-86-5	12.5	ND
PHENOL	108-95-2	5.00	ND
2-METHYLPHENOL	95-48-7	5.00	ND
4-METHYLPHENOL	106-44-5	5.00	ND
2,4,5-TRICHLOROPHENOL	95-95-4	12.5	ND
2,4,6-TRICHLOROPHENOL	88-06-2	12.5	ND

SURROGATE RECOVERY	%
NITROBENZENE-D5	62
2-FLUOROBIPHENYL	107
P-TERPHENYL-D14	102
PHENOL-D5	30
2-FLUOROPHENOL	28
2,4,6-TRIBROMOPHENOL	42

TENTATIVELY IDENTIFIED COMPOUND NAME	CAS NO.	REPORTING LIMIT	ESTIMATED SAMPLE CONC
TETRADECANOIC ACID	544-63-8	12.5	14.3

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
DATE: 10/20/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

SAMPLE ID: SLAB SURFACE 5
 LAB NO: 137405
 SAMPLE TYPE: WIPE
 DATE SAMPLED: 10/13/2015
 TIME SAMPLED: 10:25
 BATCH #: 101415WP1
 DATE EXTRACTED: 10/14/2015
 DATE ANALYZED: 10/14/2015

METHOD: SEMI-VOC'S BY GC/MS
 REFERENCE: EPA 8270

SAMPLE TYPE: WIPE
 UNITS: micrograms/Wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	2.50	ND
ACENAPHTHYLENE	208-96-8	2.50	ND
ANTHRACENE	120-12-7	2.50	ND
BENZO (A) ANTHRACENE	56-55-3	2.50	ND
BENZO (B) FLUORANTHENE	205-99-2	2.50	ND
BENZO (K) FLUORANTHENE	207-08-9	2.50	ND
BENZO (A) PYRENE	50-32-8	2.50	ND
BENZO (G,H,I) PERYLENE	191-24-2	2.50	ND
BENZYL ALCOHOL	100-51-6	5.00	ND
BUTYL BENZYL PHTHALATE	85-68-7	2.50	4.83
BIS (2-CHLOROETHYL) ETHER	111-44-4	2.50	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	2.50	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	2.50	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	2.50	22.6
4-BROMOPHENYL PHENYL ETHER	101-55-3	2.50	ND
4-CHLOROANILINE	106-47-8	2.50	ND
2-CHLORONAPHTHALENE	91-58-7	2.50	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	2.50	ND
CHRYSENE	218-01-9	2.50	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	2.50	ND
DIBENZOFURAN	132-64-9	2.50	ND
DI-N-BUTYLPHTHALATE	84-74-2	2.50	ND
1,2-DICHLOROENZENE	95-50-1	2.50	ND
1,3-DICHLOROENZENE	541-73-1	2.50	ND
1,4-DICHLOROENZENE	106-46-7	2.50	ND
3,3'-DICHLOROENZIDINE	91-94-1	5.00	ND
DIETHYLPHTHALATE	84-66-2	2.50	ND
DIMETHYL PHTHALATE	131-11-3	2.50	ND
2,4-DINITROTOLUENE	121-14-2	2.50	ND
2,6-DINITROTOLUENE	606-20-2	2.50	ND
DI-N-OCTYL PHTHALATE	117-84-0	2.50	ND
FLUORANTHENE	206-44-0	2.50	ND
FLUORENE	86-73-7	2.50	ND
HEXACHLOROENZENE	118-74-1	2.50	ND
HEXACHLOROBUTADIENE	87-68-3	2.50	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	2.50	ND
HEXACHLOROETHANE	67-72-1	2.50	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	2.50	ND
ISOPHORONE	78-59-1	2.50	ND
2-METHYLNAPHTHALENE	91-57-6	2.50	ND
NAPHTHALENE	91-20-3	2.50	ND
2-NITROANILINE	88-74-4	12.5	ND
3-NITROANILINE	99-09-2	12.5	ND
4-NITROANILINE	100-01-6	12.5	ND
NITROENZENE	98-95-3	2.50	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	2.50	ND
N-NITROSODIPHENYLAMINE	86-30-6	2.50	ND
PHENANTHRENE	85-01-8	2.50	ND
PYRENE	129-00-0	2.50	ND
1,2,4-TRICHLOROENZENE	120-82-1	2.50	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SLAB SURFACE 5
LAB NO: 137405
SAMPLE TYPE: WIPE
DATE SAMPLED: 10/13/2015
TIME SAMPLED: 10:25
BATCH #: 101415WP1
DATE EXTRACTED: 10/14/2015
DATE ANALYZED: 10/14/2015

METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270

SAMPLE TYPE: WIPE
UNITS: micrograms/Wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACID EXTRACTABLES			
4-CHLORO-3-METHYLPHENOL	59-50-7	5.00	ND
2-CHLOROPHENOL	95-57-8	5.00	ND
2,4-DICHLOROPHENOL	120-83-2	5.00	ND
2,4-DIMETHYLPHENOL	105-67-9	5.00	ND
2,4-DINITROPHENOL	51-28-5	12.5	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	12.5	ND
2-NITROPHENOL	88-75-5	12.5	ND
4-NITROPHENOL	100-02-7	12.5	ND
PENTACHLOROPHENOL	87-86-5	12.5	ND
PHENOL	108-95-2	5.00	ND
2-METHYLPHENOL	95-48-7	5.00	ND
4-METHYLPHENOL	106-44-5	5.00	ND
2,4,5-TRICHLOROPHENOL	95-95-4	12.5	ND
2,4,6-TRICHLOROPHENOL	88-06-2	12.5	ND

SURROGATE RECOVERY	%
NITROBENZENE-D5	85
2-FLUOROBIPHENYL	82
P-TERPHENYL-D14	99
PHENOL-D5	45
2-FLUOROPHENOL	43
2,4,6-TRIBROMOPHENOL	52

TENTATIVELY IDENTIFIED COMPOUND NAME	CAS NO.	REPORTING LIMIT	ESTIMATED SAMPLE CONC
N-HEXADECANOIC ACID	57-10-3	12.5	120

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
DATE: 10/16/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SLAB SURFACE
LAB NO: 137406
DATE SAMPLED: 10/13/2015
TIME SAMPLED: 10:30
BATCH ID: 100615WP1

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: WIPE
UNITS: ug/WIPE

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
ANTIMONY	Sb	10/19/2015	0.500	3.37
ARSENIC	As	10/19/2015	0.500	10.8
BARIUM	Ba	10/19/2015	0.500	186
BERYLLIUM	Be	10/19/2015	0.500	ND
CADMIUM	Cd	10/19/2015	0.500	2.16
CHROMIUM	Cr	10/19/2015	0.500	51.2
COBALT	Co	10/19/2015	0.500	10.5
COPPER	Cu	10/19/2015	0.500	206
LEAD	Pb	10/19/2015	0.500	131
MERCURY	Hg	10/19/2015	0.100	0.102
MOLYBDENUM	Mo	10/19/2015	0.500	3.17
NICKEL	Ni	10/19/2015	0.500	65.7
SELENIUM	Se	10/19/2015	0.500	ND
SILVER	Ag	10/19/2015	0.500	ND
THALLIUM	Tl	10/19/2015	0.500	ND
VANADIUM	V	10/19/2015	0.500	38.0
ZINC	Zn	10/19/2015	0.500	2840

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: CW
DATE: 10/20/2015

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B101415WP1
BATCH #: 101415WP1
DATE EXTRACTED: 10/14/2015
DATE ANALYZED: 10/14/2015

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: WIPE
UNITS: micrograms/wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	1.00	ND
ACENAPHTHYLENE	208-96-8	1.00	ND
ANTHRACENE	120-12-7	1.00	ND
BENZO (A) ANTHRACENE	56-55-3	1.00	ND
BENZO (B) FLUORANTHENE	205-99-2	1.00	ND
BENZO (K) FLUORANTHENE	207-08-9	1.00	ND
BENZO (A) PYRENE	50-32-8	1.00	ND
BENZO (G,H,I) PERYLENE	191-24-2	1.00	ND
BENZYL ALCOHOL	100-51-6	1.00	ND
BUTYL BENZYL PHTHALATE	85-68-7	1.00	ND
BIS (2-CHLOROETHYL) ETHER	111-44-4	1.00	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	1.00	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	1.00	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	1.00	ND
4-BROMOPHENYL PHENYL ETHER	101-55-3	1.00	ND
4-CHLOROANILINE	106-47-8	1.00	ND
2-CHLORONAPHTHALENE	91-58-7	1.00	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	1.00	ND
CHRYSENE	218-01-9	1.00	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	1.00	ND
DIBENZOFURAN	132-64-9	1.00	ND
DI-N-BUTYLPHTHALATE	84-74-2	1.00	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND
3,3'-DICHLOROBENZIDINE	91-94-1	2.00	ND
DIETHYLPHTHALATE	84-66-2	1.00	ND
DIMETHYL PHTHALATE	131-11-3	1.00	ND
2,4-DINITROTOLUENE	121-14-2	1.00	ND
2,6-DINITROTOLUENE	606-20-2	1.00	ND
DI-N-OCTYL PHTHALATE	117-84-0	1.00	ND
FLUORANTHENE	206-44-0	1.00	ND
FLUORENE	86-73-7	1.00	ND
HEXACHLOROBENZENE	118-74-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	1.00	ND
HEXACHLOROETHANE	67-72-1	1.00	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	1.00	ND
ISOPHORONE	78-59-1	1.00	ND

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B101415WP1
 BATCH #: 101415WP1
 DATE EXTRACTED: 10/14/2015
 DATE ANALYZED: 10/14/2015

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
 REFERENCE: EPA 3550/8270

SAMPLE TYPE: WIPE
 UNITS: micrograms/wipe

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
2-METHYLNAPHTHALENE	91-57-6	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
2-NITROANILINE	88-74-4	5.00	ND
3-NITROANILINE	99-09-2	5.00	ND
4-NITROANILINE	100-01-6	5.00	ND
NITROBENZENE	98-95-3	5.00	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	5.00	ND
N-NITROSODIPHENYLAMINE	86-30-6	1.00	ND
PHENANTHRENE	85-01-8	1.00	ND
PYRENE	129-00-0	1.00	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND

ACID EXTRACTABLES

4-CHLORO-3-METHYLPHENOL	59-50-7	2.00	ND
2-CHLOROPHENOL	95-57-8	2.00	ND
2,4-DICHLOROPHENOL	120-83-2	2.00	ND
2,4-DIMETHYLPHENOL	105-67-9	2.00	ND
2,4-DINITROPHENOL	51-28-5	5.00	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	5.00	ND
2-NITROPHENOL	88-75-5	5.00	ND
4-NITROPHENOL	100-02-7	5.00	ND
PENTACHLOROPHENOL	87-86-5	5.00	ND
PHENOL	108-95-2	2.00	ND
2-METHYLPHENOL	95-48-7	2.00	ND
4-METHYLPHENOL	106-44-5	2.00	ND
2,4,5-TRICHLOROPHENOL	95-95-4	5.00	ND
2,4,6-TRICHLOROPHENOL	88-06-2	5.00	ND

SURROGATE RECOVERY

%

NITROBENZENE-D5	65
2-FLUOROBIPHENYL	78
P-TERPHENYL-D14	76
PHENOL-D5	35
2-FLUOROPHENOL	39
2,4,6-TRIBROMOPHENOL	33

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L101415WP1
DUPLICATE ID: D101415WP1
BATCH #: 101415WP1
DATE EXTRACTED: 10/14/2015
DATE ANALYZED: 10/14/2015

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: WIPE
UNITS: micrograms/wipe

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
ACENAPHTHENE	40.0	ND	32.5	81	47-145
1,4-DICHLOROBENZENE	40.0	ND	30.0	75	20-124
2,4-DINITROTOLUENE	40.0	ND	27.2	68	60-140
PYRENE	40.0	ND	36.9	92	60-140
1,2,4-TRICHLOROBENZENE	40.0	ND	33.2	83	60-140
4-CHLORO-3-METHYLPHENOL	80.0	ND	69.6	87	20-140
2-CHLOROPHENOL	80.0	ND	64.7	81	D-140
4-NITROPHENOL	80.0	ND	50.8	63	D-140
PENTACHLOROPHENOL	80.0	ND	66.7	83	D-140
PHENOL	80.0	ND	62.9	79	30-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
ACENAPHTHENE	1.00	32.5	29.4	10.0	±20
1,4-DICHLOROBENZENE	1.00	30.0	28.1	6.3	±20
2,4-DINITROTOLUENE	1.00	27.2	27.0	0.8	±20
PYRENE	1.00	36.9	35.0	5.5	±20
1,2,4-TRICHLOROBENZENE	1.00	33.2	31.6	5.2	±20
4-CHLORO-3-METHYLPHENOL	2.00	69.6	64.5	7.7	±20
2-CHLOROPHENOL	2.00	64.7	59.8	8.0	±20
4-NITROPHENOL	5.00	50.8	49.8	2.1	±20
PENTACHLOROPHENOL	5.00	66.7	64.2	4.0	±20
PHENOL	2.00	62.9	57.9	8.2	±20

NOTES:

ND = NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

D = DETECTED

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L100615WP1
DUPLICATE ID: D100615WP1
METHOD BLANK ID: B101515WP1
BATCH #: 100615WP1
DATE ANALYZED: 10/19/2015

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: WIPE
UNITS: ug/WIPE

ELEMENT		MB ug/WIPE	SA ug/WIPE	SR ug/WIPE	SP ug/WIPE	SPD ug/WIPE	SP %R	RPD %
ANTIMONY	Sb	<0.100	5.00	0.0	5.21	5.12	104	1.8
ARSENIC	As	<0.100	5.00	0.0	5.08	5.03	102	0.9
BARIIUM	Ba	<0.100	5.00	0.0	4.88	4.91	98	0.5
BERYLLIUM	Be	<0.100	5.00	0.0	5.07	5.03	101	0.8
CADMIUM	Cd	<0.100	5.00	0.0	4.90	4.84	98	1.3
CHROMIUM	Cr	<0.100	5.00	0.0	4.90	4.81	98	1.8
COBALT	Co	<0.100	5.00	0.0	4.99	5.02	100	0.7
COPPER	Cu	<0.100	5.00	0.0	5.10	5.05	102	0.9
LEAD	Pb	<0.100	5.00	0.0	4.89	4.92	98	0.7
MERCURY	Hg	<0.020	0.100	0.0	0.102	0.100	102	2.0
MOLYBDENUM	Mo	<0.100	5.00	0.0	5.13	5.01	103	2.5
NICKEL	Ni	<0.100	5.00	0.0	5.06	4.96	101	1.9
SELENIUM	Se	<0.100	5.00	0.0	5.14	5.10	103	0.7
SILVER	Ag	<0.100	2.50	0.0	1.97	1.98	79	0.5
THALLIUM	Tl	<0.100	5.00	0.0	4.86	4.88	97	0.6
VANADIUM	V	<0.100	5.00	0.0	5.03	4.97	101	1.2
ZINC	Zn	<0.100	5.00	0.0	5.57	5.76	111	3.4

NOTES:

ND: NOT DETECTED
 MB: METHOD BLANK
 SA: SPIKE ADDED
 SR: SAMPLE RESULT
 SP: SPIKE RESULT
 SPD: SPIKE DUPLICATE RESULT
 SP(%R): SPIKE % RECOVERY
 RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.

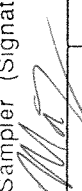
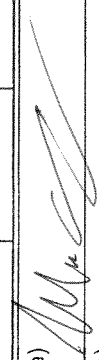
CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

Client/Project ID		Address/Phone		ANALYSES		KPI Project No.	
EBA Engineering		825 Sempurna Ave., Santa Rosa, CA (707) 544-0784				9986	
Project Location		Client Project No.		Global ID		Log Code:	
North St. Healdsburg, CA		15-2212				No EDF	
Contact		Sampler (Signature)		Expected Turnaround Time		Remarks	
E. Platt							
Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers		
Slab Surface 1	10/13/15	10:05	137401	Wipe	1	X	5-Day
Slab Surface 2		10:10	137402		1	X	
Slab Surface 3		10:15	137403		1	X	
Slab Surface 4		10:20	137404		1	X	
Slab Surface 5		10:25	137405		1	X	
Slab Surface		10:30	137406		1	X	
Relinquished by: (Signature)				Received by: (Signature)		Date	Time
Relinquished by: (Signature)				RWO - Cook KPI		10/13/15	18:13
Relinquished by: (Signature)				Received by: (Signature)		Date	Time
Relinquished by: (Signature)				Received by: (Signature)		Date	Time
Disposal Method				Received by: (Signature)		Date	Time
Disposed by: (Signature)				White Copy : Accompanies Samples			
				Yellow Copy : Sampler			

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 10/21/2015

TO: MR. EVAN PLATT
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 15-2212

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kage1, Ph.D. *AKK 10/21/2015*
Laboratory Director

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 15-2212

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
A-1	AIR	10/13/2015	09:17	137407
A-2	AIR	10/13/2015	09:15	137408
O-1	AIR	10/13/2015	09:20	137409

The above listed sample group was received on 10/13/2015 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212


METHOD: VOC'S IN AIR
 REFERENCE: EPA METHOD TO-15-SIM (GC-MS-SIM)

SAMPLE ID: A-1
 LAB NO: 137407
 SAMPLE TYPE: AIR
 DATE SAMPLED: 10/13/2015
 TIME SAMPLED: 09:17
 BATCH ID: 101615A1
 DATE ANALYZED: 10/16/2015

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.0200	0.392	0.0989	1.94
DICHLOROTETRAFLUOROETHANE	76-14-2	0.0200	ND	0.140	ND
CHLOROMETHANE	74-87-3	0.100	0.334	0.207	0.691
VINYL CHLORIDE	75-01-4	0.0200	ND	0.0511	ND
BROMOMETHANE	74-83-9	0.0200	ND	0.0777	ND
CHLOROETHANE	75-00-3	0.0200	ND	0.0528	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.0200	0.163	0.112	0.914
1,1-DICHLOROETHENE	75-35-4	0.0200	ND	0.0793	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.100	ND	0.766	ND
METHYLENE CHLORIDE	75-09-2	0.200	ND	0.695	ND
1,1-DICHLOROETHANE	75-34-3	0.0200	ND	0.0810	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.0200	ND	0.0793	ND
CHLOROFORM	67-66-3	0.0200	0.0259	0.0977	0.126
1,1,1-TRICHLOROETHANE	71-55-6	0.0200	ND	0.109	ND
1,2-DICHLOROETHANE	107-06-2	0.0200	ND	0.0809	ND
BENZENE	71-43-2	0.100	0.151	0.319	0.483
CARBON TETRACHLORIDE	56-23-5	0.0200	0.0445	0.126	0.280
1,2-DICHLOROPROPANE	78-87-5	0.0200	ND	0.0924	ND
TRICHLOROETHENE	79-01-6	0.0200	ND	0.107	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.0200	ND	0.0908	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.0200	ND	0.0908	ND
TOLUENE	108-88-3	0.100	0.396	0.377	1.49
1,1,2-TRICHLOROETHANE	79-00-5	0.0200	ND	0.109	ND
1,2-DIBROMOETHANE	106-93-4	0.0200	ND	0.154	ND
TETRACHLOROETHENE	127-18-4	0.0200	0.0241	0.136	0.163
CHLOROBENZENE	108-90-7	0.0200	ND	0.0921	ND
ETHYLBENZENE	100-41-4	0.0200	0.107	0.0868	0.466
XYLENE (M+P)	1330-20-7	0.0400	0.365	0.174	1.58
STYRENE	100-42-5	0.0200	0.0757	0.0852	0.322
XYLENE (O)	95-47-6	0.0200	0.133	0.0868	0.576
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.0200	ND	0.137	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.0200	0.0558	0.0983	0.274
1,2,4-TRIMETHYLBENZENE	95-63-6	0.0200	0.164	0.0983	0.808
1,3-DICHLOROBENZENE	541-73-1	0.0200	ND	0.120	ND
1,4-DICHLOROBENZENE	106-46-7	0.0200	ND	0.120	ND
1,2-DICHLOROBENZENE	95-50-1	0.0200	ND	0.120	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.0200	ND	0.148	ND
HEXACHLOROBUTADIENE	87-68-3	0.0200	ND	0.213	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 MRL - METHOD REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE
 µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE
 AND PRESSURE (NPT).

APPROVED BY: 
 DATE: 10/21/15

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

METHOD: VOC'S IN AIR
 REFERENCE: EPA METHOD TO-15-SIM (GC-MS-SIM)

SAMPLE ID: A-2
 LAB NO: 137408
 SAMPLE TYPE: AIR
 DATE SAMPLED: 10/13/2015
 TIME SAMPLED: 09:15
 BATCH ID: 101615A1
 DATE ANALYZED: 10/16/2015

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.0100	0.339	0.0495	1.67
DICHLOROTETRAFLUOROETHANE	76-14-2	0.0100	0.0125	0.0699	0.0872
CHLOROMETHANE	74-87-3	0.0500	0.276	0.103	0.570
VINYL CHLORIDE	75-01-4	0.0100	ND	0.0256	ND
BROMOMETHANE	74-83-9	0.0100	ND	0.0388	ND
CHLOROETHANE	75-00-3	0.0100	ND	0.0264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.0100	0.148	0.0562	0.829
1,1-DICHLOROETHENE	75-35-4	0.0100	ND	0.0397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.0500	ND	0.383	ND
METHYLENE CHLORIDE	75-09-2	0.100	ND	0.347	ND
1,1-DICHLOROETHANE	75-34-3	0.0100	ND	0.0405	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.0100	ND	0.0397	ND
CHLOROFORM	67-66-3	0.0100	0.0183	0.0488	0.0892
1,1,1-TRICHLOROETHANE	71-55-6	0.0100	ND	0.0546	ND
1,2-DICHLOROETHANE	107-06-2	0.0100	ND	0.0405	ND
BENZENE	71-43-2	0.0500	0.113	0.160	0.361
CARBON TETRACHLORIDE	56-23-5	0.0100	0.0478	0.0629	0.301
1,2-DICHLOROPROPANE	78-87-5	0.0100	ND	0.0462	ND
TRICHLOROETHENE	79-01-6	0.0100	ND	0.0537	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.0100	0.0188	0.0454	0.0855
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.0100	ND	0.0454	ND
TOLUENE	108-88-3	0.0500	0.221	0.188	0.834
1,1,2-TRICHLOROETHANE	79-00-5	0.0100	ND	0.0546	ND
1,2-DIBROMOETHANE	106-93-4	0.0100	ND	0.0768	ND
TETRACHLOROETHENE	127-18-4	0.0100	ND	0.0678	ND
CHLOROBENZENE	108-90-7	0.0100	ND	0.0460	ND
ETHYLBENZENE	100-41-4	0.0100	0.0478	0.0434	0.208
XYLENE (M+P)	1330-20-7	0.0200	0.144	0.0868	0.625
STYRENE	100-42-5	0.0100	0.0192	0.0426	0.0819
XYLENE (O)	95-47-6	0.0100	0.0477	0.0434	0.207
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.0100	ND	0.0687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.0100	0.0116	0.0492	0.0568
1,2,4-TRIMETHYLBENZENE	95-63-6	0.0100	0.0298	0.0492	0.146
1,3-DICHLOROBENZENE	541-73-1	0.0100	ND	0.0601	ND
1,4-DICHLOROBENZENE	106-46-7	0.0100	ND	0.0601	ND
1,2-DICHLOROBENZENE	95-50-1	0.0100	ND	0.0601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.0100	ND	0.0742	ND
HEXACHLOROBUTADIENE	87-68-3	0.0100	ND	0.107	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 MRL - METHOD REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE
 µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: AMC
 DATE: 10/21/15

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

METHOD: VOC'S IN AIR
 REFERENCE: EPA METHOD TO-15-SIM (GC-MS-SIM)

SAMPLE ID: O-1
 LAB NO: 137409
 SAMPLE TYPE: AIR
 DATE SAMPLED: 10/13/2015
 TIME SAMPLED: 09:20
 BATCH ID: 101615A1
 DATE ANALYZED: 10/16/2015

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.0100	0.346	0.0495	1.71
DICHLOROTETRAFLUOROETHANE	76-14-2	0.0100	0.0129	0.0699	0.0903
CHLOROMETHANE	74-87-3	0.0500	0.295	0.103	0.610
VINYL CHLORIDE	75-01-4	0.0100	ND	0.0256	ND
BROMOMETHANE	74-83-9	0.0100	ND	0.0388	ND
CHLOROETHANE	75-00-3	0.0100	ND	0.0264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.0100	0.144	0.0562	0.808
1,1-DICHLOROETHENE	75-35-4	0.0100	ND	0.0397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.0500	ND	0.383	ND
METHYLENE CHLORIDE	75-09-2	0.100	ND	0.347	ND
1,1-DICHLOROETHANE	75-34-3	0.0100	ND	0.0405	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.0100	ND	0.0397	ND
CHLOROFORM	67-66-3	0.0100	0.0139	0.0488	0.0677
1,1,1-TRICHLOROETHANE	71-55-6	0.0100	ND	0.0546	ND
1,2-DICHLOROETHANE	107-06-2	0.0100	ND	0.0405	ND
BENZENE	71-43-2	0.0500	0.100	0.160	0.320
CARBON TETRACHLORIDE	56-23-5	0.0100	0.0412	0.0629	0.259
1,2-DICHLOROPROPANE	78-87-5	0.0100	ND	0.0462	ND
TRICHLOROETHENE	79-01-6	0.0100	ND	0.0537	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.0100	0.0260	0.0454	0.118
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.0100	0.0137	0.0454	0.0623
TOLUENE	108-88-3	0.0500	0.237	0.188	0.892
1,1,2-TRICHLOROETHANE	79-00-5	0.0100	ND	0.0546	ND
1,2-DIBROMOETHANE	106-93-4	0.0100	ND	0.0768	ND
TETRACHLOROETHENE	127-18-4	0.0100	ND	0.0678	ND
CHLOROBENZENE	108-90-7	0.0100	ND	0.0460	ND
ETHYLBENZENE	100-41-4	0.0100	0.0471	0.0434	0.204
XYLENE (M+P)	1330-20-7	0.0200	0.154	0.0868	0.667
STYRENE	100-42-5	0.0100	0.0334	0.0426	0.142
XYLENE (O)	95-47-6	0.0100	0.0658	0.0434	0.286
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.0100	ND	0.0687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.0100	0.0300	0.0492	0.147
1,2,4-TRIMETHYLBENZENE	95-63-6	0.0100	0.0935	0.0492	0.460
1,3-DICHLOROBENZENE	541-73-1	0.0100	ND	0.0601	ND
1,4-DICHLOROBENZENE	106-46-7	0.0100	ND	0.0601	ND
1,2-DICHLOROBENZENE	95-50-1	0.0100	ND	0.0601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.0100	ND	0.0742	ND
HEXACHLOROBUTADIENE	87-68-3	0.0100	ND	0.107	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 MRL - METHOD REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE
 µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: AM
 DATE: 10/21/15

K PRIME, INC.
LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B101615A1
SAMPLE TYPE: AIR

BATCH ID: 101615A1
DATE ANALYZED: 10/15/2015

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO-15-SIM (GC-MS-SIM)

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.0100	ND	0.0495	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.0100	ND	0.0699	ND
CHLOROMETHANE	74-87-3	0.0500	ND	0.103	ND
VINYL CHLORIDE	75-01-4	0.0100	ND	0.0256	ND
BROMOMETHANE	74-83-9	0.0100	ND	0.0388	ND
CHLOROETHANE	75-00-3	0.0100	ND	0.0264	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.0100	ND	0.0562	ND
1,1-DICHLOROETHENE	75-35-4	0.0100	ND	0.0397	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.0500	ND	0.383	ND
METHYLENE CHLORIDE	75-09-2	0.100	ND	0.347	ND
1,1-DICHLOROETHANE	75-34-3	0.0100	ND	0.0405	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.0100	ND	0.0397	ND
CHLOROFORM	67-66-3	0.0100	ND	0.0488	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.0100	ND	0.0546	ND
1,2-DICHLOROETHANE	107-06-2	0.0100	ND	0.0405	ND
BENZENE	71-43-2	0.0500	ND	0.160	ND
CARBON TETRACHLORIDE	56-23-5	0.0100	ND	0.0629	ND
1,2-DICHLOROPROPANE	78-87-5	0.0100	ND	0.0462	ND
TRICHLOROETHENE	79-01-6	0.0100	ND	0.0537	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.0100	ND	0.0454	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.0100	ND	0.0454	ND
TOLUENE	108-88-3	0.0500	ND	0.188	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.0100	ND	0.0546	ND
1,2-DIBROMOETHANE	106-93-4	0.0100	ND	0.0768	ND
TETRACHLOROETHENE	127-18-4	0.0100	ND	0.0678	ND
CHLOROBENZENE	108-90-7	0.0100	ND	0.0460	ND
ETHYLBENZENE	100-41-4	0.0100	ND	0.0434	ND
XYLENE (M+P)	1330-20-7	0.0200	ND	0.0868	ND
STYRENE	100-42-5	0.0100	ND	0.0426	ND
XYLENE (O)	95-47-6	0.0100	ND	0.0434	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.0100	ND	0.0687	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.0100	ND	0.0492	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.0100	ND	0.0492	ND
1,3-DICHLOROBENZENE	541-73-1	0.0100	ND	0.0601	ND
1,4-DICHLOROBENZENE	106-46-7	0.0100	ND	0.0601	ND
1,2-DICHLOROBENZENE	95-50-1	0.0100	ND	0.0601	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.0100	ND	0.0742	ND
HEXACHLOROBUTADIENE	87-68-3	0.0100	ND	0.107	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
MRL - METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

LAB CONTROL ID: L101615A1
LAB CONTROL DUPLICATE ID: D101615A1

SAMPLE TYPE: AIR
BATCH ID: 101615A1
DATE ANALYZED: 10/15/2015

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO-15-SIM (GC-MS-SIM)

COMPOUND NAME	SPIKE ADDED (PPB)	REPORTING LIMIT (PPB)	SAMPLE CONC (PPB)	SPIKE CONC (PPB)	SPIKE REC (%)	REC LIMITS (%)
1,1-DICHLOROETHENE	0.500	0.010	ND	0.570	114	60 - 140
TRICHLOROETHENE	0.500	0.010	ND	0.505	101	60 - 140
BENZENE	0.500	0.050	ND	0.581	116	60 - 140
TOLUENE	0.500	0.050	ND	0.453	91	60 - 140
TETRACHLOROETHENE	0.500	0.010	ND	0.548	110	60 - 140

COMPOUND NAME	SPIKE ADDED (PPB)	SPIKE DUP CONC (PPB)	SPIKE DUP REC (%)	RPD (%)	QC LIMITS RPD (%)	REC (%)
1,1-DICHLOROETHENE	0.500	0.561	112	1.5	25	60 - 140
TRICHLOROETHENE	0.500	0.487	97	3.6	25	60 - 140
BENZENE	0.500	0.532	106	8.9	25	60 - 140
TOLUENE	0.500	0.449	90	0.9	25	60 - 140
TETRACHLOROETHENE	0.500	0.545	109	0.5	25	60 - 140

NOTES:

NA - NOT APPLICABLE OR AVAILABLE
 ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 10/21/2015

TO: MR. EVAN PLATT
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 15-2212

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeбал@ebagroup.com

FROM: Richard A. Kagel, Ph.D. *RAM 10/21/2015*
Laboratory Director

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 15-2212

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
SV-2	AIR	10/15/2015	12:07	137442
SV-2-LEAK	AIR	10/15/2015	12:07	137443
P-1	AIR	10/15/2015	11:55	137444
P-1-LEAK	AIR	10/15/2015	11:55	137445
P-2	AIR	10/15/2015	10:58	137446
P-2-LEAK	AIR	10/15/2015	10:58	137447
P-3	AIR	10/15/2015	10:54	137448
P-3-LEAK	AIR	10/15/2015	10:54	137449

The above listed sample group was received on 10/15/2015 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

METHOD: VOC'S IN AIR
 REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

SAMPLE ID: SV-2
 LAB NO: 137442
 SAMPLE TYPE: AIR
 DATE SAMPLED: 10/15/2015
 TIME SAMPLED: 12:07
 BATCH ID: 101415A1
 DATE ANALYZED: 10/16/2015

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND	7.66	ND
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	1.34	3.97	5.31
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	ND	3.19	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	ND	3.77	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
TETRACHLOROETHENE	127-18-4	1.00	273	6.78	1850
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	ND	4.34	ND
XYLENE (M+P)	1330-20-7	1.00	ND	4.34	ND
XYLENE (O)	95-47-6	1.00	ND	4.34	ND
STYRENE	100-42-5	1.00	ND	4.26	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.00	ND	14.8	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

MRL - METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY:
 DATE:

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

METHOD: VOC'S IN AIR
 REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

SAMPLE ID: P-1
 LAB NO: 137444
 SAMPLE TYPE: AIR
 DATE SAMPLED: 10/15/2015
 TIME SAMPLED: 11:55
 BATCH ID: 101415A1
 DATE ANALYZED: 10/16/2015

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND	7.66	ND
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	ND	3.19	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	ND	3.77	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	ND	4.34	ND
XYLENE (M+P)	1330-20-7	1.00	ND	4.34	ND
XYLENE (O)	95-47-6	1.00	ND	4.34	ND
STYRENE	100-42-5	1.00	ND	4.26	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.00	ND	14.8	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

MRL - METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: AMC
 DATE: 10/21/15

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: TVH C2-C10 AS HEXANE
REFERENCE: EPA TO 3

UNITS: PPM-V

SAMPLE ID	LAB NO.	SAMPLE TYPE	DATE SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
SV-2	137442	AIR	10/15/2015	101215A1	10/16/2015	5.00	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: *AMC*
DATE: 10/21/15

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: TVH C2-C10 AS HEXANE
REFERENCE: EPA TO 3

UNITS: MG/M3

SAMPLE ID	LAB NO.	SAMPLE TYPE	DATE SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
SV-2	137442	AIR	10/15/2015	101215A1	10/16/2015	17.6	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: *YMC*
DATE: 10/21/15

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: 1,1-DIFLUOROETHANE
REFERENCE: EPA TO 3

UNITS: PPMV

SAMPLE ID	LAB NO.	SAMPLE TYPE	DATE SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
SV-2	137442	AIR	10/15/2015	101215A1	10/16/2015	10.0	ND
SV-2-LEAK	137443	AIR	10/15/2015	101215A1	10/16/2015	10.0	996
P-1	137444	AIR	10/15/2015	101215A1	10/16/2015	10.0	ND
P-1-LEAK	137445	AIR	10/15/2015	101215A1	10/16/2015	10.0	2280
P-2	137446	AIR	10/15/2015	101215A1	10/16/2015	10.0	255
P-2-LEAK	137447	AIR	10/15/2015	101215A1	10/16/2015	10.0	2990
P-3	137448	AIR	10/15/2015	101215A1	10/16/2015	10.0	ND
P-3-LEAK	137449	AIR	10/15/2015	101215A1	10/16/2015	10.0	2570

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: JMK
DATE: 10/21/15

K PRIME, INC.
LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B101415A1
SAMPLE TYPE: AIR

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

BATCH ID: 101415A1
DATE ANALYZED: 10/14/2015

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND	2.47	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.500	ND	3.50	ND
CHLOROMETHANE	74-87-3	0.500	ND	1.03	ND
VINYL CHLORIDE	75-01-4	0.500	ND	1.28	ND
BROMOMETHANE	74-83-9	0.500	ND	1.94	ND
CHLOROETHANE	75-00-3	0.500	ND	1.32	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND	2.81	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND	1.98	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	0.500	ND	1.74	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND	2.02	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND	1.98	ND
CHLOROFORM	67-66-3	0.500	ND	2.44	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND	2.73	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND	3.15	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND	2.02	ND
BENZENE	71-43-2	0.500	ND	1.60	ND
TRICHLOROETHENE	79-01-6	0.500	ND	2.69	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND	2.31	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND	2.27	ND
TOLUENE	108-88-3	0.500	ND	1.88	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND	2.27	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND	2.73	ND
TETRACHLOROETHENE	127-18-4	0.500	ND	3.39	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND	3.84	ND
CHLOROBENZENE	108-90-7	0.500	ND	2.30	ND
ETHYLBENZENE	100-41-4	0.500	ND	2.17	ND
XYLENE (M+P)	1330-20-7	0.500	ND	2.17	ND
XYLENE (O)	95-47-6	0.500	ND	2.17	ND
STYRENE	100-42-5	0.500	ND	2.13	ND
1,1,1,2-TETRACHLOROETHANE	79-34-5	0.500	ND	3.43	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND	2.46	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND	2.46	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND	3.01	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND	3.01	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND	3.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.500	ND	3.71	ND
HEXACHLOROBUTADIENE	87-68-3	0.500	ND	5.33	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

MRL - METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

LAB CONTROL ID: L101415A1
 LAB CONTROL DUPLICATE ID: D101415A1

SAMPLE TYPE: AIR
 BATCH ID: 101415A1
 DATE ANALYZED: 10/14/2015

METHOD: VOC'S IN AIR
 REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

COMPOUND NAME	SPIKE ADDED (PPB)	REPORTING LIMIT (PPB)	SAMPLE CONC (PPB)	SPIKE CONC (PPB)	SPIKE REC (%)	REC LIMITS (%)
1,1-DICHLOROETHENE	10.0	0.500	ND	7.11	71	60 - 140
TRICHLOROETHENE	10.0	0.500	ND	12.1	121	60 - 140
BENZENE	10.0	0.500	ND	6.97	70	60 - 140
TOLUENE	10.0	0.500	ND	9.63	96	60 - 140
TETRACHLOROETHENE	10.0	0.500	ND	11.5	115	60 - 140

COMPOUND NAME	SPIKE ADDED (PPB)	SPIKE DUP CONC (PPB)	SPIKE DUP REC (%)	QC LIMITS		
				RPD (%)	RPD (%)	REC (%)
1,1-DICHLOROETHENE	10.0	7.42	74	4.3	25	60 - 140
TRICHLOROETHENE	10.0	12.0	120	1.3	25	60 - 140
BENZENE	10.0	7.14	71	2.4	25	60 - 140
TOLUENE	10.0	9.66	97	0.3	25	60 - 140
TETRACHLOROETHENE	10.0	11.8	118	2.3	25	60 - 140

NOTES:

NA - NOT APPLICABLE OR AVAILABLE
 ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

K PRIME, INC.

LABORATORY QC REPORT

METHOD BLANK ID: B101215A1
LAB CONTROL SAMPLE ID: L101215A1
LAB CONTROL DUPLICATE ID: D101215A1
BATCH ID: 101215A1METHOD: TVH C2-C10 AS HEXANE
REFERENCE: EPA TO 3SAMPLE TYPE: AIR
UNITS: PPM-V

METHOD BLANK

COMPOUNDNAME	REPORTING LIMIT	SAMPLE CONC
TVH	2.50	ND

ACCURACY (LAB CONTROL SAMPLE)

COMPOUNDNAME	EXPECTED CONC	MEASURED CONC	PERCENT RECOVERY	LIMITS (PERCENT)
TVH	167	178	107	60-140

PRECISION (LAB CONTROL DUPLICATE)

COMPOUNDNAME	SAMPLE RESULT	DUPLICATE RESULT	RPD (PERCENT)	LIMITS (PERCENT)
TVH	178	179	0.5	±30

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
TVH - TOTAL VOLATILE HYDROCARBONS

K PRIME, INC.

LABORATORY QC REPORT

METHOD BLANK ID: B101215A1
LAB CONTROL SAMPLE ID: L101215A1
LAB CONTROL DUPLICATE ID: D101215A1
BATCH ID: 101215A1METHOD: TVH C2-C10 AS HEXANE
REFERENCE: EPA TO 3SAMPLE TYPE: AIR
UNITS: MG/M3

METHOD BLANK

COMPOUNDNAME	REPORTING LIMIT	SAMPLE CONC
TVH	8.79	ND

ACCURACY (LAB CONTROL SAMPLE)

COMPOUNDNAME	EXPECTED CONC	MEASURED CONC	PERCENT RECOVERY	LIMITS (PERCENT)
TVH	586	624	107	60-140

PRECISION (LAB CONTROL DUPLICATE)

COMPOUNDNAME	SAMPLE RESULT	DUPLICATE RESULT	RPD (PERCENT)	LIMITS (PERCENT)
TVH	624	628	0.5	±30

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
TVH - TOTAL VOLATILE HYDROCARBONS

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B101215A1
LAB CONTROL SAMPLE ID: L101215A1
LAB CONTROL DUPLICATE ID: D101215A1
BATCH ID: 101215A1

METHOD: 1,1-DIFLUOROETHANE
REFERENCE: EPA TO 3

SAMPLE TYPE: AIR
UNITS: PPM -V/V

METHOD BLANK

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
1,1-DIFLUOROETHANE	10.0	ND

ACCURACY (LAB CONTROL SAMPLE)

COMPOUND NAME	EXPECTED CONC	MEASURED CONC	PERCENT RECOVERY	LIMITS (PERCENT)
1,1-DIFLUOROETHANE	10000	10100	101	60-140

PRECISION (LAB CONTROL DUPLICATE)

COMPOUND NAME	SAMPLE RESULT	DUPLICATE RESULT	RPD (PERCENT)	LIMITS (PERCENT)
1,1-DIFLUOROETHANE	10100	10300	2.0	±30

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

Client/Project ID		Address/Phone		KPI Project No.		
EBA Engineering		925 Sonoma Ave, SR		9986		
Project Location		Client Project No.		ANALYSES		
Cerrito		15-2212		<input type="checkbox"/> EDF <input type="checkbox"/> Log Code: _____ Global ID _____ Expected Turnaround Time _____ Remarks _____		
Contact		Sampler (Signature)		Global ID		
Evan Platt		<i>[Signature]</i>		_____		
Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	ANALYSES
SV-2	10/15/15	12:07	137442	air	1	Full I.d VOCs, No SIM TVH - Leaks, No SIM BTEX, No SIM NaphtHc/Leak, No SIM DFA
SV-2-Leak		12:07	137443			
P-1		11:55	137444			
P-1-Leak		11:55	137445			
P-2 P-2		10:58	137446			
P-2-Leak		10:58	137447			
P-3		10:54	137448			
P-3-Leak		10:54	137449			
Relinquished by: (Signature)		<i>[Signature]</i>		Received by: (Signature)		Date 10/15/15 Time 13:15
Relinquished by: (Signature)		<i>[Signature]</i>		Received by: (Signature)		Date 10/15/15 Time 14:50
Relinquished by: (Signature)		<i>[Signature]</i>		Received by: (Signature)		Date 10/15/15 Time 14:50
Disposal Method				White Copy : Accompanies Samples		
Disposed by: (Signature)				Yellow Copy : Sampler		

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 10/21/2015

TO: MR. EVAN PLATT
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 15-2212

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeбал@ebagroup.com

FROM: Richard A. Kage1, Ph.D. *RAC 10/21/2015*
Laboratory Director

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 15-2212

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
A-3	AIR	10/15/2015	10:07	137441

The above listed sample group was received on 10/15/2015 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: A-3
LAB NO: 137441
DATE SAMPLED: 10/15/2015
TIME SAMPLED: 10:07

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE DURATION (minutes): 240
SAMPLE VOLUME (m3): 0.3600
BATCH #: 101915AR1
DATE EXTRACTED: 10/19/2015
DATE ANALYZED: 10/19/2015

METHOD: SEMI-VOLATILE COMPOUNDS IN AIR
REFERENCE: EPA TO-13M
SAMPLE TYPE: AIR/XAD
UNITS: ug/m3

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	0.556	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.556	ND
1,2-DICHLOROBENZENE	95-50-1	0.556	ND
1,3-DICHLOROBENZENE	541-73-1	0.556	ND
1,4-DICHLOROBENZENE	106-46-7	0.556	ND
2,4,5-TRICHLOROPHENOL	95-95-4	0.556	ND
2,4,6-TRICHLOROPHENOL	88-06-2	0.556	ND
2,4-DICHLOROPHENOL	120-83-2	0.556	ND
2,4-DIMETHYLPHENOL	105-67-9	0.556	ND
2,4-DINITROPHENOL	51-28-5	0.556	ND
2,4-DINITROTOLUENE	121-14-2	0.556	ND
2,6-DINITROTOLUENE	606-20-2	0.556	ND
2-CHLORONAPHTHALENE	91-58-7	0.556	ND
2-CHLOROPHENOL	95-57-8	0.556	ND
2-METHYLNAPHTHALENE	91-57-6	0.556	ND
2-METHYLPHENOL	95-48-7	0.556	ND
2-NITROANILINE	88-74-4	0.556	ND
2-NITROPHENOL	88-75-5	0.556	ND
3,3'-DICHLOROBENZIDINE	91-94-1	0.556	ND
3-NITROANILINE	99-09-2	0.556	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	0.556	ND
4-BROMOPHENYL PHENYL ETHER	101-55-3	0.556	ND
4-CHLORO-3-METHYLPHENOL	59-50-7	0.556	ND
4-CHLOROANILINE	106-47-8	0.556	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	0.556	ND
4-METHYLPHENOL	106-44-5	0.556	ND
4-NITROANILINE	100-01-6	0.556	ND
4-NITROPHENOL	100-02-7	0.556	ND
ACENAPHTHYLENE	208-96-8	0.556	ND
ANTHRACENE	120-12-7	0.556	ND
BENZO (A) ANTHRACENE	56-55-3	0.556	ND
BENZO (A) PYRENE	50-32-8	0.556	ND
BENZO (B) FLUORANTHENE	205-99-2	0.556	ND
BENZO (G,H,I) PERYLENE	191-24-2	0.556	ND
BENZO (K) FLUORANTHENE	207-08-9	0.556	ND
BENZYL ALCOHOL	100-51-6	0.556	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	0.556	ND
BIS (2-CHLOROETHYL) ETHER	111-44-4	0.556	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	0.556	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	0.556	ND
BUTYL BENZYL PHTHALATE	85-68-7	0.556	ND
CHRYSENE	218-01-9	0.556	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	0.556	ND
DIBENZOFURAN	132-64-9	0.556	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: A-3

LAB NO: 137441

DATE SAMPLED: 10/15/2015

TIME SAMPLED: 10:07

SAMPLE DURATION (minutes): 240

K PRIME PROJECT: 9986

SAMPLE VOLUME (m3): 0.3600

CLIENT PROJECT: 15-2212

BATCH #: 101915AR1

DATE EXTRACTED: 10/19/2015

DATE ANALYZED: 10/19/2015

METHOD: SEMI-VOLATILE COMPOUNDS IN AIR

SAMPLE TYPE: AIR/XAD

REFERENCE: EPA TO-13M

UNITS: ug/m3

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DIETHYLPHTHALATE	84-66-2	0.556	ND
DIMETHYL PHTHALATE	131-11-3	0.556	ND
DI-N-BUTYLPHTHALATE	84-74-2	0.556	ND
DI-N-OCTYL PHTHALATE	117-84-0	0.556	ND
FLUORANTHENE	206-44-0	0.556	ND
FLUORENE	86-73-7	0.556	ND
HEXACHLORO BENZENE	118-74-1	0.556	ND
HEXACHLOROBUTADIENE	87-68-3	0.556	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	0.556	ND
HEXACHLOROETHANE	67-72-1	0.556	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	0.556	ND
ISOPHORONE	78-59-1	0.556	ND
NAPHTHALENE	91-20-3	0.556	ND
NITROBENZENE	98-95-3	0.556	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	0.556	ND
N-NITROSODIPHENYLAMINE	86-30-6	0.556	ND
PENTACHLOROPHENOL	87-86-5	0.556	ND
PHENANTHRENE	85-01-8	0.556	ND
PHENOL	108-95-2	0.556	ND
PYRENE	129-00-0	0.556	ND

TENTATIVELY IDENTIFIED COMPOUND NAME	CAS NO.	REPORTING LIMIT	ESTIMATED SAMPLE CONC
NONE FOUND	NA	5.56	NA

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____

RML

DATE: _____

10/21/15

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B101915AR1
BATCH #: 101915AR1
DATE EXTRACTED: 10/19/2015
DATE ANALYZED: 10/19/2015

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA TO-13M

SAMPLE TYPE: AIR/XAD
UNITS: ug/m3

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	0.556	ND
ACENAPHTHYLENE	208-96-8	0.556	ND
ANTHRACENE	120-12-7	0.556	ND
BENZO (A) ANTHRACENE	56-55-3	0.556	ND
BENZO (B) FLUORANTHENE	205-99-2	0.556	ND
BENZO (K) FLUORANTHENE	207-08-9	0.556	ND
BENZO (A) PYRENE	50-32-8	0.556	ND
BENZO (G,H,I) PERYLENE	191-24-2	0.556	ND
BENZYL ALCOHOL	100-51-6	0.556	ND
BUTYL BENZYL PHTHALATE	85-68-7	0.556	ND
BIS (2-CHLOROETHYL) ETHER	111-44-4	0.556	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	0.556	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	0.556	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	0.556	ND
4-BROMOPHENYL PHENYL ETHER	101-55-3	0.556	ND
4-CHLOROANILINE	106-47-8	0.556	ND
2-CHLORONAPHTHALENE	91-58-7	0.556	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	0.556	ND
CHRYSENE	218-01-9	0.556	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	0.556	ND
DIBENZOFURAN	132-64-9	0.556	ND
DI-N-BUTYLPHTHALATE	84-74-2	0.556	ND
1,2-DICHLOROBENZENE	95-50-1	0.556	ND
1,3-DICHLOROBENZENE	541-73-1	0.556	ND
1,4-DICHLOROBENZENE	106-46-7	0.556	ND
3,3'-DICHLOROBENZIDINE	91-94-1	0.556	ND
DIETHYLPHTHALATE	84-66-2	0.556	ND
DIMETHYL PHTHALATE	131-11-3	0.556	ND
2,4-DINITROTOLUENE	121-14-2	0.556	ND
2,6-DINITROTOLUENE	606-20-2	0.556	ND
DI-N-OCTYL PHTHALATE	117-84-0	0.556	ND
FLUORANTHENE	206-44-0	0.556	ND
FLUORENE	86-73-7	0.556	ND
HEXACHLOROBENZENE	118-74-1	0.556	ND
HEXACHLOROBUTADIENE	87-68-3	0.556	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	0.556	ND
HEXACHLOROETHANE	67-72-1	0.556	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	0.556	ND
ISOPHORONE	78-59-1	0.556	ND

K PRIME, INC.
LABORATORY QC REPORT

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA TO-13M

COMPOUND NAME	CAS NO.		SAMPLE CONC
2-METHYLNAPHTHALENE	91-57-6	0.556	ND
NAPHTHALENE	91-20-3	0.556	ND
2-NITROANILINE	88-74-4	0.556	ND
3-NITROANILINE	99-09-2	0.556	ND
4-NITROANILINE	100-01-6	0.556	ND
NITROBENZENE	98-95-3	0.556	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	0.556	ND
N-NITROSODIPHENYLAMINE	86-30-6	0.556	ND
PHENANTHRENE	85-01-8	0.556	ND
PYRENE	129-00-0	0.556	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.556	ND

ACID EXTRACTABLES

4-CHLORO-3-METHYLPHENOL	59-50-7	0.556	ND
2-CHLOROPHENOL	95-57-8	0.556	ND
2,4-DICHLOROPHENOL	120-83-2	0.556	ND
2,4-DIMETHYLPHENOL	105-67-9	0.556	ND
2,4-DINITROPHENOL	51-28-5	0.556	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	0.556	ND
2-NITROPHENOL	88-75-5	0.556	ND
4-NITROPHENOL	100-02-7	0.556	ND
PENTACHLOROPHENOL	87-86-5	0.556	ND
PHENOL	108-95-2	0.556	ND
2-METHYLPHENOL	95-48-7	0.556	ND
4-METHYLPHENOL	106-44-5	0.556	ND
2,4,5-TRICHLOROPHENOL	95-95-4	0.556	ND
2,4,6-TRICHLOROPHENOL	88-06-2	0.556	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L101915AR1
DUPLICATE ID: D101915AR1
BATCH #: 101915AR1
DATE EXTRACTED: 10/19/2015
DATE ANALYZED: 10/19/2015

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS **SAMPLE TYPE:** AIR/XAD
REFERENCE: EPA TO-13M **UNITS:** ug/m3

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
ACENAPHTHENE	55.6	ND	43.3	78	47-145
1,4-DICHLOROBENZENE	55.6	ND	43.9	79	20-124
2,4-DINITROTOLUENE	55.6	ND	33.5	60	60-140
PYRENE	55.6	ND	58.0	104	60-140
1,2,4-TRICHLOROBENZENE	55.6	ND	42.8	77	60-140
4-CHLORO-3-METHYLPHENOL	111	ND	95.5	86	20-140
2-CHLOROPHENOL	111	ND	90.7	82	D-140
4-NITROPHENOL	111	ND	66.2	60	D-140
PENTACHLOROPHENOL	111	ND	75.9	68	D-140
PHENOL	111	ND	78.5	71	30-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
ACENAPHTHENE	0.556	43.3	43.2	0.3	±20
1,4-DICHLOROBENZENE	0.556	43.9	43.9	0.2	±20
2,4-DINITROTOLUENE	0.556	33.5	33.6	0.1	±20
PYRENE	0.556	58.0	60.3	3.9	±20
1,2,4-TRICHLOROBENZENE	0.556	42.8	42.8	0.2	±20
4-CHLORO-3-METHYLPHENOL	0.556	95.5	95.3	0.2	±20
2-CHLOROPHENOL	0.556	90.7	89.5	1.3	±20
4-NITROPHENOL	0.556	66.2	65.7	0.9	±20
PENTACHLOROPHENOL	0.556	75.9	75.1	1.1	±20
PHENOL	0.556	78.5	78.6	0.1	±20

NOTES:

ND = NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
D = DETECTED

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 10/26/2015

TO: MR. EVAN PLATT
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 15-2212

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kagel, Ph.D. *AMC 10/26/2015*
Laboratory Director

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 15-2212

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
SV-1	AIR	10/20/2015	15:52	137608
SV-1-LEAK	AIR	10/20/2015	15:52	137609

The above listed sample group was received on 10/21/2015 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

METHOD: VOC'S IN AIR
 REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

SAMPLE ID: SV-1
 LAB NO: 137608
 SAMPLE TYPE: AIR
 DATE SAMPLED: 10/20/2015
 TIME SAMPLED: 15:52
 BATCH ID: 102115A1
 DATE ANALYZED: 10/23/2015

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND	7.66	ND
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	9.74	4.88	47.6
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	1.07	3.19	3.42
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	2.34	3.77	8.82
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
TETRACHLOROETHENE	127-18-4	1.00	4.29	6.78	29.1
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	ND	4.34	ND
XYLENE (M+P)	1330-20-7	1.00	3.43	4.34	14.9
XYLENE (O)	95-47-6	1.00	1.29	4.34	5.60
STYRENE	100-42-5	1.00	1.93	4.26	8.22
1,1,1,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	2.82	4.92	13.9
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.00	ND	14.8	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

MRL - METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: AMC
 DATE: 10/26/15

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: TVH C2-C10 AS HEXANE
REFERENCE: EPA TO 3

UNITS: PPM-V

SAMPLE ID	LAB NO.	SAMPLE TYPE	DATE SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
SV-1	137608	AIR	10/20/2015	102215A1	10/26/2015	5.00	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

MRL - METHOD REPORTING LIMIT

APPROVED BY: JAM
DATE: 10/26/15

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: TVH C2-C10 AS HEXANE
REFERENCE: EPA TO 3

UNITS: MG/M3

SAMPLE ID	LAB NO.	SAMPLE TYPE	DATE SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
SV-1	137608	AIR	10/20/2015	102215A1	10/26/2015	17.6	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: RAM
DATE: 10/26/15

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: 1,1-DIFLUOROETHANE
REFERENCE: EPA TO 3

UNITS: PPMV

SAMPLE ID	LAB NO.	SAMPLE TYPE	DATE SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
SV-1	137608	AIR	10/20/2015	102215A1	10/26/2015	10.0	ND
SV-1-LEAK	137609	AIR	10/20/2015	102215A1	10/22/2015	10.0	1690

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: *AM*
DATE: 10/26/15

K PRIME, INC.
LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B102115A1
SAMPLE TYPE: AIR

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

BATCH ID: 102115A1
DATE ANALYZED: 10/21/2015

COMPOUND NAME	CAS NO.	PPB (V/V)		µg/cu. m	
		MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND	2.47	ND
DICHLOROTETRAFLUROETHANE	76-14-2	0.500	ND	3.50	ND
CHLOROMETHANE	74-87-3	0.500	ND	1.03	ND
VINYL CHLORIDE	75-01-4	0.500	ND	1.28	ND
BROMOMETHANE	74-83-9	0.500	ND	1.94	ND
CHLOROETHANE	75-00-3	0.500	ND	1.32	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND	2.81	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND	1.98	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	0.500	ND	1.74	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND	2.02	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND	1.98	ND
CHLOROFORM	67-66-3	0.500	ND	2.44	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND	2.73	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND	3.15	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND	2.02	ND
BENZENE	71-43-2	0.500	ND	1.60	ND
TRICHLOROETHENE	79-01-6	0.500	ND	2.69	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND	2.31	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND	2.27	ND
TOLUENE	108-88-3	0.500	ND	1.88	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND	2.27	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND	2.73	ND
TETRACHLOROETHENE	127-18-4	0.500	ND	3.39	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND	3.84	ND
CHLOROBENZENE	108-90-7	0.500	ND	2.30	ND
ETHYLBENZENE	100-41-4	0.500	ND	2.17	ND
XYLENE (M+P)	1330-20-7	0.500	ND	2.17	ND
XYLENE (O)	95-47-6	0.500	ND	2.17	ND
STYRENE	100-42-5	0.500	ND	2.13	ND
1,1,1,2-TETRACHLOROETHANE	79-34-5	0.500	ND	3.43	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND	2.46	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND	2.46	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND	3.01	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND	3.01	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND	3.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.500	ND	3.71	ND
HEXACHLOROBUTADIENE	87-68-3	0.500	ND	5.33	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

MRL - METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

LAB CONTROL ID: L102115A1
 LAB CONTROL DUPLICATE ID: D102115A1

SAMPLE TYPE: AIR
 BATCH ID: 102115A1
 DATE ANALYZED: 10/21/2015

METHOD: VOC'S IN AIR
 REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

COMPOUND NAME	SPIKE ADDED (PPB)	REPORTING LIMIT (PPB)	SAMPLE CONC (PPB)	SPIKE CONC (PPB)	SPIKE REC (%)	REC LIMITS (%)
1,1-DICHLOROETHENE	10.0	0.500	ND	8.00	80	60 - 140
TRICHLOROETHENE	10.0	0.500	ND	11.2	112	60 - 140
BENZENE	10.0	0.500	ND	7.47	75	60 - 140
TOLUENE	10.0	0.500	ND	9.22	92	60 - 140
TETRACHLOROETHENE	10.0	0.500	ND	11.8	118	60 - 140

COMPOUND NAME	SPIKE ADDED (PPB)	SPIKE DUP CONC (PPB)	SPIKE DUP REC (%)	QC LIMITS		
				RPD (%)	RPD (%)	REC (%)
1,1-DICHLOROETHENE	10.0	8.07	81	0.9	25	60 - 140
TRICHLOROETHENE	10.0	11.3	113	1.1	25	60 - 140
BENZENE	10.0	7.45	75	0.3	25	60 - 140
TOLUENE	10.0	9.38	94	1.7	25	60 - 140
TETRACHLOROETHENE	10.0	12.1	121	2.1	25	60 - 140

NOTES:

NA - NOT APPLICABLE OR AVAILABLE
 ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

K PRIME, INC.

LABORATORY QC REPORT

METHOD BLANK ID: B102215A1
LAB CONTROL SAMPLE ID: L102215A1
LAB CONTROL DUPLICATE ID: D102215A1
BATCH ID: 102215A1

METHOD: TVH C2-C10 AS HEXANE
REFERENCE: EPA TO 3

SAMPLE TYPE: AIR
UNITS: PPM-V

METHOD BLANK

COMPOUNDNAME	REPORTING LIMIT	SAMPLE CONC
TVH	2.50	ND

ACCURACY (LAB CONTROL SAMPLE)

COMPOUNDNAME	EXPECTED CONC	MEASURED CONC	PERCENT RECOVERY	LIMITS (PERCENT)
TVH	167	177	106	60-140

PRECISION (LAB CONTROL DUPLICATE)

COMPOUNDNAME	SAMPLE RESULT	DUPLICATE RESULT	RPD (PERCENT)	LIMITS (PERCENT)
TVH	177	168	5.2	±30

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
TVH - TOTAL VOLATILE HYDROCARBONS

K PRIME, INC.

LABORATORY QC REPORT

METHOD BLANK ID: B102215A1
LAB CONTROL SAMPLE ID: L102215A1
LAB CONTROL DUPLICATE ID: D102215A1
BATCH ID: 102215A1

METHOD: TVH C2-C10 AS HEXANE
REFERENCE: EPA TO 3

SAMPLE TYPE: AIR
UNITS: MG/M3

METHOD BLANK

COMPOUNDNAME	REPORTING LIMIT	SAMPLE CONC
TVH	8.79	ND

ACCURACY (LAB CONTROL SAMPLE)

COMPOUNDNAME	EXPECTED CONC	MEASURED CONC	PERCENT RECOVERY	LIMITS (PERCENT)
TVH	586	624	106	60-140

PRECISION (LAB CONTROL DUPLICATE)

COMPOUNDNAME	SAMPLE RESULT	DUPLICATE RESULT	RPD (PERCENT)	LIMITS (PERCENT)
TVH	624	592	5.2	±30

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
TVH - TOTAL VOLATILE HYDROCARBONS

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B102215A1
LAB CONTROL SAMPLE ID: L102215A1
LAB CONTROL DUPLICATE ID: D102215A1
BATCH ID: 102215A1

METHOD: 1,1-DIFLUOROETHANE
REFERENCE: EPA TO 3

SAMPLE TYPE: AIR
UNITS: PPM -V/V

METHOD BLANK

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
1,1-DIFLUOROETHANE	10.0	ND

ACCURACY (LAB CONTROL SAMPLE)

COMPOUND NAME	EXPECTED CONC	MEASURED CONC	PERCENT RECOVERY	LIMITS (PERCENT)
1,1-DIFLUOROETHANE	10000	9460	95	60-140

PRECISION (LAB CONTROL DUPLICATE)

COMPOUND NAME	SAMPLE RESULT	DUPLICATE RESULT	RPD (PERCENT)	LIMITS (PERCENT)
1,1-DIFLUOROETHANE	9460	9320	1.5	±30

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 10/28/2015

TO: MR. EVAN PLATT
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 15-2212

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kage1, Ph.D.
Laboratory Director

*RAK by AW
10/28/2015*

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 15-2212

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
SB-2-W	WATER	10/19/2015	15:40	137572
SB-6-W	WATER	10/19/2015	16:00	137573
SB-8-W	WATER	10/20/2015	14:00	137574
SB-15-W	WATER	10/20/2015	13:50	137575

The above listed sample group was received on 10/21/2015 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

SAMPLE TYPE: WATER
UNITS: mg/L

SAMPLE ID	LAB NO.	DATE SAMPLED	TIME SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC	GRO PATTERN
SB-2-W	137572	10/19/2015	15:40	102215W1	10/23/2015	0.050	ND	
SB-6-W	137573	10/19/2015	16:00	102215W1	10/23/2015	0.050	0.069	
SB-8-W	137574	10/20/2015	14:00	102215W1	10/23/2015	0.050	ND	
SB-15-W	137575	10/20/2015	13:50	102215W1	10/23/2015	0.050	ND	

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

MRL - METHOD REPORTING LIMIT

AE - UNKNOWN HYDROCARBON WITH A SINGLE PEAK

AN - UNKNOWN HYDROCARBON WITH SEVERAL PEAKS

AS - HEAVIER HYDROCARBON THAN GASOLINE CONTRIBUTING TO GRO VALUE

CO - HYDROCARBON RESPONSE IN GASOLINE RANGE BUT DOES NOT RESEMBLE GASOLINE

APPROVED BY:
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-2-W
LAB NO: 137572
DATE SAMPLED: 10/19/2015
TIME SAMPLED: 15:40
BATCH #: 101615W1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND
CHLOROMETHANE	74-87-3	0.500	ND
VINYL CHLORIDE	75-01-4	0.500	ND
BROMOMETHANE	74-83-9	0.500	ND
CHLOROETHANE	75-00-3	0.500	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND
2,2-DICHLOROPROPANE	594-20-7	0.500	ND
BROMOCHLOROMETHANE	74-97-5	0.500	ND
CHLOROFORM	67-66-3	0.500	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND
1,1-DICHLOROPROPENE	563-58-6	0.500	ND
BENZENE	71-43-2	0.500	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND
TRICHLOROETHENE	79-01-6	0.500	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND
DIBROMOMETHANE	74-95-3	0.500	ND
BROMODICHLOROMETHANE	75-27-4	0.500	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND
TOLUENE	108-88-3	0.500	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND
TETRACHLOROETHENE	127-18-4	0.500	ND
1,3-DICHLOROPROPANE	142-28-9	0.500	ND
DIBROMOCHLOROMETHANE	124-48-1	0.500	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND
CHLOROBENZENE	108-90-7	0.500	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND
STYRENE	100-42-5	0.500	ND
BROMOFORM	75-25-2	0.500	ND
ISOPROPYLBENZENE	98-82-8	0.500	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND
BROMOBENZENE	108-86-1	0.500	ND
1,2,3-TRICHLOROPROPANE	96-18-4	0.500	ND
N-PROPYLBENZENE	103-65-1	0.500	ND
2-CHLOROTOLUENE	95-49-8	0.500	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-2-W
LAB NO: 137572
DATE SAMPLED: 10/19/2015
TIME SAMPLED: 15:40
BATCH #: 101615W1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND
4-CHLOROTOLUENE	106-43-4	0.500	ND
TERT-BUTYLBENZENE	98-06-6	0.500	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND
4-ISOPROPYLTOLUENE	99-87-6	0.500	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND
N-BUTYLBENZENE	104-51-8	0.500	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.500	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	104
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	96

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: UW
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-6-W
LAB NO: 137573
DATE SAMPLED: 10/19/2015
TIME SAMPLED: 16:00
BATCH #: 101615W1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND
CHLOROMETHANE	74-87-3	0.500	ND
VINYL CHLORIDE	75-01-4	0.500	ND
BROMOMETHANE	74-83-9	0.500	ND
CHLOROETHANE	75-00-3	0.500	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND
2,2-DICHLOROPROPANE	594-20-7	0.500	ND
BROMOCHLOROMETHANE	74-97-5	0.500	ND
CHLOROFORM	67-66-3	0.500	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND
1,1-DICHLOROPROPENE	563-58-6	0.500	ND
BENZENE	71-43-2	0.500	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND
TRICHLOROETHENE	79-01-6	0.500	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND
DIBROMOMETHANE	74-95-3	0.500	ND
BROMODICHLOROMETHANE	75-27-4	0.500	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND
TOLUENE	108-88-3	0.500	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND
TETRACHLOROETHENE	127-18-4	0.500	ND
1,3-DICHLOROPROPANE	142-28-9	0.500	ND
DIBROMOCHLOROMETHANE	124-48-1	0.500	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND
CHLOROBENZENE	108-90-7	0.500	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND
STYRENE	100-42-5	0.500	ND
BROMOFORM	75-25-2	0.500	ND
ISOPROPYLBENZENE	98-82-8	0.500	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND
BROMOBENZENE	108-86-1	0.500	ND
1,2,3-TRICHLOROPROPANE	96-18-4	0.500	ND
N-PROPYLBENZENE	103-65-1	0.500	ND
2-CHLOROTOLUENE	95-49-8	0.500	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-6-W
LAB NO: 137573
DATE SAMPLED: 10/19/2015
TIME SAMPLED: 16:00
BATCH #: 101615W1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND
4-CHLOROTOLUENE	106-43-4	0.500	ND
TERT-BUTYLBENZENE	98-06-6	0.500	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND
4-ISOPROPYLTOLUENE	99-87-6	0.500	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND
N-BUTYLBENZENE	104-51-8	0.500	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.500	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	105
TOLUENE-D8	104
4-BROMOFLUOROBENZENE	97

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: UCh
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-8-W
LAB NO: 137574
DATE SAMPLED: 10/20/2015
TIME SAMPLED: 14:00
BATCH #: 101615W1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND
CHLOROMETHANE	74-87-3	0.500	ND
VINYL CHLORIDE	75-01-4	0.500	ND
BROMOMETHANE	74-83-9	0.500	ND
CHLOROETHANE	75-00-3	0.500	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND
2,2-DICHLOROPROPANE	594-20-7	0.500	ND
BROMOCHLOROMETHANE	74-97-5	0.500	ND
CHLOROFORM	67-66-3	0.500	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND
1,1-DICHLOROPROPENE	563-58-6	0.500	ND
BENZENE	71-43-2	0.500	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND
TRICHLOROETHENE	79-01-6	0.500	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND
DIBROMOMETHANE	74-95-3	0.500	ND
BROMODICHLOROMETHANE	75-27-4	0.500	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND
TOLUENE	108-88-3	0.500	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND
TETRACHLOROETHENE	127-18-4	0.500	ND
1,3-DICHLOROPROPANE	142-28-9	0.500	ND
DIBROMOCHLOROMETHANE	124-48-1	0.500	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND
CHLOROBENZENE	108-90-7	0.500	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND
STYRENE	100-42-5	0.500	ND
BROMOFORM	75-25-2	0.500	ND
ISOPROPYLBENZENE	98-82-8	0.500	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND
BROMOBENZENE	108-86-1	0.500	ND
1,2,3-TRICHLOROPROPANE	96-18-4	0.500	ND
N-PROPYLBENZENE	103-65-1	0.500	ND
2-CHLOROTOLUENE	95-49-8	0.500	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-8-W
LAB NO: 137574
DATE SAMPLED: 10/20/2015
TIME SAMPLED: 14:00
BATCH #: 101615W1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND
4-CHLOROTOLUENE	106-43-4	0.500	ND
TERT-BUTYLBENZENE	98-06-6	0.500	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND
4-ISOPROPYLTOLUENE	99-87-6	0.500	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND
N-BUTYLBENZENE	104-51-8	0.500	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.500	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUROMETHANE	105
TOLUENE-D8	103
4-BROMOFLUOROBENZENE	95

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-15-W
LAB NO: 137575
DATE SAMPLED: 10/20/2015
TIME SAMPLED: 13:50
BATCH #: 101615W1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	0.950
CHLOROMETHANE	74-87-3	0.500	ND
VINYL CHLORIDE	75-01-4	0.500	ND
BROMOMETHANE	74-83-9	0.500	ND
CHLOROETHANE	75-00-3	0.500	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND
2,2-DICHLOROPROPANE	594-20-7	0.500	ND
BROMOCHLOROMETHANE	74-97-5	0.500	ND
CHLOROFORM	67-66-3	0.500	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND
1,1-DICHLOROPROPENE	563-58-6	0.500	ND
BENZENE	71-43-2	0.500	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND
TRICHLOROETHENE	79-01-6	0.500	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND
DIBROMOMETHANE	74-95-3	0.500	ND
BROMODICHLOROMETHANE	75-27-4	0.500	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND
TOLUENE	108-88-3	0.500	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND
TETRACHLOROETHENE	127-18-4	0.500	ND
1,3-DICHLOROPROPANE	142-28-9	0.500	ND
DIBROMOCHLOROMETHANE	124-48-1	0.500	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND
CHLOROBENZENE	108-90-7	0.500	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND
STYRENE	100-42-5	0.500	ND
BROMOFORM	75-25-2	0.500	ND
ISOPROPYLBENZENE	98-82-8	0.500	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND
BROMOBENZENE	108-86-1	0.500	ND
1,2,3-TRICHLOROPROPANE	96-18-4	0.500	ND
N-PROPYLBENZENE	103-65-1	0.500	1.03
2-CHLOROTOLUENE	95-49-8	0.500	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-15-W
LAB NO: 137575
DATE SAMPLED: 10/20/2015
TIME SAMPLED: 13:50
BATCH #: 101615W1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND
4-CHLOROTOLUENE	106-43-4	0.500	ND
TERT-BUTYLBENZENE	98-06-6	0.500	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND
4-ISOPROPYLTOLUENE	99-87-6	0.500	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND
N-BUTYLBENZENE	104-51-8	0.500	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.500	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	105
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	98

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: UW
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: WATER
UNITS: mg/L

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	DRO PATTERN
SB-2-W	137572	10/19/2015	102615W1	10/26/2015	10/26/2015	0.053	ND	
SB-15-W	137575	10/20/2015	102615W1	10/26/2015	10/26/2015	0.063	ND	

NOTES:

DRO Diesel Range Organics (C12-C34) with Silica Gel Cleanup
ND Not Detected at or above the stated MRL
NA Not Applicable or Available
MRL Method Reporting Limit
AD Typical pattern for diesel
AM Hydrocarbon response is in the C12-C22 range
AC Heavier hydrocarbons contributing to diesel range quantitation
AJ Heavier hydrocarbon than diesel
AK Lighter hydrocarbon than diesel
AE Unknown hydrocarbon with a single peak
AN Unknown hydrocarbon with several peaks

APPROVED BY: CW
DATE: 10/28/2015

K PRIME, INC.
 LABORATORY QUALITY CONTROL REPORT

METHOD BLANK ID: B102215W1
 SAMPLE TYPE: WATER

METHOD: GRO-GASOLINE RANGE ORGANICS
 REFERENCE: EPA 8015B

BATCH #: 102215W1
 DATE EXTRACTED: 10/22/2015
 DATE ANALYZED: 10/22/2015

UNITS: mg/L

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
TPH-G	0.050	ND

SAMPLE ID: L102215W1
 DUPLICATE ID: D102215W1
 BATCH #: 102215W1
 SAMPLE TYPE: WATER
 UNITS: mg/L

DATE EXTRACTED: 10/22/2015
 DATE ANALYZED: 10/22/2015

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
TPH-G	0.500	ND	0.535	107	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
TPH-G	0.050	0.535	0.520	2.8	±20

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE

K PRIME, INC.

LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B101615W1

BATCH #: 101615W1

DATE ANALYZED: 10/16/2015

METHOD: VOLATILE ORGANIC COMPOUNDS

SAMPLE TYPE: WATER

REFERENCE: EPA 5030/8260

UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND
CHLOROMETHANE	74-87-3	0.500	ND
VINYL CHLORIDE	75-01-4	0.500	ND
BROMOMETHANE	74-83-9	0.500	ND
CHLOROETHANE	75-00-3	0.500	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND
METHYLENE CHLORIDE	75-09-2	2.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND
2,2-DICHLOROPROPANE	594-20-7	0.500	ND
BROMOCHLOROMETHANE	74-97-5	0.500	ND
CHLOROFORM	67-66-3	0.500	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND
1,1-DICHLOROPROPENE	563-58-6	0.500	ND
BENZENE	71-43-2	0.500	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND
TRICHLOROETHENE	79-01-6	0.500	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND
DIBROMOMETHANE	74-95-3	0.500	ND
BROMODICHLOROMETHANE	75-27-4	0.500	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND
TOLUENE	108-88-3	0.500	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND
TETRACHLOROETHENE	127-18-4	0.500	ND
1,3-DICHLOROPROPANE	142-28-9	0.500	ND
DIBROMOCHLOROMETHANE	124-48-1	0.500	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND
CHLOROBENZENE	108-90-7	0.500	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	0.500	ND
ETHYLBENZENE	100-41-4	0.500	ND
XYLENE (M+P)	1330-20-7	0.500	ND
XYLENE (O)	1330-20-7	0.500	ND
STYRENE	100-42-5	0.500	ND
BROMOFORM	75-25-2	0.500	ND
ISOPROPYLBENZENE	98-82-8	0.500	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND
BROMOBENZENE	108-86-1	0.500	ND
1,2,3-TRICHLOROPROPANE	96-18-4	0.500	ND
N-PROPYLBENZENE	103-65-1	0.500	ND
2-CHLOROTOLUENE	95-49-8	0.500	ND

K PRIME, INC.

LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B101615W1

BATCH #: 101615W1

DATE ANALYZED: 10/16/2015

METHOD: VOLATILE ORGANIC COMPOUNDS

SAMPLE TYPE: WATER

REFERENCE: EPA 5030/8260

UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND
4-CHLOROTOLUENE	106-43-4	0.500	ND
TERT-BUTYLBENZENE	98-06-6	0.500	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND
SEC-BUTYLBENZENE	135-98-8	0.500	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND
4-ISOPROPYLTOLUENE	99-87-6	0.500	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND
N-BUTYLBENZENE	104-51-8	0.500	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.500	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND
NAPHTHALENE	91-20-3	1.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	103
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	94

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5030/8260

SAMPLE ID: B101615W1
SPIKE ID: L101615W1
DUPLICATE ID: D101615W1
BATCH #: 101615W1
SAMPLE TYPE: WATER
UNITS: µg/L

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
1,1 DICHLOROETHENE	10.0	ND	7.96	80	60-140
BENZENE	10.0	ND	9.70	97	60-140
TRICHLOROETHENE	10.0	ND	9.21	92	60-140
TOLUENE	10.0	ND	9.04	90	60-140
CHLOROBENZENE	10.0	ND	8.36	84	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
1,1 DICHLOROETHENE	0.500	7.96	7.93	0.4	±20
BENZENE	0.500	9.70	9.61	0.9	±20
TRICHLOROETHENE	0.500	9.21	9.19	0.2	±20
TOLUENE	0.500	9.04	8.96	0.9	±20
CHLOROBENZENE	0.500	8.36	8.29	0.8	±20

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
 LABORATORY QUALITY CONTROL REPORT

BATCH ID: 102615W1
 DATE EXTRACTED: 10/26/2015
 DATE ANALYZED: 10/26/2015

METHOD: DRO
 REFERENCE: EPA 8015B

SAMPLE TYPE: WATER
 UNITS: mg/L

METHOD BLANK ID: B102615W1

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
DRO	0.050	ND

SAMPLE ID: L102615W1
 DUPLICATE ID: D102615W1

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DRO	2.50	ND	2.02	81	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DRO	0.050	2.02	2.09	3.7	±20

NOTES:

DRO - DIESEL RANGE ORGANICS (C12-C34)
 ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

Client/Project ID		Address/Phone		ANALYSES		KPI Project No.	
EBA ENGINEERING		825 SONOMA AVE		VOCs		9986	
Project Location		Client Project No.		EDF		Log Code:	
CERNA		15-2212		<input type="checkbox"/>			
Contact		Sampler (Signature)		Global ID			
E. PRATT		<i>[Signature]</i>					
Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	Expected Turnaround Time	Remarks
SB-2-W	10/19/15	1540	137572	WATER	6	5-DAY	Please hold
SB-6-W	↓	1600	137573	↓	6		extra
SB-8-W	10/20/15	1400	137574	↓	4		amber
SB-15-W	↓	1350	137575	↓	6		for possible
							8270/metal
							analysis
							*per Evan 10/21/15
							luc
Relinquished by: (Signature)		<i>[Signature]</i>		Received by: (Signature)		Date	Time
Relinquished by: (Signature)		<i>[Signature]</i>		Received by: (Signature)		10/21/15	15:05
Relinquished by: (Signature)		<i>[Signature]</i>		Received by: (Signature)		Date	Time
Disposal Method				Received by: (Signature)		Date	Time
Disposed by: (Signature)				Received by: (Signature)		Date	Time
		Date		Time		White Copy : Accompanies Samples Yellow Copy : Sampler	

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 10/28/2015

TO: MR. EVAN PLATT
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 15-2212

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kagel, Ph.D.
Laboratory Director

*RAK/bjw
10/28/2015*

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 15-2212

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
SB-1-0.5	SOIL	10/19/2015	09:00	137576
SB-2-0.5	SOIL	10/19/2015	09:50	137577
SB-5-0.5	SOIL	10/19/2015	10:35	137578
SB-6-0.5	SOIL	10/19/2015	11:05	137579
SB-7-0.5	SOIL	10/19/2015	11:45	137580
SB-8-0.5	SOIL	10/19/2015	13:00	137581
SB-11-0.5	SOIL	10/19/2015	13:25	137582
SB-12-0.5	SOIL	10/19/2015	13:45	137583
SB-1-7	SOIL	10/19/2015	09:20	137584
SB-2-7	SOIL	10/19/2015	10:05	137585
SB-5-8	SOIL	10/19/2015	10:45	137586
SB-6-8	SOIL	10/19/2015	11:10	137587
SB-6-14	SOIL	10/19/2015	11:20	137588
SB-7-7	SOIL	10/19/2015	11:50	137589
SB-8-8	SOIL	10/19/2015	13:05	137590
SB-11-8	SOIL	10/19/2015	13:30	137591
SB-12-7.5	SOIL	10/19/2015	13:50	137592
SB-4-0.5	SOIL	10/20/2015	13:35	137593
SB-10-2	SOIL	10/20/2015	15:10	137594
SB-3-1.5	SOIL	10/19/2015	14:10	137595
SB-9-2	SOIL	10/19/2015	15:20	137596
SB-13-1.5	SOIL	10/19/2015	16:00	137597
SV-2-2	SOIL	10/14/2015	10:40	137598
SV-2-5	SOIL	10/14/2015	10:55	137599
SB-15-10	SOIL	10/20/2015	08:38	137600
SB-16-10	SOIL	10/20/2015	10:05	137601

COMP-N-SHALLOW	SOIL	10/19/2015	NA	137602
COMP-S-SHALLOW	SOIL	10/19/2015	NA	137603
COMP-N-NATIVE	SOIL	10/19/2015	NA	137604
COMP-S-NATIVE	SOIL	10/19/2015	NA	137605
COMP-W-SHALLOW	SOIL	10/20/2015	NA	137606
COMP-E-SHALLOW	SOIL	10/19/2015	NA	137607

The above listed sample group was received on 10/21/2015 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.

Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

SAMPLE ID	LAB NO.	DATE SAMPLED	TIME SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC	GRO PATTERN
SB-6-14	137588	10/19/2015	11:20	101515S1	10/26/2015	1.00	17.0	
SV-2-2	137598	10/14/2015	10:40	101515S1	10/26/2015	1.00	ND	
SV-2-5	137599	10/14/2015	10:55	101515S1	10/26/2015	1.00	ND	
SB-15-9.5	137600	10/20/2015	8:38	101515S1	10/26/2015	10.1	283	
SB-16-10	137601	10/20/2015	10:05	101515S1	10/26/2015	9.56	925	

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

MRL - METHOD REPORTING LIMIT

AE - UNKNOWN HYDROCARBON WITH A SINGLE PEAK

AN - UNKNOWN HYDROCARBON WITH SEVERAL PEAKS

AS - HEAVIER HYDROCARBON THAN GASOLINE CONTRIBUTING TO GRO VALUE

CO - HYDROCARBON RESPONSE IN GASOLINE RANGE BUT DOES NOT RESEMBLE GASOLINE

APPROVED BY: *MW*
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-6-14
LAB NO: 137588
DATE SAMPLED: 10/19/2015
TIME SAMPLED: 11:20
BATCH #: 102015S1
DATE ANALYZED: 10/27/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	20.3	ND
CHLOROMETHANE	74-87-3	20.3	ND
VINYL CHLORIDE	75-01-4	20.3	ND
BROMOMETHANE	74-83-9	20.3	ND
CHLOROETHANE	75-00-3	20.3	ND
TRICHLOROFLUOROMETHANE	75-69-4	20.3	ND
1,1-DICHLOROETHENE	75-35-4	20.3	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	20.3	ND
METHYLENE CHLORIDE	75-09-2	102	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	20.3	ND
1,1-DICHLOROETHANE	75-34-3	20.3	ND
CIS-1,2-DICHLOROETHENE	156-59-2	20.3	ND
2,2-DICHLOROPROPANE	594-20-7	20.3	ND
BROMOCHLOROMETHANE	74-97-5	20.3	ND
CHLOROFORM	67-66-3	20.3	ND
1,1,1-TRICHLOROETHANE	71-55-6	20.3	ND
CARBON TETRACHLORIDE	56-23-5	20.3	ND
1,1-DICHLOROPROPENE	563-58-6	20.3	ND
BENZENE	71-43-2	20.3	ND
1,2-DICHLOROETHANE	107-06-2	20.3	ND
TRICHLOROETHENE	79-01-6	20.3	ND
1,2-DICHLOROPROPANE	78-87-5	20.3	ND
DIBROMOMETHANE	74-95-3	20.3	ND
BROMODICHLOROMETHANE	75-27-4	20.3	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	20.3	ND
TOLUENE	108-88-3	20.3	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	20.3	ND
1,1,2-TRICHLOROETHANE	79-00-5	20.3	ND
TETRACHLOROETHENE	127-18-4	20.3	54.6
1,3-DICHLOROPROPANE	142-28-9	20.3	ND
DIBROMOCHLOROMETHANE	124-48-1	20.3	ND
1,2-DIBROMOETHANE	106-93-4	20.3	ND
CHLOROBENZENE	108-90-7	20.3	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	20.3	ND
ETHYLBENZENE	100-41-4	20.3	ND
XYLENE (M+P)	1330-20-7	20.3	ND
XYLENE (O)	1330-20-7	20.3	ND
STYRENE	100-42-5	20.3	ND
BROMOFORM	75-25-2	20.3	ND
ISOPROPYLBENZENE	98-82-8	20.3	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	20.3	ND
BROMOBENZENE	108-86-1	20.3	ND
1,2,3-TRICHLOROPROPANE	96-18-4	20.3	ND
N-PROPYLBENZENE	103-65-1	20.3	ND
2-CHLOROTOLUENE	95-49-8	20.3	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-6-14
LAB NO: 137588
DATE SAMPLED: 10/19/2015
TIME SAMPLED: 11:20
BATCH #: 102015S1
DATE ANALYZED: 10/27/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	20.3	ND
4-CHLOROTOLUENE	106-43-4	20.3	ND
TERT-BUTYLBENZENE	98-06-6	20.3	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	20.3	ND
SEC-BUTYLBENZENE	135-98-8	20.3	ND
1,3-DICHLOROBENZENE	541-73-1	20.3	ND
4-ISOPROPYLTOLUENE	99-87-6	20.3	ND
1,4-DICHLOROBENZENE	106-46-7	20.3	ND
N-BUTYLBENZENE	104-51-8	20.3	ND
1,2-DICHLOROBENZENE	95-50-1	20.3	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	20.3	ND
1,2,4-TRICHLOROBENZENE	120-82-1	40.6	ND
HEXACHLOROBUTADIENE	87-68-3	40.6	ND
NAPHTHALENE	91-20-3	40.6	ND
1,2,3-TRICHLOROBENZENE	87-61-6	40.6	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	100
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	97

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: Ch
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SV-2-2
LAB NO: 137598
DATE SAMPLED: 10/14/2015
TIME SAMPLED: 10:40
BATCH #: 102015S1
DATE ANALYZED: 10/27/2015

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.61	ND
CHLOROMETHANE	74-87-3	1.61	ND
VINYL CHLORIDE	75-01-4	1.61	ND
BROMOMETHANE	74-83-9	1.61	ND
CHLOROETHANE	75-00-3	1.61	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.61	ND
1,1-DICHLOROETHENE	75-35-4	1.61	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.61	ND
METHYLENE CHLORIDE	75-09-2	8.03	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.61	ND
1,1-DICHLOROETHANE	75-34-3	1.61	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.61	ND
2,2-DICHLOROPROPANE	594-20-7	1.61	ND
BROMOCHLOROMETHANE	74-97-5	1.61	ND
CHLOROFORM	67-66-3	1.61	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.61	ND
CARBON TETRACHLORIDE	56-23-5	1.61	ND
1,1-DICHLOROPROPENE	563-58-6	1.61	ND
BENZENE	71-43-2	1.61	ND
1,2-DICHLOROETHANE	107-06-2	1.61	ND
TRICHLOROETHENE	79-01-6	1.61	ND
1,2-DICHLOROPROPANE	78-87-5	1.61	ND
DIBROMOMETHANE	74-95-3	1.61	ND
BROMODICHLOROMETHANE	75-27-4	1.61	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.61	ND
TOLUENE	108-88-3	1.61	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.61	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.61	ND
TETRACHLOROETHENE	127-18-4	1.61	3.34
1,3-DICHLOROPROPANE	142-28-9	1.61	ND
DIBROMOCHLOROMETHANE	124-48-1	1.61	ND
1,2-DIBROMOETHANE	106-93-4	1.61	ND
CHLOROBENZENE	108-90-7	1.61	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.61	ND
ETHYLBENZENE	100-41-4	1.61	ND
XYLENE (M+P)	1330-20-7	1.61	ND
XYLENE (O)	1330-20-7	1.61	ND
STYRENE	100-42-5	1.61	ND
BROMOFORM	75-25-2	1.61	ND
ISOPROPYLBENZENE	98-82-8	1.61	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.61	ND
BROMOBENZENE	108-86-1	1.61	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.61	ND
N-PROPYLBENZENE	103-65-1	1.61	ND
2-CHLOROTOLUENE	95-49-8	1.61	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SV-2-2
LAB NO: 137598
DATE SAMPLED: 10/14/2015
TIME SAMPLED: 10:40
BATCH #: 102015S1
DATE ANALYZED: 10/27/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	1.61	ND
4-CHLOROTOLUENE	106-43-4	1.61	ND
TERT-BUTYLBENZENE	98-06-6	1.61	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.61	ND
SEC-BUTYLBENZENE	135-98-8	1.61	ND
1,3-DICHLOROBENZENE	541-73-1	1.61	ND
4-ISOPROPYLTOLUENE	99-87-6	1.61	ND
1,4-DICHLOROBENZENE	106-46-7	1.61	ND
N-BUTYLBENZENE	104-51-8	1.61	ND
1,2-DICHLOROBENZENE	95-50-1	1.61	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.61	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.21	ND
HEXACHLOROBUTADIENE	87-68-3	3.21	ND
NAPHTHALENE	91-20-3	3.21	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.21	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	107
TOLUENE-D8	102
4-BROMOFLUOROBENZENE	91

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SV-2-5
LAB NO: 137599
DATE SAMPLED: 10/14/2015
TIME SAMPLED: 10:55
BATCH #: 102015S1
DATE ANALYZED: 10/27/2015

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.54	ND
CHLOROMETHANE	74-87-3	1.54	ND
VINYL CHLORIDE	75-01-4	1.54	ND
BROMOMETHANE	74-83-9	1.54	ND
CHLOROETHANE	75-00-3	1.54	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.54	ND
1,1-DICHLOROETHENE	75-35-4	1.54	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.54	ND
METHYLENE CHLORIDE	75-09-2	7.70	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.54	ND
1,1-DICHLOROETHANE	75-34-3	1.54	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.54	ND
2,2-DICHLOROPROPANE	594-20-7	1.54	ND
BROMOCHLOROMETHANE	74-97-5	1.54	ND
CHLOROFORM	67-66-3	1.54	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.54	ND
CARBON TETRACHLORIDE	56-23-5	1.54	ND
1,1-DICHLOROPROPENE	563-58-6	1.54	ND
BENZENE	71-43-2	1.54	ND
1,2-DICHLOROETHANE	107-06-2	1.54	ND
TRICHLOROETHENE	79-01-6	1.54	ND
1,2-DICHLOROPROPANE	78-87-5	1.54	ND
DIBROMOMETHANE	74-95-3	1.54	ND
BROMODICHLOROMETHANE	75-27-4	1.54	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.54	ND
TOLUENE	108-88-3	1.54	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.54	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.54	ND
TETRACHLOROETHENE	127-18-4	1.54	1.98
1,3-DICHLOROPROPANE	142-28-9	1.54	ND
DIBROMOCHLOROMETHANE	124-48-1	1.54	ND
1,2-DIBROMOETHANE	106-93-4	1.54	ND
CHLOROBENZENE	108-90-7	1.54	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.54	ND
ETHYLBENZENE	100-41-4	1.54	ND
XYLENE (M+P)	1330-20-7	1.54	ND
XYLENE (O)	1330-20-7	1.54	ND
STYRENE	100-42-5	1.54	ND
BROMOFORM	75-25-2	1.54	ND
ISOPROPYLBENZENE	98-82-8	1.54	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.54	ND
BROMOBENZENE	108-86-1	1.54	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.54	ND
N-PROPYLBENZENE	103-65-1	1.54	ND
2-CHLOROTOLUENE	95-49-8	1.54	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SV-2-5
LAB NO: 137599
DATE SAMPLED: 10/14/2015
TIME SAMPLED: 10:55
BATCH #: 102015S1
DATE ANALYZED: 10/27/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	1.54	ND
4-CHLOROTOLUENE	106-43-4	1.54	ND
TERT-BUTYLBENZENE	98-06-6	1.54	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.54	ND
SEC-BUTYLBENZENE	135-98-8	1.54	ND
1,3-DICHLOROBENZENE	541-73-1	1.54	ND
4-ISOPROPYLTOLUENE	99-87-6	1.54	ND
1,4-DICHLOROBENZENE	106-46-7	1.54	ND
N-BUTYLBENZENE	104-51-8	1.54	ND
1,2-DICHLOROBENZENE	95-50-1	1.54	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.54	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.08	ND
HEXACHLOROBUTADIENE	87-68-3	3.08	ND
NAPHTHALENE	91-20-3	3.08	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.08	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	111
TOLUENE-D8	102
4-BROMOFLUROBENZENE	98

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *Ch*
 DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-15-9.5
LAB NO: 137600
DATE SAMPLED: 10/20/2015
TIME SAMPLED: 08:38
BATCH #: 102015S1
DATE ANALYZED: 10/27/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	505	ND
CHLOROMETHANE	74-87-3	505	ND
VINYL CHLORIDE	75-01-4	505	ND
BROMOMETHANE	74-83-9	505	ND
CHLOROETHANE	75-00-3	505	ND
TRICHLOROFLUOROMETHANE	75-69-4	505	ND
1,1-DICHLOROETHENE	75-35-4	505	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	505	ND
METHYLENE CHLORIDE	75-09-2	2530	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	505	ND
1,1-DICHLOROETHANE	75-34-3	505	ND
CIS-1,2-DICHLOROETHENE	156-59-2	505	ND
2,2-DICHLOROPROPANE	594-20-7	505	ND
BROMOCHLOROMETHANE	74-97-5	505	ND
CHLOROFORM	67-66-3	505	ND
1,1,1-TRICHLOROETHANE	71-55-6	505	ND
CARBON TETRACHLORIDE	56-23-5	505	ND
1,1-DICHLOROPROPENE	563-58-6	505	ND
BENZENE	71-43-2	505	ND
1,2-DICHLOROETHANE	107-06-2	505	ND
TRICHLOROETHENE	79-01-6	505	ND
1,2-DICHLOROPROPANE	78-87-5	505	ND
DIBROMOMETHANE	74-95-3	505	ND
BROMODICHLOROMETHANE	75-27-4	505	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	505	ND
TOLUENE	108-88-3	505	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	505	ND
1,1,2-TRICHLOROETHANE	79-00-5	505	ND
TETRACHLOROETHENE	127-18-4	505	ND
1,3-DICHLOROPROPANE	142-28-9	505	ND
DIBROMOCHLOROMETHANE	124-48-1	505	ND
1,2-DIBROMOETHANE	106-93-4	505	ND
CHLOROBENZENE	108-90-7	505	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	505	ND
ETHYLBENZENE	100-41-4	505	ND
XYLENE (M+P)	1330-20-7	505	ND
XYLENE (O)	1330-20-7	505	ND
STYRENE	100-42-5	505	ND
BROMOFORM	75-25-2	505	ND
ISOPROPYLBENZENE	98-82-8	505	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	505	ND
BROMOBENZENE	108-86-1	505	ND
1,2,3-TRICHLOROPROPANE	96-18-4	505	ND
N-PROPYLBENZENE	103-65-1	505	1140
2-CHLOROTOLUENE	95-49-8	505	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-15-9.5
LAB NO: 137600
DATE SAMPLED: 10/20/2015
TIME SAMPLED: 08:38
BATCH #: 102015S1
DATE ANALYZED: 10/27/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	505	ND
4-CHLOROTOLUENE	106-43-4	505	ND
TERT-BUTYLBENZENE	98-06-6	505	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	505	ND
SEC-BUTYLBENZENE	135-98-8	505	ND
1,3-DICHLOROBENZENE	541-73-1	505	ND
4-ISOPROPYLTOLUENE	99-87-6	505	ND
1,4-DICHLOROBENZENE	106-46-7	505	ND
N-BUTYLBENZENE	104-51-8	505	632
1,2-DICHLOROBENZENE	95-50-1	505	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	505	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1010	ND
HEXACHLOROBUTADIENE	87-68-3	1010	ND
NAPHTHALENE	91-20-3	1010	ND
1,2,3-TRICHLOROBENZENE	87-61-6	1010	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	104
TOLUENE-D8	106
4-BROMOFLUOROBENZENE	107

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-16-10
LAB NO: 137601
DATE SAMPLED: 10/20/2015
TIME SAMPLED: 10:05
BATCH #: 102015S1
DATE ANALYZED: 10/27/2015

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	965	ND
CHLOROMETHANE	74-87-3	965	ND
VINYL CHLORIDE	75-01-4	965	ND
BROMOMETHANE	74-83-9	965	ND
CHLOROETHANE	75-00-3	965	ND
TRICHLOROFLUOROMETHANE	75-69-4	965	ND
1,1-DICHLOROETHENE	75-35-4	965	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	965	ND
METHYLENE CHLORIDE	75-09-2	4830	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	965	ND
1,1-DICHLOROETHANE	75-34-3	965	ND
CIS-1,2-DICHLOROETHENE	156-59-2	965	ND
2,2-DICHLOROPROPANE	594-20-7	965	ND
BROMOCHLOROMETHANE	74-97-5	965	ND
CHLOROFORM	67-66-3	965	ND
1,1,1-TRICHLOROETHANE	71-55-6	965	ND
CARBON TETRACHLORIDE	56-23-5	965	ND
1,1-DICHLOROPROPENE	563-58-6	965	ND
BENZENE	71-43-2	965	ND
1,2-DICHLOROETHANE	107-06-2	965	ND
TRICHLOROETHENE	79-01-6	965	ND
1,2-DICHLOROPROPANE	78-87-5	965	ND
DIBROMOMETHANE	74-95-3	965	ND
BROMODICHLOROMETHANE	75-27-4	965	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	965	ND
TOLUENE	108-88-3	965	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	965	ND
1,1,2-TRICHLOROETHANE	79-00-5	965	ND
TETRACHLOROETHENE	127-18-4	965	ND
1,3-DICHLOROPROPANE	142-28-9	965	ND
DIBROMOCHLOROMETHANE	124-48-1	965	ND
1,2-DIBROMOETHANE	106-93-4	965	ND
CHLOROBENZENE	108-90-7	965	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	965	ND
ETHYLBENZENE	100-41-4	965	ND
XYLENE (M+P)	1330-20-7	965	ND
XYLENE (O)	1330-20-7	965	ND
STYRENE	100-42-5	965	ND
BROMOFORM	75-25-2	965	ND
ISOPROPYLBENZENE	98-82-8	965	2360
1,1,2,2-TETRACHLOROETHANE	79-34-5	965	ND
BROMOBENZENE	108-86-1	965	ND
1,2,3-TRICHLOROPROPANE	96-18-4	965	ND
N-PROPYLBENZENE	103-65-1	965	11800
2-CHLOROTOLUENE	95-49-8	965	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: SB-16-10
LAB NO: 137601
DATE SAMPLED: 10/20/2015
TIME SAMPLED: 10:05
BATCH #: 102015S1
DATE ANALYZED: 10/27/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	965	ND
4-CHLOROTOLUENE	106-43-4	965	ND
TERT-BUTYLBENZENE	98-06-6	965	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	965	ND
SEC-BUTYLBENZENE	135-98-8	965	1330
1,3-DICHLOROBENZENE	541-73-1	965	ND
4-ISOPROPYLTOLUENE	99-87-6	965	ND
1,4-DICHLOROBENZENE	106-46-7	965	ND
N-BUTYLBENZENE	104-51-8	965	4260
1,2-DICHLOROBENZENE	95-50-1	965	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	965	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1930	ND
HEXACHLOROBUTADIENE	87-68-3	1930	ND
NAPHTHALENE	91-20-3	1930	3580
1,2,3-TRICHLOROBENZENE	87-61-6	1930	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	103
TOLUENE-D8	107
4-BROMOFLUOROBENZENE	105

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: cho
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: COMP-N-SHALLOW
LAB NO: 137602
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 101515S1
DATE ANALYZED: 10/23/2015

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.28	ND
CHLOROMETHANE	74-87-3	1.28	1.37
VINYL CHLORIDE	75-01-4	1.28	ND
BROMOMETHANE	74-83-9	1.28	ND
CHLOROETHANE	75-00-3	1.28	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.28	ND
1,1-DICHLOROETHENE	75-35-4	1.28	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.28	ND
METHYLENE CHLORIDE	75-09-2	6.38	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.28	ND
1,1-DICHLOROETHANE	75-34-3	1.28	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.28	ND
2,2-DICHLOROPROPANE	594-20-7	1.28	ND
BROMOCHLOROMETHANE	74-97-5	1.28	ND
CHLOROFORM	67-66-3	1.28	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.28	ND
CARBON TETRACHLORIDE	56-23-5	1.28	ND
1,1-DICHLOROPROPENE	563-58-6	1.28	ND
BENZENE	71-43-2	1.28	ND
1,2-DICHLOROETHANE	107-06-2	1.28	ND
TRICHLOROETHENE	79-01-6	1.28	ND
1,2-DICHLOROPROPANE	78-87-5	1.28	ND
DIBROMOMETHANE	74-95-3	1.28	ND
BROMODICHLOROMETHANE	75-27-4	1.28	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.28	ND
TOLUENE	108-88-3	1.28	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.28	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.28	ND
TETRACHLOROETHENE	127-18-4	1.28	ND
1,3-DICHLOROPROPANE	142-28-9	1.28	ND
DIBROMOCHLOROMETHANE	124-48-1	1.28	ND
1,2-DIBROMOETHANE	106-93-4	1.28	ND
CHLOROBENZENE	108-90-7	1.28	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.28	ND
ETHYLBENZENE	100-41-4	1.28	ND
XYLENE (M+P)	1330-20-7	1.28	ND
XYLENE (O)	1330-20-7	1.28	ND
STYRENE	100-42-5	1.28	ND
BROMOFORM	75-25-2	1.28	ND
ISOPROPYLBENZENE	98-82-8	1.28	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.28	ND
BROMOBENZENE	108-86-1	1.28	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.28	ND
N-PROPYLBENZENE	103-65-1	1.28	ND
2-CHLOROTOLUENE	95-49-8	1.28	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-N-SHALLOW
LAB NO: 137602
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 101515S1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	1.28	ND
4-CHLOROTOLUENE	106-43-4	1.28	ND
TERT-BUTYLBENZENE	98-06-6	1.28	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.28	ND
SEC-BUTYLBENZENE	135-98-8	1.28	ND
1,3-DICHLOROBENZENE	541-73-1	1.28	ND
4-ISOPROPYLTOLUENE	99-87-6	1.28	ND
1,4-DICHLOROBENZENE	106-46-7	1.28	ND
N-BUTYLBENZENE	104-51-8	1.28	ND
1,2-DICHLOROBENZENE	95-50-1	1.28	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.28	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.55	ND
HEXACHLOROBUTADIENE	87-68-3	2.55	ND
NAPHTHALENE	91-20-3	2.55	ND
1,2,3-TRICHLOROBENZENE	87-61-6	2.55	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	112
TOLUENE-D8	100
4-BROMOFLUOROBENZENE	95

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-S-SHALLOW
LAB NO: 137603
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 101515S1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.49	ND
CHLOROMETHANE	74-87-3	1.49	ND
VINYL CHLORIDE	75-01-4	1.49	ND
BROMOMETHANE	74-83-9	1.49	ND
CHLOROETHANE	75-00-3	1.49	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.49	ND
1,1-DICHLOROETHENE	75-35-4	1.49	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.49	ND
METHYLENE CHLORIDE	75-09-2	7.43	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.49	ND
1,1-DICHLOROETHANE	75-34-3	1.49	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.49	ND
2,2-DICHLOROPROPANE	594-20-7	1.49	ND
BROMOCHLOROMETHANE	74-97-5	1.49	ND
CHLOROFORM	67-66-3	1.49	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.49	ND
CARBON TETRACHLORIDE	56-23-5	1.49	ND
1,1-DICHLOROPROPENE	563-58-6	1.49	ND
BENZENE	71-43-2	1.49	ND
1,2-DICHLOROETHANE	107-06-2	1.49	ND
TRICHLOROETHENE	79-01-6	1.49	ND
1,2-DICHLOROPROPANE	78-87-5	1.49	ND
DIBROMOMETHANE	74-95-3	1.49	ND
BROMODICHLOROMETHANE	75-27-4	1.49	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.49	ND
TOLUENE	108-88-3	1.49	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.49	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.49	ND
TETRACHLOROETHENE	127-18-4	1.49	ND
1,3-DICHLOROPROPANE	142-28-9	1.49	ND
DIBROMOCHLOROMETHANE	124-48-1	1.49	ND
1,2-DIBROMOETHANE	106-93-4	1.49	ND
CHLOROBENZENE	108-90-7	1.49	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.49	ND
ETHYLBENZENE	100-41-4	1.49	ND
XYLENE (M+P)	1330-20-7	1.49	ND
XYLENE (O)	1330-20-7	1.49	ND
STYRENE	100-42-5	1.49	ND
BROMOFORM	75-25-2	1.49	ND
ISOPROPYLBENZENE	98-82-8	1.49	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.49	ND
BROMOBENZENE	108-86-1	1.49	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.49	ND
N-PROPYLBENZENE	103-65-1	1.49	ND
2-CHLOROTOLUENE	95-49-8	1.49	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-N-NATIVE
LAB NO: 137604
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 101515S1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.44	ND
CHLOROMETHANE	74-87-3	1.44	ND
VINYL CHLORIDE	75-01-4	1.44	ND
BROMOMETHANE	74-83-9	1.44	ND
CHLOROETHANE	75-00-3	1.44	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.44	ND
1,1-DICHLOROETHENE	75-35-4	1.44	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.44	ND
METHYLENE CHLORIDE	75-09-2	7.18	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.44	ND
1,1-DICHLOROETHANE	75-34-3	1.44	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.44	ND
2,2-DICHLOROPROPANE	594-20-7	1.44	ND
BROMOCHLOROMETHANE	74-97-5	1.44	ND
CHLOROFORM	67-66-3	1.44	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.44	ND
CARBON TETRACHLORIDE	56-23-5	1.44	ND
1,1-DICHLOROPROPENE	563-58-6	1.44	ND
BENZENE	71-43-2	1.44	ND
1,2-DICHLOROETHANE	107-06-2	1.44	ND
TRICHLOROETHENE	79-01-6	1.44	ND
1,2-DICHLOROPROPANE	78-87-5	1.44	ND
DIBROMOMETHANE	74-95-3	1.44	ND
BROMODICHLOROMETHANE	75-27-4	1.44	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.44	ND
TOLUENE	108-88-3	1.44	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.44	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.44	ND
TETRACHLOROETHENE	127-18-4	1.44	ND
1,3-DICHLOROPROPANE	142-28-9	1.44	ND
DIBROMOCHLOROMETHANE	124-48-1	1.44	ND
1,2-DIBROMOETHANE	106-93-4	1.44	ND
CHLOROBENZENE	108-90-7	1.44	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.44	ND
ETHYLBENZENE	100-41-4	1.44	ND
XYLENE (M+P)	1330-20-7	1.44	ND
XYLENE (O)	1330-20-7	1.44	ND
STYRENE	100-42-5	1.44	ND
BROMOFORM	75-25-2	1.44	ND
ISOPROPYLBENZENE	98-82-8	1.44	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.44	ND
BROMOBENZENE	108-86-1	1.44	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.44	ND
N-PROPYLBENZENE	103-65-1	1.44	ND
2-CHLOROTOLUENE	95-49-8	1.44	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: COMP-N-NATIVE
LAB NO: 137604
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 101515S1
DATE ANALYZED: 10/23/2015

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	1.44	ND
4-CHLOROTOLUENE	106-43-4	1.44	ND
TERT-BUTYLBENZENE	98-06-6	1.44	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.44	ND
SEC-BUTYLBENZENE	135-98-8	1.44	ND
1,3-DICHLOROBENZENE	541-73-1	1.44	ND
4-ISOPROPYLTOLUENE	99-87-6	1.44	ND
1,4-DICHLOROBENZENE	106-46-7	1.44	ND
N-BUTYLBENZENE	104-51-8	1.44	ND
1,2-DICHLOROBENZENE	95-50-1	1.44	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.44	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.87	ND
HEXACHLOROBUTADIENE	87-68-3	2.87	ND
NAPHTHALENE	91-20-3	2.87	ND
1,2,3-TRICHLOROBENZENE	87-61-6	2.87	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	110
TOLUENE-D8	103
4-BROMOFLUOROBENZENE	101

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-S-NATIVE
LAB NO: 137605
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 101515S1
DATE ANALYZED: 10/23/2015

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.27	ND
CHLOROMETHANE	74-87-3	1.27	ND
VINYL CHLORIDE	75-01-4	1.27	ND
BROMOMETHANE	74-83-9	1.27	ND
CHLOROETHANE	75-00-3	1.27	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.27	ND
1,1-DICHLOROETHENE	75-35-4	1.27	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.27	ND
METHYLENE CHLORIDE	75-09-2	6.35	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.27	ND
1,1-DICHLOROETHANE	75-34-3	1.27	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.27	ND
2,2-DICHLOROPROPANE	594-20-7	1.27	ND
BROMOCHLOROMETHANE	74-97-5	1.27	ND
CHLOROFORM	67-66-3	1.27	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.27	ND
CARBON TETRACHLORIDE	56-23-5	1.27	ND
1,1-DICHLOROPROPENE	563-58-6	1.27	ND
BENZENE	71-43-2	1.27	ND
1,2-DICHLOROETHANE	107-06-2	1.27	ND
TRICHLOROETHENE	79-01-6	1.27	ND
1,2-DICHLOROPROPANE	78-87-5	1.27	ND
DIBROMOMETHANE	74-95-3	1.27	ND
BROMODICHLOROMETHANE	75-27-4	1.27	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.27	ND
TOLUENE	108-88-3	1.27	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.27	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.27	ND
TETRACHLOROETHENE	127-18-4	1.27	ND
1,3-DICHLOROPROPANE	142-28-9	1.27	ND
DIBROMOCHLOROMETHANE	124-48-1	1.27	ND
1,2-DIBROMOETHANE	106-93-4	1.27	ND
CHLOROBENZENE	108-90-7	1.27	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.27	ND
ETHYLBENZENE	100-41-4	1.27	ND
XYLENE (M+P)	1330-20-7	1.27	ND
XYLENE (O)	1330-20-7	1.27	ND
STYRENE	100-42-5	1.27	ND
BROMOFORM	75-25-2	1.27	ND
ISOPROPYLBENZENE	98-82-8	1.27	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.27	ND
BROMOBENZENE	108-86-1	1.27	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.27	ND
N-PROPYLBENZENE	103-65-1	1.27	ND
2-CHLOROTOLUENE	95-49-8	1.27	ND

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: COMP-S-NATIVE
LAB NO: 137605
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 101515S1
DATE ANALYZED: 10/23/2015

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	1.27	ND
4-CHLOROTOLUENE	106-43-4	1.27	ND
TERT-BUTYLBENZENE	98-06-6	1.27	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.27	ND
SEC-BUTYLBENZENE	135-98-8	1.27	ND
1,3-DICHLOROBENZENE	541-73-1	1.27	ND
4-ISOPROPYLTOLUENE	99-87-6	1.27	ND
1,4-DICHLOROBENZENE	106-46-7	1.27	ND
N-BUTYLBENZENE	104-51-8	1.27	ND
1,2-DICHLOROBENZENE	95-50-1	1.27	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.27	ND
1,2,4-TRICHLOROBENZENE	120-82-1	2.54	ND
HEXACHLOROBUTADIENE	87-68-3	2.54	ND
NAPHTHALENE	91-20-3	2.54	ND
1,2,3-TRICHLOROBENZENE	87-61-6	2.54	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	112
TOLUENE-D8	105
4-BROMOFLUOROBENZENE	100

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	DRO PATTERN
SV-2-2	137598	10/14/2015	101915S1	10/27/2015	10/27/2015	10.0	ND	
SV-2-5	137599	10/14/2015	101915S1	10/27/2015	10/27/2015	10.0	ND	
SB-15-9.5	137600	10/20/2015	101915S1	10/27/2015	10/27/2015	10.0	32.3	AK
SB-16-10	137601	10/20/2015	101915S1	10/27/2015	10/27/2015	10.0	39.0	AK

NOTES:

DRO Diesel Range Organics (C12-C34) with Silica Gel Cleanup
ND Not Detected at or above the stated MRL
NA Not Applicable or Available
MRL Method Reporting Limit
AD Typical pattern for diesel
AM Hydrocarbon response is in the C12-C22 range
AC Heavier hydrocarbons contributing to diesel range quantitation
AJ Heavier hydrocarbon than diesel
AK Lighter hydrocarbon than diesel
AE Unknown hydrocarbon with a single peak
AN Unknown hydrocarbon with several peaks

APPROVED BY: uCh
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-N-SHALLOW
 LAB NO: 137602
 SAMPLE TYPE: SOIL
 DATE SAMPLED: 10/19/2015
 TIME SAMPLED: NA
 BATCH #: 102615S1

METHOD: SEMI-VOC'S BY GC/MS
 REFERENCE: EPA 8270

DATE EXTRACTED: 10/26/2015
 DATE ANALYZED: 10/27/2015

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	330	ND
ACENAPHTHYLENE	208-96-8	330	ND
ANTHRACENE	120-12-7	330	ND
BENZO (A) ANTHRACENE	56-55-3	330	ND
BENZO (B) FLUORANTHENE	205-99-2	330	ND
BENZO (K) FLUORANTHENE	207-08-9	330	ND
BENZO (A) PYRENE	50-32-8	330	ND
BENZO (G,H,I) PERYLENE	191-24-2	330	ND
BENZYL ALCOHOL	100-51-6	330	ND
BUTYL BENZYL PHTHALATE	85-68-7	330	ND
BIS (2-CHLOROETHYL) ETHER	111-44-4	330	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	330	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	330	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	330	ND
4-BROMOPHENYL PHENYL ETHER	101-55-3	330	ND
4-CHLOROANILINE	106-47-8	330	ND
2-CHLORONAPHTHALENE	91-58-7	330	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	ND
CHRYSENE	218-01-9	330	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	330	ND
DIBENZOFURAN	132-64-9	330	ND
DI-N-BUTYLPHTHALATE	84-74-2	330	ND
1,2-DICHLOROBENZENE	95-50-1	330	ND
1,3-DICHLOROBENZENE	541-73-1	330	ND
1,4-DICHLOROBENZENE	106-46-7	330	ND
3,3'-DICHLOROBENZIDINE	91-94-1	660	ND
DIETHYLPHTHALATE	84-66-2	330	ND
DIMETHYL PHTHALATE	131-11-3	330	ND
2,4-DINITROTOLUENE	121-14-2	330	ND
2,6-DINITROTOLUENE	606-20-2	330	ND
DI-N-OCTYL PHTHALATE	117-84-0	330	ND
FLUORANTHENE	206-44-0	330	ND
FLUORENE	86-73-7	330	ND
HEXACHLOROBENZENE	118-74-1	330	ND
HEXACHLOROBUTADIENE	87-68-3	330	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	330	ND
HEXACHLOROETHANE	67-72-1	330	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	330	ND
ISOPHORONE	78-59-1	330	ND
2-METHYLNAPHTHALENE	91-57-6	330	ND
NAPHTHALENE	91-20-3	330	ND
2-NITROANILINE	88-74-4	1600	ND
3-NITROANILINE	99-09-2	1600	ND
4-NITROANILINE	100-01-6	1600	ND
NITROBENZENE	98-95-3	330	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	330	ND
N-NITROSODIPHENYLAMINE	86-30-6	330	ND
PHENANTHRENE	85-01-8	330	ND
PYRENE	129-00-0	330	ND
1,2,4-TRICHLOROBENZENE	120-82-1	330	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-N-SHALLOW
LAB NO: 137602
SAMPLE TYPE: SOIL
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 102615S1

METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270

DATE EXTRACTED: 10/26/2015
DATE ANALYZED: 10/27/2015

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
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ACID EXTRACTABLES

4-CHLORO-3-METHYLPHENOL	59-50-7	660	ND
2-CHLOROPHENOL	95-57-8	660	ND
2,4-DICHLOROPHENOL	120-83-2	660	ND
2,4-DIMETHYLPHENOL	105-67-9	660	ND
2,4-DINITROPHENOL	51-28-5	1600	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	ND
2-NITROPHENOL	88-75-5	1600	ND
4-NITROPHENOL	100-02-7	1600	ND
PENTACHLOROPHENOL	87-86-5	1600	ND
PHENOL	108-95-2	660	ND
2-METHYLPHENOL	95-48-7	660	ND
4-METHYLPHENOL	106-44-5	660	ND
2,4,5-TRICHLOROPHENOL	95-95-4	1600	ND
2,4,6-TRICHLOROPHENOL	88-06-2	1600	ND

SURROGATE RECOVERY

	%
NITROBENZENE-D5	53
2-FLUOROBIPHENYL	62
P-TERPHENYL-D14	89
PHENOL-D5	28
2-FLUOROPHENOL	28
2,4,6-TRIBROMOPHENOL	32

TENTATIVELY IDENTIFIED COMPOUND NAME	CAS NO.	REPORTING LIMIT	ESTIMATED SAMPLE CONC
NONE FOUND	NA	330	NA

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: Ch
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-S-SHALLOW

LAB NO: 137603
 SAMPLE TYPE: SOIL
 DATE SAMPLED: 10/19/2015
 TIME SAMPLED: NA
 BATCH #: 102615S1

METHOD: SEMI-VOC'S BY GC/MS
 REFERENCE: EPA 8270

DATE EXTRACTED: 10/26/2015
 DATE ANALYZED: 10/27/2015

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	330	ND
ACENAPHTHYLENE	208-96-8	330	ND
ANTHRACENE	120-12-7	330	ND
BENZO (A) ANTHRACENE	56-55-3	330	ND
BENZO (B) FLUORANTHENE	205-99-2	330	ND
BENZO (K) FLUORANTHENE	207-08-9	330	ND
BENZO (A) PYRENE	50-32-8	330	ND
BENZO (G,H,I) PERYLENE	191-24-2	330	ND
BENZYL ALCOHOL	100-51-6	330	ND
BUTYL BENZYL PHTHALATE	85-68-7	330	ND
BIS (2-CHLOROETHYL) ETHER	111-44-4	330	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	330	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	330	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	330	ND
4-BROMOPHENYL PHENYL ETHER	101-55-3	330	ND
4-CHLOROANILINE	106-47-8	330	ND
2-CHLORONAPHTHALENE	91-58-7	330	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	ND
CHRYSENE	218-01-9	330	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	330	ND
DIBENZOFURAN	132-64-9	330	ND
DI-N-BUTYLPHTHALATE	84-74-2	330	ND
1,2-DICHLOROBENZENE	95-50-1	330	ND
1,3-DICHLOROBENZENE	541-73-1	330	ND
1,4-DICHLOROBENZENE	106-46-7	330	ND
3,3'-DICHLOROBENZIDINE	91-94-1	660	ND
DIETHYLPHTHALATE	84-66-2	330	ND
DIMETHYL PHTHALATE	131-11-3	330	ND
2,4-DINITROTOLUENE	121-14-2	330	ND
2,6-DINITROTOLUENE	606-20-2	330	ND
DI-N-OCTYL PHTHALATE	117-84-0	330	ND
FLUORANTHENE	206-44-0	330	ND
FLUORENE	86-73-7	330	ND
HEXACHLOROBENZENE	118-74-1	330	ND
HEXACHLOROBUTADIENE	87-68-3	330	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	330	ND
HEXACHLOROETHANE	67-72-1	330	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	330	ND
ISOPHORONE	78-59-1	330	ND
2-METHYLNAPHTHALENE	91-57-6	330	ND
NAPHTHALENE	91-20-3	330	ND
2-NITROANILINE	88-74-4	1600	ND
3-NITROANILINE	99-09-2	1600	ND
4-NITROANILINE	100-01-6	1600	ND
NITROBENZENE	98-95-3	330	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	330	ND
N-NITROSODIPHENYLAMINE	86-30-6	330	ND
PHENANTHRENE	85-01-8	330	ND
PYRENE	129-00-0	330	ND
1,2,4-TRICHLOROBENZENE	120-82-1	330	ND

K PRIME, INC.

LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-N-NATIVE

LAB NO: 137604

SAMPLE TYPE: SOIL
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 102615S1METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270DATE EXTRACTED: 10/26/2015
DATE ANALYZED: 10/27/2015SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	330	ND
ACENAPHTHYLENE	208-96-8	330	ND
ANTHRACENE	120-12-7	330	ND
BENZO (A) ANTHRACENE	56-55-3	330	ND
BENZO (B) FLUORANTHENE	205-99-2	330	ND
BENZO (K) FLUORANTHENE	207-08-9	330	ND
BENZO (A) PYRENE	50-32-8	330	ND
BENZO (G,H,I) PERYLENE	191-24-2	330	ND
BENZYL ALCOHOL	100-51-6	330	ND
BUTYL BENZYL PHTHALATE	85-68-7	330	ND
BIS (2-CHLOROETHYL) ETHER	111-44-4	330	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	330	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	330	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	330	ND
4-BROMOPHENYL PHENYL ETHER	101-55-3	330	ND
4-CHLOROANILINE	106-47-8	330	ND
2-CHLORONAPHTHALENE	91-58-7	330	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	ND
CHRYSENE	218-01-9	330	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	330	ND
DIBENZOFURAN	132-64-9	330	ND
DI-N-BUTYLPHTHALATE	84-74-2	330	ND
1,2-DICHLOROBENZENE	95-50-1	330	ND
1,3-DICHLOROBENZENE	541-73-1	330	ND
1,4-DICHLOROBENZENE	106-46-7	330	ND
3,3'-DICHLOROBENZIDINE	91-94-1	660	ND
DIETHYLPHTHALATE	84-66-2	330	ND
DIMETHYL PHTHALATE	131-11-3	330	ND
2,4-DINITROTOLUENE	121-14-2	330	ND
2,6-DINITROTOLUENE	606-20-2	330	ND
DI-N-OCTYL PHTHALATE	117-84-0	330	ND
FLUORANTHENE	206-44-0	330	ND
FLUORENE	86-73-7	330	ND
HEXACHLOROBENZENE	118-74-1	330	ND
HEXACHLOROBUTADIENE	87-68-3	330	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	330	ND
HEXACHLOROETHANE	67-72-1	330	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	330	ND
ISOPHORONE	78-59-1	330	ND
2-METHYLNAPHTHALENE	91-57-6	330	ND
NAPHTHALENE	91-20-3	330	ND
2-NITROANILINE	88-74-4	1600	ND
3-NITROANILINE	99-09-2	1600	ND
4-NITROANILINE	100-01-6	1600	ND
NITROBENZENE	98-95-3	330	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	330	ND
N-NITROSODIPHENYLAMINE	86-30-6	330	ND
PHENANTHRENE	85-01-8	330	ND
PYRENE	129-00-0	330	ND
1,2,4-TRICHLOROBENZENE	120-82-1	330	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-N-NATIVE
 LAB NO: 137604
 SAMPLE TYPE: SOIL
 DATE SAMPLED: 10/19/2015
 TIME SAMPLED: NA
 BATCH #: 102615S1

METHOD: SEMI-VOC'S BY GC/MS
 REFERENCE: EPA 8270

DATE EXTRACTED: 10/26/2015
 DATE ANALYZED: 10/27/2015

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACID EXTRACTABLES			
4-CHLORO-3-METHYLPHENOL	59-50-7	660	ND
2-CHLOROPHENOL	95-57-8	660	ND
2,4-DICHLOROPHENOL	120-83-2	660	ND
2,4-DIMETHYLPHENOL	105-67-9	660	ND
2,4-DINITROPHENOL	51-28-5	1600	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	ND
2-NITROPHENOL	88-75-5	1600	ND
4-NITROPHENOL	100-02-7	1600	ND
PENTACHLOROPHENOL	87-86-5	1600	ND
PHENOL	108-95-2	660	ND
2-METHYLPHENOL	95-48-7	660	ND
4-METHYLPHENOL	106-44-5	660	ND
2,4,5-TRICHLOROPHENOL	95-95-4	1600	ND
2,4,6-TRICHLOROPHENOL	88-06-2	1600	ND

SURROGATE RECOVERY	%
NITROBENZENE-D5	62
2-FLUOROBIPHENYL	62
P-TERPHENYL-D14	93
PHENOL-D5	36
2-FLUOROPHENOL	34
2,4,6-TRIBROMOPHENOL	30

TENTATIVELY IDENTIFIED COMPOUND NAME	CAS NO.	REPORTING LIMIT	ESTIMATED SAMPLE CONC
NONE FOUND	NA	330	NA

NOTES:
 ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: AW
 DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-S-NATIVE
LAB NO: 137605
SAMPLE TYPE: SOIL
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 102615S1

METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270

DATE EXTRACTED: 10/26/2015
DATE ANALYZED: 10/27/2015

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	330	ND
ACENAPHTHYLENE	208-96-8	330	ND
ANTHRACENE	120-12-7	330	ND
BENZO (A) ANTHRACENE	56-55-3	330	ND
BENZO (B) FLUORANTHENE	205-99-2	330	ND
BENZO (K) FLUORANTHENE	207-08-9	330	ND
BENZO (A) PYRENE	50-32-8	330	ND
BENZO (G,H,I) PERYLENE	191-24-2	330	ND
BENZYL ALCOHOL	100-51-6	330	ND
BUTYL BENZYL PHTHALATE	85-68-7	330	ND
BIS (2-CHLOROETHYL) ETHER	111-44-4	330	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	330	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	330	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	330	ND
4-BROMOPHENYL PHENYL ETHER	101-55-3	330	ND
4-CHLOROANILINE	106-47-8	330	ND
2-CHLORONAPHTHALENE	91-58-7	330	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	ND
CHRYSENE	218-01-9	330	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	330	ND
DIBENZOFURAN	132-64-9	330	ND
DI-N-BUTYLPHTHALATE	84-74-2	330	ND
1,2-DICHLOROBENZENE	95-50-1	330	ND
1,3-DICHLOROBENZENE	541-73-1	330	ND
1,4-DICHLOROBENZENE	106-46-7	330	ND
3,3'-DICHLOROBENZIDINE	91-94-1	660	ND
DIETHYLPHTHALATE	84-66-2	330	ND
DIMETHYL PHTHALATE	131-11-3	330	ND
2,4-DINITROTOLUENE	121-14-2	330	ND
2,6-DINITROTOLUENE	606-20-2	330	ND
DI-N-OCTYL PHTHALATE	117-84-0	330	ND
FLUORANTHENE	206-44-0	330	ND
FLUORENE	86-73-7	330	ND
HEXACHLOROBENZENE	118-74-1	330	ND
HEXACHLOROBUTADIENE	87-68-3	330	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	330	ND
HEXACHLOROETHANE	67-72-1	330	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	330	ND
ISOPHORONE	78-59-1	330	ND
2-METHYLNAPHTHALENE	91-57-6	330	ND
NAPHTHALENE	91-20-3	330	ND
2-NITROANILINE	88-74-4	1600	ND
3-NITROANILINE	99-09-2	1600	ND
4-NITROANILINE	100-01-6	1600	ND
NITROBENZENE	98-95-3	330	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	330	ND
N-NITROSODIPHENYLAMINE	86-30-6	330	ND
PHENANTHRENE	85-01-8	330	ND
PYRENE	129-00-0	330	ND
1,2,4-TRICHLOROBENZENE	120-82-1	330	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-S-NATIVE
LAB NO: 137605
SAMPLE TYPE: SOIL
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 102615S1

METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270

DATE EXTRACTED: 10/26/2015
DATE ANALYZED: 10/27/2015

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACID EXTRACTABLES			
4-CHLORO-3-METHYLPHENOL	59-50-7	660	ND
2-CHLOROPHENOL	95-57-8	660	ND
2,4-DICHLOROPHENOL	120-83-2	660	ND
2,4-DIMETHYLPHENOL	105-67-9	660	ND
2,4-DINITROPHENOL	51-28-5	1600	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	ND
2-NITROPHENOL	88-75-5	1600	ND
4-NITROPHENOL	100-02-7	1600	ND
PENTACHLOROPHENOL	87-86-5	1600	ND
PHENOL	108-95-2	660	ND
2-METHYLPHENOL	95-48-7	660	ND
4-METHYLPHENOL	106-44-5	660	ND
2,4,5-TRICHLOROPHENOL	95-95-4	1600	ND
2,4,6-TRICHLOROPHENOL	88-06-2	1600	ND

SURROGATE RECOVERY	%
NITROBENZENE-D5	39
2-FLUOROBIPHENYL	40
P-TERPHENYL-D14	75
PHENOL-D5	23
2-FLUOROPHENOL	24
2,4,6-TRIBROMOPHENOL	21

TENTATIVELY IDENTIFIED COMPOUND NAME	CAS NO.	REPORTING LIMIT	ESTIMATED SAMPLE CONC
NONE FOUND	NA	330	NA

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: UW
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-W-SHALLOW

LAB NO: 137606
 SAMPLE TYPE: SOIL
 DATE SAMPLED: 10/20/2015
 TIME SAMPLED: NA
 BATCH #: 102615S1

METHOD: SEMI-VOC'S BY GC/MS
 REFERENCE: EPA 8270

DATE EXTRACTED: 10/26/2015
 DATE ANALYZED: 10/27/2015

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	330	ND
ACENAPHTHYLENE	208-96-8	330	ND
ANTHRACENE	120-12-7	330	ND
BENZO (A) ANTHRACENE	56-55-3	330	ND
BENZO (B) FLUORANTHENE	205-99-2	330	ND
BENZO (K) FLUORANTHENE	207-08-9	330	ND
BENZO (A) PYRENE	50-32-8	330	ND
BENZO (G,H,I) PERYLENE	191-24-2	330	ND
BENZYL ALCOHOL	100-51-6	330	ND
BUTYL BENZYL PHTHALATE	85-68-7	330	ND
BIS (2-CHLOROETHYL) ETHER	111-44-4	330	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	330	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	330	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	330	ND
4-BROMOPHENYL PHENYL ETHER	101-55-3	330	ND
4-CHLOROANILINE	106-47-8	330	ND
2-CHLORONAPHTHALENE	91-58-7	330	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	ND
CHRYSENE	218-01-9	330	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	330	ND
DIBENZOFURAN	132-64-9	330	ND
DI-N-BUTYLPHTHALATE	84-74-2	330	ND
1,2-DICHLOROBENZENE	95-50-1	330	ND
1,3-DICHLOROBENZENE	541-73-1	330	ND
1,4-DICHLOROBENZENE	106-46-7	330	ND
3,3'-DICHLOROBENZIDINE	91-94-1	660	ND
DIETHYLPHTHALATE	84-66-2	330	ND
DIMETHYL PHTHALATE	131-11-3	330	ND
2,4-DINITROTOLUENE	121-14-2	330	ND
2,6-DINITROTOLUENE	606-20-2	330	ND
DI-N-OCTYL PHTHALATE	117-84-0	330	ND
FLUORANTHENE	206-44-0	330	ND
FLUORENE	86-73-7	330	ND
HEXACHLOROBENZENE	118-74-1	330	ND
HEXACHLOROBUTADIENE	87-68-3	330	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	330	ND
HEXACHLOROETHANE	67-72-1	330	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	330	ND
ISOPHORONE	78-59-1	330	ND
2-METHYLNAPHTHALENE	91-57-6	330	ND
NAPHTHALENE	91-20-3	330	ND
2-NITROANILINE	88-74-4	1600	ND
3-NITROANILINE	99-09-2	1600	ND
4-NITROANILINE	100-01-6	1600	ND
NITROBENZENE	98-95-3	330	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	330	ND
N-NITROSODIPHENYLAMINE	86-30-6	330	ND
PHENANTHRENE	85-01-8	330	ND
PYRENE	129-00-0	330	ND
1,2,4-TRICHLOROBENZENE	120-82-1	330	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-W-SHALLOW

LAB NO: 137606
 SAMPLE TYPE: SOIL
 DATE SAMPLED: 10/20/2015
 TIME SAMPLED: NA
 BATCH #: 102615S1

METHOD: SEMI-VOC'S BY GC/MS
 REFERENCE: EPA 8270

DATE EXTRACTED: 10/26/2015
 DATE ANALYZED: 10/27/2015

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACID EXTRACTABLES			
4-CHLORO-3-METHYLPHENOL	59-50-7	660	ND
2-CHLOROPHENOL	95-57-8	660	ND
2,4-DICHLOROPHENOL	120-83-2	660	ND
2,4-DIMETHYLPHENOL	105-67-9	660	ND
2,4-DINITROPHENOL	51-28-5	1600	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	ND
2-NITROPHENOL	88-75-5	1600	ND
4-NITROPHENOL	100-02-7	1600	ND
PENTACHLOROPHENOL	87-86-5	1600	ND
PHENOL	108-95-2	660	ND
2-METHYLPHENOL	95-48-7	660	ND
4-METHYLPHENOL	106-44-5	660	ND
2,4,5-TRICHLOROPHENOL	95-95-4	1600	ND
2,4,6-TRICHLOROPHENOL	88-06-2	1600	ND

SURROGATE RECOVERY	%
NITROBENZENE-D5	47
2-FLUOROBIPHENYL	54
P-TERPHENYL-D14	73
PHENOL-D5	28
2-FLUOROPHENOL	26
2,4,6-TRIBROMOPHENOL	26

TENTATIVELY IDENTIFIED COMPOUND NAME	CAS NO.	REPORTING LIMIT	ESTIMATED SAMPLE CONC
NONE FOUND	NA	330	NA

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
 DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-E-SHALLOW
LAB NO: 137607
SAMPLE TYPE: SOIL
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH #: 102615S1

METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270

DATE EXTRACTED: 10/26/2015
DATE ANALYZED: 10/27/2015

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	330	ND
ACENAPHTHYLENE	208-96-8	330	ND
ANTHRACENE	120-12-7	330	ND
BENZO (A) ANTHRACENE	56-55-3	330	ND
BENZO (B) FLUORANTHENE	205-99-2	330	ND
BENZO (K) FLUORANTHENE	207-08-9	330	ND
BENZO (A) PYRENE	50-32-8	330	ND
BENZO (G,H,I) PERYLENE	191-24-2	330	ND
BENZYL ALCOHOL	100-51-6	330	ND
BUTYL BENZYL PHTHALATE	85-68-7	330	ND
BIS (2-CHLOROETHYL) ETHER	111-44-4	330	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	330	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	330	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	330	ND
4-BROMOPHENYL PHENYL ETHER	101-55-3	330	ND
4-CHLOROANILINE	106-47-8	330	ND
2-CHLORONAPHTHALENE	91-58-7	330	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	ND
CHRYSENE	218-01-9	330	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	330	ND
DIBENZOFURAN	132-64-9	330	ND
DI-N-BUTYLPHTHALATE	84-74-2	330	ND
1,2-DICHLOROBENZENE	95-50-1	330	ND
1,3-DICHLOROBENZENE	541-73-1	330	ND
1,4-DICHLOROBENZENE	106-46-7	330	ND
3,3'-DICHLOROBENZIDINE	91-94-1	660	ND
DIETHYLPHTHALATE	84-66-2	330	ND
DIMETHYL PHTHALATE	131-11-3	330	ND
2,4-DINITROTOLUENE	121-14-2	330	ND
2,6-DINITROTOLUENE	606-20-2	330	ND
DI-N-OCTYL PHTHALATE	117-84-0	330	ND
FLUORANTHENE	206-44-0	330	ND
FLUORENE	86-73-7	330	ND
HEXACHLOROBENZENE	118-74-1	330	ND
HEXACHLOROBUTADIENE	87-68-3	330	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	330	ND
HEXACHLOROETHANE	67-72-1	330	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	330	ND
ISOPHORONE	78-59-1	330	ND
2-METHYLNAPHTHALENE	91-57-6	330	ND
NAPHTHALENE	91-20-3	330	ND
2-NITROANILINE	88-74-4	1600	ND
3-NITROANILINE	99-09-2	1600	ND
4-NITROANILINE	100-01-6	1600	ND
NITROBENZENE	98-95-3	330	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	330	ND
N-NITROSODIPHENYLAMINE	86-30-6	330	ND
PHENANTHRENE	85-01-8	330	ND
PYRENE	129-00-0	330	ND
1,2,4-TRICHLOROBENZENE	120-82-1	330	ND

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-E-SHALLOW

LAB NO: 137607

SAMPLE TYPE: SOIL

DATE SAMPLED: 10/19/2015

TIME SAMPLED: NA

BATCH #: 102615S1

METHOD: SEMI-VOC'S BY GC/MS
REFERENCE: EPA 8270

DATE EXTRACTED: 10/26/2015

DATE ANALYZED: 10/27/2015

SAMPLE TYPE: SOIL

UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
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ACID EXTRACTABLES

4-CHLORO-3-METHYLPHENOL	59-50-7	660	ND
2-CHLOROPHENOL	95-57-8	660	ND
2,4-DICHLOROPHENOL	120-83-2	660	ND
2,4-DIMETHYLPHENOL	105-67-9	660	ND
2,4-DINITROPHENOL	51-28-5	1600	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	ND
2-NITROPHENOL	88-75-5	1600	ND
4-NITROPHENOL	100-02-7	1600	ND
PENTACHLOROPHENOL	87-86-5	1600	ND
PHENOL	108-95-2	660	ND
2-METHYLPHENOL	95-48-7	660	ND
4-METHYLPHENOL	106-44-5	660	ND
2,4,5-TRICHLOROPHENOL	95-95-4	1600	ND
2,4,6-TRICHLOROPHENOL	88-06-2	1600	ND

SURROGATE RECOVERY

	%
NITROBENZENE-D5	64
2-FLUOROBIPHENYL	66
P-TERPHENYL-D14	81
PHENOL-D5	39
2-FLUOROPHENOL	37
2,4,6-TRIBROMOPHENOL	35

TENTATIVELY IDENTIFIED COMPOUND NAME	CAS NO.	REPORTING LIMIT	ESTIMATED SAMPLE CONC
NONE FOUND	NA	330	NA

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *SN*
DATE: 10/26/2015

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL LEAD
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE TYPE: SOIL
UNITS: mg/Kg

SAMPLE ID	LAB ID	BATCH #	DATE SAMPLED	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
SB-15-9.5	137600	101915S1	10/20/2015	10/27/2015	2.50	9.24
SB-16-10	137601	101915S1	10/20/2015	10/27/2015	2.50	9.39

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: UW

DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: COMP-N-SHALLOW
LAB NO: 137602
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH ID: 102315S1

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
ANTIMONY	Sb	10/26/2015	2.50	ND
ARSENIC	As	10/26/2015	2.50	3.46
BARIUM	Ba	10/26/2015	2.50	123
BERYLLIUM	Be	10/26/2015	2.50	ND
CADMIUM	Cd	10/26/2015	2.50	ND
CHROMIUM	Cr	10/26/2015	2.50	56.4
COBALT	Co	10/26/2015	2.50	28.2
COPPER	Cu	10/26/2015	2.50	33.5
LEAD	Pb	10/26/2015	2.50	14.7
MERCURY	Hg	10/26/2015	0.100	0.197
MOLYBDENUM	Mo	10/26/2015	2.50	ND
NICKEL	Ni	10/26/2015	2.50	72.5
SELENIUM	Se	10/26/2015	2.50	ND
SILVER	Ag	10/26/2015	2.50	ND
THALLIUM	Tl	10/26/2015	2.50	ND
VANADIUM	V	10/26/2015	2.50	48.8
ZINC	Zn	10/26/2015	2.50	52.2

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *chw*
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: COMP-N-NATIVE
LAB NO: 137604
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH ID: 102315S1

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
ANTIMONY	Sb	10/26/2015	2.50	ND
ARSENIC	As	10/26/2015	2.50	6.03
BARIUM	Ba	10/26/2015	2.50	193
BERYLLIUM	Be	10/26/2015	2.50	ND
CADMIUM	Cd	10/26/2015	2.50	ND
CHROMIUM	Cr	10/26/2015	2.50	82.4
COBALT	Co	10/26/2015	2.50	19.6
COPPER	Cu	10/26/2015	2.50	34.7
LEAD	Pb	10/26/2015	2.50	11.6
MERCURY	Hg	10/26/2015	0.100	ND
MOLYBDENUM	Mo	10/26/2015	2.50	ND
NICKEL	Ni	10/26/2015	2.50	116
SELENIUM	Se	10/26/2015	2.50	ND
SILVER	Ag	10/26/2015	2.50	ND
THALLIUM	Tl	10/26/2015	2.50	ND
VANADIUM	V	10/26/2015	2.50	53.3
ZINC	Zn	10/26/2015	2.50	65.0

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: Ch
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-S-NATIVE
LAB NO: 137605
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH ID: 102315S1

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
ANTIMONY	Sb	10/26/2015	2.50	ND
ARSENIC	As	10/26/2015	2.50	5.74
BARIUM	Ba	10/26/2015	2.50	187
BERYLLIUM	Be	10/26/2015	2.50	ND
CADMIUM	Cd	10/26/2015	2.50	ND
CHROMIUM	Cr	10/26/2015	2.50	81.3
COBALT	Co	10/26/2015	2.50	17.8
COPPER	Cu	10/26/2015	2.50	36.5
LEAD	Pb	10/26/2015	2.50	42.5
MERCURY	Hg	10/26/2015	0.100	0.267
MOLYBDENUM	Mo	10/26/2015	2.50	ND
NICKEL	Ni	10/26/2015	2.50	111
SELENIUM	Se	10/26/2015	2.50	ND
SILVER	Ag	10/26/2015	2.50	ND
THALLIUM	Tl	10/26/2015	2.50	ND
VANADIUM	V	10/26/2015	2.50	54.0
ZINC	Zn	10/26/2015	2.50	75.6

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *CH*
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: COMP-W-SHALLOW
LAB NO: 137606
DATE SAMPLED: 10/20/2015
TIME SAMPLED: NA
BATCH ID: 102315S1

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
ANTIMONY	Sb	10/26/2015	2.50	ND
ARSENIC	As	10/26/2015	2.50	4.43
BARIUM	Ba	10/26/2015	2.50	76.9
BERYLLIUM	Be	10/26/2015	2.50	ND
CADMIUM	Cd	10/26/2015	2.50	ND
CHROMIUM	Cr	10/26/2015	2.50	58.4
COBALT	Co	10/26/2015	2.50	9.27
COPPER	Cu	10/26/2015	2.50	18.5
LEAD	Pb	10/26/2015	2.50	9.35
MERCURY	Hg	10/26/2015	0.100	ND
MOLYBDENUM	Mo	10/26/2015	2.50	ND
NICKEL	Ni	10/26/2015	2.50	59.7
SELENIUM	Se	10/26/2015	2.50	ND
SILVER	Ag	10/26/2015	2.50	ND
THALLIUM	Tl	10/26/2015	2.50	ND
VANADIUM	V	10/26/2015	2.50	39.2
ZINC	Zn	10/26/2015	2.50	87.2

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY:
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE ID: COMP-E-SHALLOW
LAB NO: 137607
DATE SAMPLED: 10/19/2015
TIME SAMPLED: NA
BATCH ID: 102315S1

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
ANTIMONY	Sb	10/26/2015	2.50	ND
ARSENIC	As	10/26/2015	2.50	6.66
BARIUM	Ba	10/26/2015	2.50	261
BERYLLIUM	Be	10/26/2015	2.50	ND
CADMIUM	Cd	10/26/2015	2.50	ND
CHROMIUM	Cr	10/26/2015	2.50	86.6
COBALT	Co	10/26/2015	2.50	17.6
COPPER	Cu	10/26/2015	2.50	59.3
LEAD	Pb	10/26/2015	2.50	105
MERCURY	Hg	10/26/2015	0.100	0.206
MOLYBDENUM	Mo	10/26/2015	2.50	ND
NICKEL	Ni	10/26/2015	2.50	117
SELENIUM	Se	10/26/2015	2.50	ND
SILVER	Ag	10/26/2015	2.50	ND
THALLIUM	Tl	10/26/2015	2.50	ND
VANADIUM	V	10/26/2015	2.50	55.2
ZINC	Zn	10/26/2015	2.50	175

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: Ch
DATE: 10/28/2015

K PRIME, INC.
LABORATORY REPORT

METHOD: pH
REFERENCE: EPA 9045C


K PRIME PROJECT: 9986
CLIENT PROJECT: 15-2212

SAMPLE TYPE: SOIL
UNITS: pH UNITS

SAMPLE ID	LAB ID #	DATE SAMPLED	BATCH ID	DATE ANALYZED	SAMPLE RESULT
COMP-N-SHALLOW	137602	10/19/2015	102215S1	10/22/2015	8.19
COMP-S-SHALLOW	137603	10/19/2015	102215S1	10/22/2015	8.09
COMP-N-NATIVE	137604	10/19/2015	102215S1	10/22/2015	7.41
COMP-S-NATIVE	137605	10/19/2015	102215S1	10/22/2015	7.19

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 

DATE: 10/28/2015

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B101515S1
SAMPLE TYPE: SOIL

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

BATCH #: 101515S1
DATE EXTRACTED: 10/15/2015
DATE ANALYZED: 10/15/2015

UNITS: mg/kg

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
TPH-G	1.00	ND

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: L101515S1
DUPLICATE ID: D101515S1
BATCH #: 101515S1
SAMPLE TYPE: SOIL
UNITS: mg/kg

DATE EXTRACTED: 10/15/2015
DATE ANALYZED: 10/15/2015

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
TPH-G	5.00	ND	5.75	115	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
TPH-G	1.00	5.75	5.29	8.3	±20

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.

LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B101515S1

BATCH #: 101515S1

DATE ANALYZED: 10/15/2015

METHOD: VOLATILE ORGANIC COMPOUNDS

SAMPLE TYPE: SOIL

REFERENCE: EPA 5035/8260

UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND

K PRIME, INC.

LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B101515S1

BATCH #: 101515S1

DATE ANALYZED: 10/15/2015

METHOD: VOLATILE ORGANIC COMPOUNDS

SAMPLE TYPE: SOIL

REFERENCE: EPA 5035/8260

UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY

%

DIBROMOFLUOROMETHANE	104
TOLUENE-D8	100
4-BROMOFLUOROBENZENE	94

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE ID: B101515S1
SPIKE ID: L101515S1
DUPLICATE ID: D101515S1
BATCH #: 101515S1
SAMPLE TYPE: SOIL
UNITS: µg/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
1,1 DICHLOROETHENE	30.0	ND	26.4	88	60-140
BENZENE	30.0	ND	34.1	114	60-140
TRICHLOROETHENE	30.0	ND	31.7	106	60-140
TOLUENE	30.0	ND	31.6	105	60-140
CHLOROBENZENE	30.0	ND	28.6	95	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
1,1 DICHLOROETHENE	1.50	26.4	27.4	3.6	±20
BENZENE	1.50	34.1	35.2	3.3	±20
TRICHLOROETHENE	1.50	31.7	33.5	5.2	±20
TOLUENE	1.50	31.6	32.0	1.3	±20
CHLOROBENZENE	1.50	28.6	30.1	5.2	±20

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.

LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B102015S1

BATCH #: 102015S1

DATE ANALYZED: 10/20/2015

METHOD: VOLATILE ORGANIC COMPOUNDS

SAMPLE TYPE: SOIL

REFERENCE: EPA 5035/8260

UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND

K PRIME, INC.

LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B102015S1

BATCH #: 102015S1

DATE ANALYZED: 10/20/2015

METHOD: VOLATILE ORGANIC COMPOUNDS

SAMPLE TYPE: SOIL

REFERENCE: EPA 5035/8260

UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	104
TOLUENE-D8	101
4-BROMOFLUOROBENZENE	95

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA -NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE ID: B102015S1
SPIKE ID: L102015S1
DUPLICATE ID: D102015S1
BATCH #: 102015S1
SAMPLE TYPE: SOIL
UNITS: µg/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
1,1 DICHLOROETHENE	30.0	ND	28.7	96	60-140
BENZENE	30.0	ND	34.2	114	60-140
TRICHLOROETHENE	30.0	ND	32.7	109	60-140
TOLUENE	30.0	ND	31.3	104	60-140
CHLOROBENZENE	30.0	ND	28.3	94	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
1,1 DICHLOROETHENE	1.50	28.7	29.4	2.6	±20
BENZENE	1.50	34.2	34.7	1.5	±20
TRICHLOROETHENE	1.50	32.7	33.6	2.7	±20
TOLUENE	1.50	31.3	32.7	4.4	±20
CHLOROBENZENE	1.50	28.3	29.6	4.2	±20

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
 LABORATORY QUALITY CONTROL REPORT

BATCH ID: 101915S1
 DATE EXTRACTED: 10/19/2015
 DATE ANALYZED: 10/19/2015

METHOD: DRO
 REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
 UNITS: mg/Kg

METHOD BLANK ID: B101915S1

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
DRO	10.0	ND

SAMPLE ID: L101915S1
 DUPLICATE ID: D101915S1

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DRO	500	ND	440	88	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DRO	10.0	440	435	1.1	±20

NOTES:

DRO - DIESEL RANGE ORGANICS (C12-C34)
 ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B102615S1
BATCH #: 102615S1
DATE EXTRACTED: 10/26/2015
DATE ANALYZED: 10/27/2015

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	330	ND
ACENAPHTHYLENE	208-96-8	330	ND
ANTHRACENE	120-12-7	330	ND
BENZO (A) ANTHRACENE	56-55-3	330	ND
BENZO (B) FLUORANTHENE	205-99-2	330	ND
BENZO (K) FLUORANTHENE	207-08-9	330	ND
BENZO (A) PYRENE	50-32-8	330	ND
BENZO (G,H,I) PERYLENE	191-24-2	330	ND
BENZYL ALCOHOL	100-51-6	330	ND
BUTYL BENZYL PHTHALATE	85-68-7	330	ND
BIS (2-CHLOROETHYL) ETHER	111-44-4	330	ND
BIS (2-CHLOROETHOXY) METHANE	111-91-1	330	ND
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	330	ND
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	330	ND
4-BROMOPHENYL PHENYL ETHER	101-55-3	330	ND
4-CHLOROANILINE	106-47-8	330	ND
2-CHLORONAPHTHALENE	91-58-7	330	ND
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	ND
CHRYSENE	218-01-9	330	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	330	ND
DIBENZOFURAN	132-64-9	330	ND
DI-N-BUTYLPHTHALATE	84-74-2	330	ND
1,2-DICHLOROBENZENE	95-50-1	330	ND
1,3-DICHLOROBENZENE	541-73-1	330	ND
1,4-DICHLOROBENZENE	106-46-7	330	ND
3,3'-DICHLOROBENZIDINE	91-94-1	660	ND
DIETHYLPHTHALATE	84-66-2	330	ND
DIMETHYL PHTHALATE	131-11-3	330	ND
2,4-DINITROTOLUENE	121-14-2	330	ND
2,6-DINITROTOLUENE	606-20-2	330	ND
DI-N-OCTYL PHTHALATE	117-84-0	330	ND
FLUORANTHENE	206-44-0	330	ND
FLUORENE	86-73-7	330	ND
HEXACHLOROBENZENE	118-74-1	330	ND
HEXACHLOROBUTADIENE	87-68-3	330	ND
HEXACHLOROCYCLOPENTADIENE	77-47-4	330	ND
HEXACHLOROETHANE	67-72-1	330	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	330	ND
ISOPHORONE	78-59-1	330	ND

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B102615S1
 BATCH #: 102615S1
 DATE EXTRACTED: 10/26/2015
 DATE ANALYZED: 10/27/2015

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
 REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
2-METHYLNAPHTHALENE	91-57-6	330	ND
NAPHTHALENE	91-20-3	330	ND
2-NITROANILINE	88-74-4	1600	ND
3-NITROANILINE	99-09-2	1600	ND
4-NITROANILINE	100-01-6	1600	ND
NITROBENZENE	98-95-3	330	ND
N-NITROSO-DI-N-PROPYLAMINE	621-64-7	330	ND
N-NITROSODIPHENYLAMINE	86-30-6	330	ND
PHENANTHRENE	85-01-8	330	ND
PYRENE	129-00-0	330	ND
1,2,4-TRICHLOROBENZENE	120-82-1	330	ND

ACID EXTRACTABLES

4-CHLORO-3-METHYLPHENOL	59-50-7	660	ND
2-CHLOROPHENOL	95-57-8	660	ND
2,4-DICHLOROPHENOL	120-83-2	660	ND
2,4-DIMETHYLPHENOL	105-67-9	660	ND
2,4-DINITROPHENOL	51-28-5	1600	ND
4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	ND
2-NITROPHENOL	88-75-5	1600	ND
4-NITROPHENOL	100-02-7	1600	ND
PENTACHLOROPHENOL	87-86-5	1600	ND
PHENOL	108-95-2	660	ND
2-METHYLPHENOL	95-48-7	660	ND
4-METHYLPHENOL	106-44-5	660	ND
2,4,5-TRICHLOROPHENOL	95-95-4	1600	ND
2,4,6-TRICHLOROPHENOL	88-06-2	1600	ND

SURROGATE RECOVERY

	%
NITROBENZENE-D5	62
2-FLUOROBIPHENYL	66
P-TERPHENYL-D14	85
PHENOL-D5	33
2-FLUOROPHENOL	34
2,4,6-TRIBROMOPHENOL	31

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L102615S1
DUPLICATE ID: D102615S1
BATCH #: 102615S1
DATE EXTRACTED: 10/26/2015
DATE ANALYZED: 10/27/2015

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
ACENAPHTHENE	5000	ND	3340	67	47-145
1,4-DICHLOROBENZENE	5000	ND	3190	64	20-124
2,4-DINITROTOLUENE	5000	ND	2990	60	60-140
PYRENE	5000	ND	4100	82	60-140
1,2,4-TRICHLOROBENZENE	5000	ND	3420	68	60-140
4-CHLORO-3-METHYLPHENOL	10000	ND	7300	73	20-140
2-CHLOROPHENOL	10000	ND	7010	70	D-140
4-NITROPHENOL	10000	ND	7140	71	D-140
PENTACHLOROPHENOL	10000	ND	5960	60	D-140
PHENOL	10000	ND	6800	68	30-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
ACENAPHTHENE	330	3340	3090	7.8	±20
1,4-DICHLOROBENZENE	330	3190	3210	0.6	±20
2,4-DINITROTOLUENE	330	2990	2940	1.7	±20
PYRENE	330	4100	4120	0.5	±20
1,2,4-TRICHLOROBENZENE	330	3420	3040	11.8	±20
4-CHLORO-3-METHYLPHENOL	330	7300	7150	2.1	±20
2-CHLOROPHENOL	660	7010	6800	3.0	±20
4-NITROPHENOL	1600	7140	7060	1.1	±20
PENTACHLOROPHENOL	1600	5960	5800	2.7	±20
PHENOL	660	6800	6670	1.9	±20

NOTES:

ND = NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
D = DETECTED

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L102315S1
DUPLICATE ID: D102315S1
METHOD BLANK ID: B011615W1
BATCH #: 102315S1
DATE ANALYZED: 10/26/2015

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT		MB mg/Kg	SA mg/Kg	SR mg/Kg	SP mg/Kg	SPD mg/Kg	SP %R	RPD %
ANTIMONY	Sb	<2.50	25.0	0.0	25.8	25.6	103	0.7
ARSENIC	As	<2.50	25.0	0.0	24.9	24.7	100	0.8
BARIUM	Ba	<2.50	25.0	0.0	25.7	25.4	103	1.2
BERYLLIUM	Be	<2.50	25.0	0.0	25.4	25.3	102	0.5
CADMIUM	Cd	<2.50	25.0	0.0	25.3	25.2	101	0.4
CHROMIUM	Cr	<2.50	25.0	0.0	25.2	25.2	101	0.4
COBALT	Co	<2.50	25.0	0.0	24.6	24.2	98	1.5
COPPER	Cu	<2.50	25.0	0.0	25.6	25.2	102	1.7
LEAD	Pb	<2.50	25.0	0.0	25.7	25.5	103	0.9
MERCURY	Hg	<0.100	1.00	0.0	1.08	1.06	108	1.7
MOLYBDENUM	Mo	<2.50	25.0	0.0	25.8	25.4	103	1.5
NICKEL	Ni	<2.50	25.0	0.0	25.3	24.9	101	1.3
SELENIUM	Se	<2.50	25.0	0.0	23.2	23.1	93	0.1
SILVER	Ag	<2.50	12.5	0.0	11.1	11.5	89	3.2
THALLIUM	Tl	<2.50	25.0	0.0	25.9	26.0	104	0.5
VANADIUM	V	<2.50	25.0	0.0	25.2	24.9	101	1.2
ZINC	Zn	<2.50	25.0	0.0	24.8	24.5	99	1.2

NOTES:

ND: NOT DETECTED
 MB: METHOD BLANK
 SA: SPIKE ADDED
 SR: SAMPLE RESULT
 SP: SPIKE RESULT
 SPD: SPIKE DUPLICATE RESULT
 SP(%R): SPIKE % RECOVERY
 RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: MS137602
DUPLICATE ID: SD137602
METHOD BLANK ID: B011615W1
BATCH #: 102315S1
DATE ANALYZED: 10/26/2015

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT		MB mg/Kg	SA mg/Kg	SR mg/Kg	SP mg/Kg	SPD mg/Kg	SP %R	RPD %
ANTIMONY	Sb	<2.50	25.0	<2.50	7.52	7.52	29	0.0
ARSENIC	As	<2.50	25.0	3.46	26.2	25.5	91	2.6
BARIUM	Ba	<2.50	25.0	123	146	137	93	6.5
BERYLLIUM	Be	<2.50	25.0	<2.50	25.6	25.8	100	0.7
CADMIUM	Cd	<2.50	25.0	<2.50	24.5	24.5	98	0.1
CHROMIUM	Cr	<2.50	25.0	56.4	77.6	78.1	85	0.6
COBALT	Co	<2.50	25.0	28.2	53.7	48.1	102	11.0
COPPER	Cu	<2.50	25.0	33.5	58.0	56.8	98	2.1
LEAD	Pb	<2.50	25.0	14.7	39.0	38.7	97	0.7
MERCURY	Hg	<0.100	1.00	0.197	1.08	1.03	88	5.3
MOLYBDENUM	Mo	<2.50	25.0	<2.50	23.0	22.6	90	1.6
NICKEL	Ni	<2.50	25.0	72.5	101	92.6	113	8.3
SELENIUM	Se	<2.50	25.0	<2.50	20.9	20.4	84	2.6
SILVER	Ag	<2.50	12.5	<2.50	11.1	11.8	88	6.3
THALLIUM	Tl	<2.50	25.0	<2.50	25.4	25.3	101	0.6
VANADIUM	V	<2.50	25.0	48.8	73.5	79.3	99	7.5
ZINC	Zn	<2.50	25.0	52.2	75.8	77.8	94	2.6

NOTES:

ND: NOT DETECTED
 MB: METHOD BLANK
 SA: SPIKE ADDED
 SR: SAMPLE RESULT
 SP: SPIKE RESULT
 SPD: SPIKE DUPLICATE RESULT
 SP(%R): SPIKE % RECOVERY
 RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L101915S1
DUPLICATE ID: D101915S1
METHOD BLANK ID: B102315S1
BATCH #: 101915S1
DATE ANALYZED: 10/20/2015

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT		MB mg/Kg	SA mg/Kg	SR mg/Kg	SP mg/Kg	SPD mg/Kg	SP %R	RPD %
LEAD	Pb	<2.50	25.0	0.0	25.1	25.3	100	0.9

NOTES:

ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD: pH
REFERENCE: EPA 9045C

BATCH ID: 102215S1
SAMPLE TYPE: SOIL
UNITS: pH UNITS

I. PRECISION (DUPLICATE)

SAMPLE ID: 137605
DUPLICATE ID: 137605DUP

COMPOUND NAME	REPORTING LIMIT	PRIMARY RESULT	DUPLICATE RESULT	RPD (%)
pH	NA	7.19	7.15	0.6

II. ACCURACY

REFERENCE ID: L102215S1

COMPOUND NAME	REPORTING LIMIT	CERTIFIED VALUE	FOUND VALUE	ACCURACY (%)
pH	NA	9.13	9.05	99

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

Client/Project ID	Address/Phone	ANALYSES		KPI Project No.			
EBA ENBIMETANK	825 Serrano Ave CA	GRD		99186			
Project Location	Client Project No.	PH					
CERRI	15-2212	5VOCs w/ TIC					
Contact	Sampler (Signature)	CAM 17					
E. Pratt	<i>[Signature]</i>	YOCs					
Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	Expected Turnaround Time	Remarks
SB-1-0.5	10/19/15	0900	137576	SOIL	1	5-DAY	① 4 FT COMP
SB-2-0.5		0950	137577				"COMP-N-SHALLOW"
SB-5-0.5		1035	137578				② 4 FT COMP
SB-6-0.5		1105	137579				"COMP-S-SHALLOW"
SB-7-0.5		1145	137580				③ 4 FT COMP
SB-8-0.5		1300	137581				"COMP-N-NATIVE"
SB-11-0.5		1325	137582				
SB-12-0.5		1345	137583				
SB-1-7		0920	137584				
SB-2-7		1005	137585				
SB-5-8		1045	137586				
SB-6-8		1110	137587				
SB-6-14		1120	137588				
Relinquished by: (Signature)		<i>[Signature]</i>		Received by: (Signature)		Date: 10/21/15 Time: 15:05	
Relinquished by: (Signature)				Received by: (Signature)		Date: _____ Time: _____	
Relinquished by: (Signature)				Received by: (Signature)		Date: _____ Time: _____	
Disposal Method				White Copy : Accompanies Samples			
Disposed by: (Signature)				Yellow Copy : Sampler			

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CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

Client/Project ID		Address/Phone		ANALYSES		KPI Project No.	
EBA ENGINEERING		825 SOMMA AVE CA		TOTAL LEAD		9986	
Project Location		Client Project No.		PH		EDF Log Code: _____	
CERRI		15-22-12		SWCS w/ TIC			
Contact		Sampler (Signature)		CAM 17			
E. PRATT				VOCs			
Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	Expected Turnaround Time	Remarks
SB-7-7	10/19/15	1150	137589	SOIL	1	5-DAY	4 PT COMP
SB-8-8	↓	1305	137590	↓	↓		"COMP-S-NATIVE"
SB-11-8	↓	1330	137591	↓	↓		5 PT COMP
SB-12-7.5	↓	1350	137592	↓	↓		"COMP-W-SHALLOW"
SB-4-0.5	10/20/15	1335	137593	↓	↓		3 PT COMP
SB-10-2	10/20/15	1510	137594	↓	↓		"COMP-E-SHALLOW"
SB-3-1.5	10/19/15	1410	137595	↓	↓		
SB-9-2	↓	1520	137596	↓	↓		* PLEASE
SB-13-1.5	↓	1600	137597	↓	↓		NOTE DATE
SV-2-2	10/14/15	1040	137598	↓	↓	X	X
SV-2-5	↓	1055	137599	↓	↓	X	X
SB-15-109.5	10/20/15	0838	137600	↓	↓	X	X
SB-16-10	↓	1005	137601	↓	↓	X	X
Relinquished by: (Signature)				Received by: (Signature)		Date	
Relinquished by: (Signature)				Received by: (Signature)		Date	
Relinquished by: (Signature)				Received by: (Signature)		Date	
Disposal Method				White Copy : Accompanies Samples		Time	
Disposed by: (Signature)				Yellow Copy : Sampler		Time	

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**per Even 10/22/15
back

Date 10/21/15 Time 15:05

Date Time

Date Time

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

Client/Project ID		Address/Phone		KPI Project No.			
EDA Engineering		825 Sonoma Ave. Santa Rosa, CA		9986			
Project Location		Client Project No.		ANALYSES			
Cerrito		15-2212		<input type="checkbox"/> EDF Log Code: _____			
Contact		Sampler (Signature)		Global ID			
E. Platt							
Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	Expected Turnaround Time	Remarks
Comp-N- Shallow	10/19/15	-	137602	S		5 Day	Comp 137576-137579
Comp-S- Shallow	↓	-	137603	↓			Comp 137580-137583
Comp-N- Native	↓	-	137604	↓			Comp 137584-137587
Comp-S- Native	↓	-	137605	↓			Comp 137589-137592
Comp-W- Shallow	10/20/15	-	137606	↓			Comp 137593-137594
Comp-E- Shallow	10/19/15	-	137607	↓			Comp 137595-137597
Relinquished by: (Signature)		Date		Time			
Lab Composite				10/21/15		15:05	
Relinquished by: (Signature)		Date		Time			
Relinquished by: (Signature)		Date		Time			
Disposal Method		Date		Time			
Disposed by: (Signature)		Date		Time			

Received by: (Signature)
Myrtle Roberts

Received by: (Signature)

Received by: (Signature)

White Copy : Accompanies Samples
Yellow Copy : Sampler

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 11/2/2015

TO: MR. EVAN PLATT
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataebal@ebagroup.com

ACCT: 9986
PROJ: 15-2212

FROM: Richard A. Kage1, Ph.D. *RAK hmc*
Laboratory Director *11/2/2015*

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 15-2212

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
COMP-N-SHALLOW	SOIL	10/19/2015	NA	137602

The above listed sample group was received on 10/21/2015 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.



Alpha

Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

ELAP Certificates 1551, 2728, and 2922

02 November 2015

K Prime

Attn: Carla Kagel

3621 Westwind Blvd.

Santa Rosa, CA 95403

RE: Solids Testing

Work Order: 15J2319

Enclosed are the results of analyses for samples received by the laboratory on 10/23/15 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeanette L. Poplin For Sheri L. Speaks

Project Manager



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

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Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

K Prime
3621 Westwind Blvd.
Santa Rosa, CA 95403

Project Manager: Carla Kagel
Project: Solids Testing
Project Number: 9986

Reported:
11/02/15 13:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
137602	15J2319-01	Soil	10/19/15 00:00	10/23/15 15:30

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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e-mail: clientservices@alpha-labs.com

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Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

K Prime 3621 Westwind Blvd. Santa Rosa, CA 95403	Project Manager: Carla Kagel Project: Solids Testing Project Number: 9986	Reported: 11/02/15 13:22
--	---	-----------------------------

	Result	Reporting Limit	Dilution	Batch	Prepared	Analyzed	Method	Note
137602 (15J2319-01)								
				Sample Type: Soil		Sampled: 10/19/15 00:00		
RCRA Hazardous Characteristics by EPA Methods								
Corrosivity	7.8 pH Units	1.0	1	AJ52932	10/29/15 12:13	10/29/15 12:13	EPA 9045C	
Ignitability by Flashpoint	>220 °F	40	1	AJ52834	10/28/15 08:14	10/30/15 07:43	EPA 1010	F-03
Reactive Sulfide	ND mg/L	500	1	AJ52745	10/28/15 08:00	10/28/15 15:41	SW846 Ch.7	
Reactive Cyanide	ND mg/kg	250	1	AJ52118	10/26/15 07:30	10/27/15 10:07	SW846 Ch.7	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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e-mail: clientservices@alpha-labs.com

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Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

K Prime
3621 Westwind Blvd.
Santa Rosa, CA 95403

Project Manager: Carla Kagel
Project: Solids Testing
Project Number: 9986

Reported:
11/02/15 13:22

RCRA Hazardous Characteristics by EPA Methods - Quality Control

Analyte(s)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AJ52745 - General Preparation										
Blank (AJ52745-BLK1)					Prepared & Analyzed: 10/28/15					
Reactive Sulfide	ND	500	mg/L							
Batch AJ52834 - General Prep										
LCS (AJ52834-BS1)					Prepared: 10/28/15 Analyzed: 10/30/15					
Ignitability by Flashpoint	83	40	°F	81.0		102	95-115			
LCS Dup (AJ52834-BSD1)					Prepared: 10/28/15 Analyzed: 10/30/15					
Ignitability by Flashpoint	83	40	°F	81.0		102	95-115	0.00	11	
Batch AJ52932 - General Preparation										
Duplicate (AJ52932-DUP1)					Source: 15J2319-01 Prepared & Analyzed: 10/29/15					
Corrosivity	7.90	1.0	pH Units		7.83			0.890	5	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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K Prime
3621 Westwind Blvd.
Santa Rosa, CA 95403

Project Manager: Carla Kagel
Project: Solids Testing
Project Number: 9986

Reported:
11/02/15 13:22

Notes and Definitions

>220 >220

F-03 No flash detected up to 220 °F.

ND Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

REC Recovery

RPD Relative Percent Difference

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

Client/Project ID		Address/Phone		ANALYSES		KPI Project No.	
EBA ENGINEERING		825 SOMERVALE CA		GRD RPT PH SWCS w/ TIC CAM 17 NOCS		99186	
Project Location		Client Project No.		EDF		Log Code:	
CERRI		15-2212		<input type="checkbox"/>		_____	
Contact		Sampler (Signature)		Global ID		Expected Turnaround Time	
E. PLATT		<i>[Signature]</i>		_____		_____	
Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	Remarks	
SB-1-0.5	10/19/15	0900	137576	SOIL	1	5-DAY	① 4 PT COMP
SB-2-0.5		0950	137577				"COMP-N-SHALLOW"
SB-5-0.5		1035	137578				② 4 PT COMP
SB-6-0.5		1105	137579				"COMP-S-SHALLOW"
SB-7-0.5		1145	137580				③ 4 PT COMP
SB-8-0.5		1300	137581				"COMP-N-NATIVE"
SB-11-0.5		1325	137582				
SB-12-0.5		1345	137583				
SB-1-7		0920	137584				
SB-2-7		1005	137585				
SB-5-8		1045	137586				
SB-6-8		1110	137587				
SB-6-14		1120	137588				
Relinquished by: (Signature)		<i>[Signature]</i>		Received by: (Signature)		Date	
Relinquished by: (Signature)		<i>[Signature]</i>		REW-COOL KPI		10/21/15 15:05	
Relinquished by: (Signature)		<i>[Signature]</i>		Received by: (Signature)		Date	
Relinquished by: (Signature)		<i>[Signature]</i>		Received by: (Signature)		Date	
Disposal Method				White Copy : Accompanies Samples			
Disposed by: (Signature)				Yellow Copy : Sampler			

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K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

Client/Project ID	Address/Phone	ANALYSES		KPI Project No.	
EPA ENGINEERING	825 SOMMA AVE SANTA ROSA CA			9986	
Project Location	Client Project No.	GLOBAL ID			
CERRI	15-22-12	<input type="checkbox"/> EDF Log Code: _____			
Contact	Sampler (Signature)	Expected Turnaround Time			
E. PRATT		TOTAL LEAD			
Sample Identification No.	Date	Time	Type of Sample	No. of Containers	Remarks
SB-7-7	10/19/15	1150	SOIL	1	5-DAY ④ 4 PT COMP
SB-8-8	↓	1305	↓	↓	"COMP-S-NATIVE"
SB-11-8	↓	1330	↓	↓	⑤ 2 PT COMP
SB-12-7.5	↓	1350	↓	↓	"COMP-W-SHALLOW"
SB-4-0.5	10/20/15	1335	↓	↓	⑥ 3 PT COMP
SB-10-2	10/20/15	1510	↓	↓	"COMP-E-SHALLOW"
SB-3-1.5	10/19/15	1410	↓	↓	
SB-9-2	↓	1520	↓	↓	X PLEASE
SB-13-1.5	↓	1600	↓	↓	NOTE DATE
SV-2-2	10/14/15	1040	↓	↓	X X
SV-2-5	↓	1055	↓	↓	X X
SB-15-7.9.5	10/20/15	0838	↓	↓	X X
SB-16-10	↓	1005	↓	↓	X X
Relinquished by: (Signature)		Received by: (Signature)		Date	Time
		NW-Cole KPT		10/21/15	15:05
Relinquished by: (Signature)		Received by: (Signature)		Date	Time
Relinquished by: (Signature)		Received by: (Signature)		Date	Time
Disposal Method					
Disposed by: (Signature)				Date	Time

White Copy : Accompanies Samples
Yellow Copy : Sampler

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3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

Client/Project ID		Address/Phone		KPI Project No.				
EPA Engineering		825 Sonoma Ave. Santa Rosa, CA		9986				
Project Location		Client Project No.		EDF Log Code:				
Cerri		15-2212		<input type="checkbox"/>				
Contact		Sampler (Signature)		Global ID				
E. Platt								
Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	ANALYSES	Expected Turnaround Time	Remarks
Comp-N-Shallow	10/19/15	-	137602	S		VOCs CM 17 SVCS w/ TICs PH RC1	5 Day	Comp 137576-137579
Comp-S-Shallow	↓	-	137603	↓				Comp 137580-137583
Comp-N-Native	↓	-	137604	↓				Comp 137584-137587
Comp-S-Native	↓	-	137605	↓				Comp 137589-137592
Comp-W-Shallow	10/20/15	-	137606	↓				Comp 137593-137594
Comp-E-Shallow	10/19/15	-	137607	↓				Comp 137595-137597
Relinquished by: (Signature)		Lab Composite		Received by: (Signature)		Date	Time	
				Myrtle Ricketts		10/21/15	15:05	
Relinquished by: (Signature)				Received by: (Signature)		Date	Time	
						Date	Time	
Relinquished by: (Signature)				Received by: (Signature)		Date	Time	
						Date	Time	
Disposal Method				Received by: (Signature)		Date	Time	
Disposed by: (Signature)				Received by: (Signature)		Date	Time	
						Date	Time	

White Copy : Accompanies Samples
Yellow Copy : Sampler

APPENDIX N

PROFESSIONAL QUALIFICATIONS

DAVID M. NOREN

MANAGER, ENVIRONMENTAL SERVICES

PROFESSIONAL CERTIFICATIONS/MEMBERSHIPS

Registered Environmental Assessor, California
OSHA 40 Hour Hazardous Waste Operations & Emergency Response Training
OSHA 8 Hour Hazardous Waste Activities Management Training
Supervisor Training in Hazardous Waste Operations
American Red Cross First Aid and CPR

Board Member North Coast Regional Water Quality Control Board

EDUCATIONAL BACKGROUND

M.Sc., Environmental Management
University of San Francisco, San Francisco, California

B.Sc., Agricultural Science & Management
University of California Davis, Davis, California

EXPERIENCE SUMMARY

Mr. Noren is a Registered Environmental Assessor with over 18 years of experience in the field of environmental assessments and investigations. Prior experience includes technical and management services for a wide range of environmental, hydrogeologic, and solid waste landfill projects. The nature and scope of these projects have included field and management positions for property assessments, assessments of surface and subsurface geologic investigations, underground fuel storage tank investigations and remediation, hydrogeologic characterization investigations, remedial action design and implementation of soil, groundwater, and landfill gas corrective action programs and storm water management sampling and reporting.

At EBA Engineering, Mr. Noren is the Manager of Environmental Services and oversees a number of projects including site investigations and monitoring, environmental assessments, as well as providing technical support and management services for solid waste management projects. The management requirements include the oversight of project budgets, client interactions, site investigation activities and field and reporting programs.

Mr. Noren has experience in the application of numerous investigative and treatment methodologies in a wide range of geologic environments including performing the investigation and remediation of a diverse range of contaminated sites and municipal solid waste facilities.