PHASE I ENVIRONMENTAL SITE ASSESSMENT
APN 125-101-044 SEBASTOPOL ROAD
SANTA ROSA, CALIFORNIA

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A Report Prepared for:

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Phase I Environmental Site Assessment,
APN 125-101-044 Sebastopol Road
Santa Rosa, California

November 22, 2019

Certification Statement

I declare to the best of my professional knowledge and belief I meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312 and I have the specific qualifications based on education, training, and experience, to assess a property of the nature, history, and setting of the subject property . I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by:
CKG Environmental, Inc.

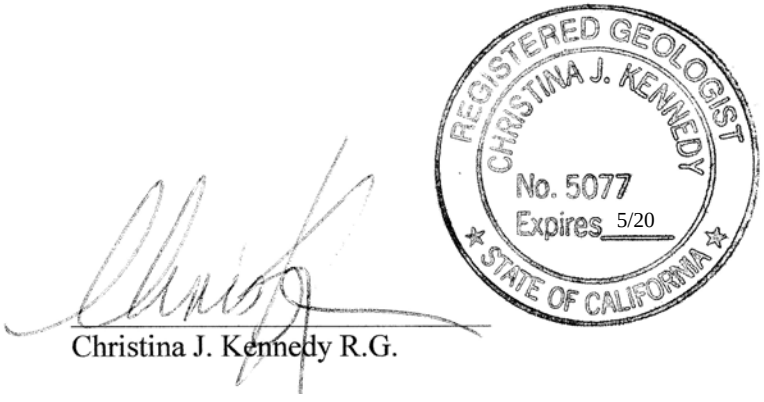

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TABLE OF CONTENTS

1.0 SUMMARY 1
2.0 INTRODUCTION 3
2.1 Purpose 3
2.2 Scope of Services 3
2.3 Significant Assumptions 4
2.4 Limitations and Exceptions 5
2.5 User Reliance 5
3.0 SITE DESCRIPTION 6
3.1 Location and Legal Description 6
3.2 Current Use of the Property 6
3.3 Description of Structures, Roads, Other Improvements on the Site 6
3.4 Current Uses of the Adjoining Properties 6
4.0 USER PROVIDED INFORMATION 7
4.1 Title Records 7
4.2 Environmental Liens or Activity Use Limitations (AUL's) 7
4.3 Specialized Knowledge 7
4.4 Actual Knowledge 7
4.5 Valuation or Reduction for Environmental Issues 7
4.6 Commonly Known or Reasonably Ascertainable Information 8
4.7 Obviousness 8
4.8 Reason for conducting Phase I Environmental Assessment 8
4.9 Owner, Property Manager and Occupant Information 8
5.0 RECORDS REVIEW 9
5.1 Standard Environmental Record Sources 9
5.1.1 Database Listings for the Subject Site 10
5.1.2 Database Listings for Neighboring Sites 10
5.1.3 Vapor Encroachment Screening 12
5.2 Physical Setting Sources 13
5.2.1 Regional Physiographic Setting 13
5.2.2 Soil Conditions 13
5.3 Local Geology 13
5.4 Hydrogeology 13
5.5 Historical Use Information on the Property 14
5.6 Historical Use Information on the Adjoining Properties 14
6.0 PROPERTY RECONNAISSANCE 15
6.1 Methodology and Limiting Conditions 15
6.2 General Site Setting 15
6.3 Exterior Observations 15
6.4 Interior Observations 15
6.5 Property Construction and Utilities 15
6.6 Hazardous Materials Use, Generation, and Disposal 16
6.7 Asbestos Observations 16
6.8 PCB Observations 16

7.0 INTERVIEWS 17
8.0 EVALUATION 18
8.1 Conclusions 18
8.2 Recommendations 18
8.3 Data Gaps 18
8.4 Additional Services 18
9.0 DEVIATIONS 19
10.0 REFERENCES 20

PLATES

PLATE 1 SITE LOCATION MAP

APPENDICES

APPENDIX A REGULATORY AGENCY DATABASE REPORTS
APPENDIX B EXCERPTS FROM REGULATORY FILES
APPENDIX C SOIL VAPOR INVESTIGATION REPORT
APPENDIX D SANBORN MAPS, AERIAL PHOTOGRAPHS AND TOPOGRAPHIC MAPS
APPENDIX E PHOTOGRAPHIC LOG
APPENDIX F QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

1.0 SUMMARY

CKG Environmental, Inc. has completed this Phase I Environmental Site Assessment (Phase I ESA) for Boys and Girls Clubs Sonoma-Marin (BGCSM). The assessment was conducted in accordance with the ASTM E 1527-13 guidance and according to "all appropriate inquiry into the previous ownership and uses of the Property with good commercial and customary practice" as defined in CERCLA, 42 USC 9601 (35) (B). The Property is on the north side of Sebastopol Road between Roseland Avenue and West Avenue in Santa Rosa, California and is referred to in this report as the Site or Property.

The Site consists of one parcel (APN 125-101-044). The Property is in the Roseland neighborhood of Santa Rosa and is undeveloped except for asphalt paving and a chain link fence.

The Property history and land use has been recreated from a synthesis of historic Sanborn Maps, historical aerial photographs, historical topographic maps, interviews, public agency records, and other available resources (see Section 4.9).

From prior to 1942 until before 1968 the Subject Site was part of a larger agricultural property. The main residence was off site adjacent to Sebastopol Road. The Property had a few agricultural structures on it including two small sheds and what appears to be a small chicken coop. By 1957 the chicken coop was gone and by 1968 the property was completely cleared and undeveloped. A gasoline station (presently a Beacon Station) was located immediately to the south of the Property. Most of the commercial structures to the east and west were constructed including what appears to be a bus maintenance yard at the location of the present Laidlaw Transportation yard. The buildings associated with National Ice were constructed between 1973 and 1982. The Subject Site remained undeveloped until sometime between 1985 and 1993 when it was paved and then used by the bus company to park buses until 2017. The Property has been fenced and unused since the buses moved out. The surrounding area was originally used mainly for agricultural purposes with small plots along Sebastopol Road. From the late 1950s until the present the area was increasingly developed with a commercial corridor along Sebastopol Road and residential areas to the south.

A thorough Property survey, a complete review of regulatory agency records, a review of local historical resources, and interviews with people with knowledge of the Site revealed the potential for soil vapor intrusion to indoor air resulting from subsurface releases at nearby properties. The soil vapor investigation showed that constituents of concern including Tetrachloroethene (dry-cleaning solvent), benzene, (a gasoline additive), and chloroform (probably associated with the dry-cleaning solvent) occur in soil vapors above the residential screening levels beneath the Property. No other environmental conditions on the Site that would be the subject of an

enforcement action if brought to the attention of appropriate governmental agencies were observed.

Based on the above conclusions, CKG does not recommend additional investigations at the Subject Site. The presence of constituents of concern in the soil vapor above the residential screening level, however, means that a building constructed on the property that is intended for use as a Boy and Girls Club must be constructed with a passive soil vapor mitigation system. Such a system can include a spray on impermeable layer as part of the foundation/flooring or ventilation piping underneath the building. More information is provided in the soil vapor investigation report provided in Appendix C of this report (starting on page 2061 of the pdf file).

2.0 INTRODUCTION

2.1 Purpose

CKG Environmental, Inc. (CKG) is pleased to submit this Phase I Environmental Site Assessment (ESA) to BGCSM. The report relates to the Property on the north side of Sebastopol Road between Roland Avenue and West Avenue, in Santa Rosa, California. CKG understands that BGCSM is considering purchasing the property. The purpose of the assessment was to assess "the presence or likely presence of any hazardous substance 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 properties or into the ground, groundwater, or surface water of the property." 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" (ASTM Designation: E 1527-13, §1.1.1) and according to "all appropriate inquiry into the previous ownership and uses of the Properties with good commercial and customary practice" as defined in CERCLA, 42 USC 9601 (35) (B).

2.2 Scope of Services

CKG has been requested to perform this Phase I Environmental Assessment by BGCSM. The scope and format of services completed complies with ASTM Designation: E 1527-13 and "all appropriate inquiry into the previous ownership and uses of the Properties with good commercial and customary practice" as defined in CERCLA, 42 USC 9601 (35) (B).

The scope of services for this ESA consisted of several tasks, including:

i) A reconnaissance of the site and its vicinity;
ii) A compilation of the property history, including the review of previous environmental reports for the subject property (if available);
iii) A file review at relevant agencies (if needed);
iv) An agency list search of facilities with recorded environmental issues within the radii required by ASTM;
vii) A summary of our findings and conclusions.

As per ASTM Practice E 1527-13 and "all appropriate inquiry into the previous ownership and uses of the Property with good commercial and customary practice" as defined in CERCLA, 42 USC 9601 (35) (B)., exceptions, additions *or deletions* to this standard include:

2.3 Significant Assumptions

Statements and conclusions made in this report are based on the writer's visual perception and experience and are to be considered and interpreted in their entirety. This report merely documents readily observable conditions based upon the writer's knowledge of construction, real estate, and environmental issues.

An ESA is a non-intrusive examination. As such, it is not a full and complete assessment of all environmental conditions. Adverse conditions may exist that could not be discovered by such an assessment. CKG has made every reasonable effort to discover and interpret the information and current conditions regarding the site within the time available. CKG will not recommend additional investigations in accordance with Section 12.6.1 of ASTM 1527-13.

This report must not be regarded as a guarantee that no further contamination exists beyond that which may have been detected within the building or beneath the Property. If additional relevant information about the Property is brought to CKG's attention, the conclusions and recommendations contained in the report may not be valid.

CKG has retained the services of Environmental Data Resources, Inc. (EDR) to search public agency records at the federal, state and local levels for cases, which could impact the Property. The accuracy of government databases or the reports of private database vendors are assumed to be correct and complete but cannot be extensively verified or guaranteed beyond field observations or after the date of the search inquiry (September 3, 2019). It is also assumed that regulatory agency files reviewed by CKG are current and complete. Interviews with major service vendors were not performed.

It also should be recognized that not all aspects of environmental inspections and laboratory analysis are exact sciences. Although a number of theoretical methods of analysis have been developed, there is always a certain degree of uncertainty associated with environmental assessments. Our recommendations herein assume normal and acceptable risks, and the client needs to recognize and accept this risk to avoid impractical, unusual, or normally unwarranted response actions, responsibilities, and expenses.

2.4 Limitations and Exceptions

This inspection and report are limited in scope to the visual observations existing at the time of the inspections, and the public records available for review at that time. No special tests were conducted on any building element and no building elements were removed to reveal any conditions that may exist. No inaccessible areas were inspected.

2.5 User Reliance

The service provided for this assessment is for the benefit of BGCSM and is not transferable without assignment of reliance from CKG.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The Site consists of one parcel (Plate 1) located on the north side of Sebastopol Road between Roseland Avenue and West Avenue, in Santa Rosa, California.

3.2 Current Use of the Property

The Property is undeveloped except for asphalt paving and a chain link fence down the east center of the Property.

3.3 Description of Structures, Roads, Other Improvements on the Site

The Property at APN 125-101-044 Sebastopol Road includes a total of 1.01 undeveloped acres except for asphalt paving and a chain link fence in the east center of the Property.

Site water and sanitation would be provided by the City of Santa Rosa.

3.4 Current Uses of the Adjoining Properties

Adjacent properties are used mainly for commercial purposes. The following table summarizes occupancy on adjacent sites.

Adjacent Properties

Direction	Business/Operation
North	National Ice wholesale operation
South	Beacon Service Station
East	Various commercial business including boar storage, hardware, and Roseland Public Library
West	Laidlaw Transportation/First Student school bus yard
Northwest	Laidlaw Transportation/First Student school bus yard
Northeast	Various including a dog training facility, National Ice, and the Dollar Tree retail store.
Southeast	Foster's Freeze fast food
Southwest	Various commercial operations including a coin laundry and furniture store.

4.0 USER PROVIDED INFORMATION

The "user" is defined by ASTM Designation: E 1527-13 (Section 3.2.98) as the party seeking to use Practice E 1527 to perform an environmental site assessment of the property. A user may include, without limitation, a purchaser of property, an owner of property, a lender, or a property manager. BGCSM is the user of this assessment.

4.1 Title Records

A chain of title was not made available for review.

4.2 Environmental Liens or Activity Use Limitations (AUL's)

BGCSM is not aware of any environmental cleanup liens against the Property that are filed or recorded under federal, tribal, state or local law. There has been no disclosure or discovery of AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law. The EDR Environmental Lien report also states that there are no environmental liens on the Property (Appendix A).

4.3 Specialized Knowledge

BGCSM, the user of this Phase I Environmental Site Assessment, stated that they do not have any specialized knowledge or experience related to the Property or nearby properties. Also, they have no specialized knowledge of the chemicals and processes that may be used by the Site and adjoining properties.

4.4 Actual Knowledge

BGCSM, the user of this Phase I Environmental Site Assessment, stated that they do not have any actual knowledge or experience related to the Property or nearby properties. Also, they have no actual knowledge of the chemicals and processes that may be used by the Site and adjoining properties.

4.5 Valuation or Reduction for Environmental Issues

BGCSM believe that the purchase price being paid for the Property reasonably reflects the fair market value. In addition, they do not believe that the purchase price is affected because contamination is known or believed to be present at the Property.

4.6 Commonly Known or Reasonably Ascertainable Information

BGCSM is not aware of commonly known or reasonably ascertainable information about the Property that would help identify conditions indicative of releases or threatened releases of hazardous chemical or petroleum products.

4.7 Obviousness

BGCSM has not observed any obvious information or concerns about the Property that would help identify conditions indicative of releases or threatened releases of hazardous chemical or petroleum products.

4.8 Reason for conducting Phase I Environmental Assessment

This Phase I Environmental Assessment has been performed for the benefit of BGCSM. The assessment documents "all appropriate inquiry into the previous ownership and uses of the Property with good commercial and customary practice" as defined in CERCLA, 42 USC 9601 (35) (B). By conducting "all appropriate inquiry" a party to a commercial real estate transaction can claim innocent purchaser landowner defense to CERCLA liability (42 USC 9601 (A) and (B) and 9607 (b) (3), assuming they comply with other elements of the defense.

4.9 Owner, Property Manager and Occupant Information

None provided.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

CKG has retained the services of Environmental Data Resources, Inc. (EDR) to search public agency records at the federal, state and local levels for cases which could impact the Property according to the following table which conforms to ASTM Designation: E 1527-13:

ASTM Records Review Criteria

SOURCE OF REGULATORY INFO	ACRONYM	SEARCH RADIUS
Federal Databases:		
National Priority List	NPL	1.25 mile
Comprehensive Environmental Response and Liability Information System	CERCLIS	0.75 mile
CERCLIS No further Remedial Action Planned	CERCLIS-NFRAP	0.5 mile
Federal Resource Conservation and Recovery Act (RCRA) Corrective Action Treatment, Storage, and Disposal (TSD) Facilities (CORRACTS)	CORRACTS	1.25 mile
Resource Conservation and Recovery Act Treatment, Storage, and Disposal Facilities (non-CORRACTS)	RCRA TSD	0.75 mile
Resource Conservation and Recovery Act Hazardous Waste Generators	RCRA Gen	0.5 mile
Emergency Response Notification System	ERNS	Property Only
SOURCE OF REGULATORY INFO	**ACRONYM**	**SEARCH RADIUS**
State Databases		
Annual Work Plan	AWP	1.25 mile
Bond Expenditure Plan	BEP	1.25 mile
Calsites	Calsites	1.25 mile
California Environmental Protection Agency Office of Emergency Information	CORTESE	0.75 mile
California Hazardous Material Incident Report System	CHMIRS	Property and Adjoining Properties
Proposition 65 notifications	Notify 65	1.25 mile
Toxic Pits	Toxic Pits	1.25 mile
Solid Waste Information System	SWIS	0.75 mile
Registered Underground Storage Tanks	UST	0.5 mile
Leaking Underground Storage Tanks	LUST	0.75 mile
Data extracted from hazardous waste Manifests generated each year in California	HAZNET	Property and Adjoining Properties

A copy of the EDR report is included in Appendix A. Refer to the EDR report for the dates of each list. The most current lists available have been searched by EDR and reviewed by CKG.

The ASTM Standard search radii are designed to help identify those sites, which are capable of impacting the subject site. A complete listing for all databases searched with negative results can be found in the EDR report.

EDR reports sites within the ASTM prescribed radii in Federal and State databases. These sites may not be potential off-site sources of environmental conditions for the Property based upon distance or direction of groundwater flow. Only those active listings impacting groundwater that occur less than 500 feet from the Property in the upgradient direction are normally considered potential off-site sources of environmental conditions for the Property (Source: Recommendations to Improve the Cleanup Process for California's Leaking Underground Fuel Tanks, *Lawrence Livermore National Laboratory (LLNL) October 16, 1995)*. All of the database listings occurring within the ASTM radii have been reviewed by CKG. Interested parties are encouraged to review the entire EDR report. For more information on the databases searched and the results, refer to the EDR Report included in Appendix A.

References to "down gradient" mean that a listing is located at a lower elevation on the inclined plane of the groundwater table. References to "cross gradient" mean that a listing is located horizontally along the inclined plane of the water table. In either geometry, a potential plume of groundwater contamination would not extend toward the subject site under normal circumstances.

NOTE: Due to limitations in Geocoding methodology, locations plotted by the EDR computer are field checked by CKG when sites with known environmental conditions can potentially impact a subject site (e.g. LUST and CSCS sites).

5.1.1 Database Listings for the Subject Site

The Property at APN 125-101-044 Sebastopol Road is not listed in any of the databases searched by EDR.

5.1.2 Database Listings for Neighboring Sites

The EDR report provided elevation information for each of the identified facilities as either being higher or lower than the Subject Site. Typically, groundwater flows from higher elevations to lower elevations following the regional topography. On this basis CKG expects groundwater to flow locally southwest with the relatively flat topography the Laguna de Santa Rosa

A number of facilities were identified in the EDR report and were confirmed utilizing the State of California Geotracker database as having releases to the subsurface in the near vicinity of the Subject Site. The following summarizes the facilities of interest:

a) Former Roseland Cleaners, 761 Sebastopol Road
The former Roseland Cleaners is the site of a substantial release of dry-cleaning solvents including tetrachloroethene (PCE) and other halogenated volatile organics including 1,1,1-trichloroethen and freon 12 to name a few to soil and groundwater. Subsurface investigations show elevated concentrations of these products in groundwater that extends underneath the Property. An excerpt of drawings from the Site Conceptual Model is included in Appendix B. The presence of these chemicals in groundwater may cause soil vapor intrusion to indoor air in buildings constructed at the site. Although some soil vapor sampling has been done on the Property and near it, CKG has concerns with the sampling methods used and therefore the results obtained. Based on the potential for soil vapor intrusion to indoor air from, CKG identifies this as a recognized environmental concern, (REC).

b) Baugh Wilson Enterprise former fuel release, 805 Sebastopol Road
This property was formerly a Phillips 66 fuel station with a documented fuel release to soil and groundwater. An excerpt from the latest groundwater monitoring report (third quarter 2012) is included in Appendix B. Most of the residual impacts are located to the south of the Property however they are still in close proximity. The presence of petroleum hydrocarbons in groundwater may cause soil vapor intrusion to indoor air in buildings constructed at the site. Based on the potential for soil vapor intrusion to indoor air from, CKG identifies this as an REC.

c) Former Beacon #489 921 Sebastopol Road.
This property was formerly a Beacon fuel station with a documented fuel release to soil and groundwater. It is still an operating fuel station called Roseland Gas Mart. An excerpt from the latest groundwater monitoring report (second quarter 2018) is included in Appendix B. Most of the residual impacts are located to the south of the Property however they are still in close proximity. The presence of petroleum hydrocarbons in groundwater may cause soil vapor intrusion to indoor air in buildings constructed at the site. Based on the potential for soil vapor intrusion to indoor air from, CKG identifies this as an REC.

d) Laidlaw Transportation former fuel release 959 Sebastopol Road.
A petroleum hydrocarbon release was discovered in 1988 when two underground fuel storage tanks were removed. Although there are no reports available in Geotracker the regulatory correspondence in 1995 states that petroleum hydrocarbon impacts were

remediated to the satisfaction of the Regional Water Quality Control Board and Sonoma County Environmental Health and that no further action would be necessary, (Appendix B). A closure letter does not guarantee that there is no residual contamination at the site. Although the groundwater flow is to the southwest the Laidlaw release is immediately adjacent to the Subject Site. The presence of petroleum hydrocarbons in groundwater may cause soil vapor intrusion to indoor air in buildings constructed at the site. Based on the potential for soil vapor intrusion to indoor air from, CKG identifies this as an REC.

e) Former Redwood Oil/Chevron Bulk Fuel Storage Plant 258 Roseland Avenue
This property was formerly a bulk fuel storage plant operated by Chevron but called Redwood Oil with a documented fuel release to soil and groundwater. An excerpt from the latest groundwater monitoring report (first Semiannual Report of 2019) is included in Appendix B. Most of the residual impacts are located to the northwest of the Property however they are still in close proximity. The presence of petroleum hydrocarbons in groundwater may cause soil vapor intrusion to indoor air in buildings constructed at the site. Based on the potential for soil vapor intrusion to indoor air from, CKG identifies this as an REC.

Excerpts from the State of California Geotracker database for the above reports is included in Appendix B.

5.1.3 Vapor Encroachment Screening

CKG completed a Vapor Encroachment Screen for the Subject Site. The screen was conducted in accordance with the ASTM E 2600-10 methodology. CKG found a number of Vapor Encroachment Conditions (VEC) affecting the subject Site. Most of those conditions confirm the concerns identified in Section 5.1.2. Based on these findings CKG recommended a soil vapor investigation to evaluate actual soil vapor conditions at the Property.

On November 5, 2019 CKG subcontracted Ninyo & Moore Geotechnical and Environmental Sciences Consultants, Inc., (Ninyo & Moore) to complete a soil vapor investigation at the Subject Site. The Ninyo & Moore report is included as Appendix C. The soil vapor investigation showed that constituents of concern including Tetrachloroethene (dry-cleaning solvent), benzene, (a gasoline additive), and chloroform (probably associated with the dry-cleaning solvent) occur in soil vapors above the residential screening levels beneath the Property. These soil vapors and their associated threat of intrusion to indoor air can be mitigated as discussed in 8.2.

5.2 Physical Setting Sources

5.2.1 Regional Physiographic Setting

The Property is located in the Coast Range Province of Northern California, which is characterized by mountains and valleys trending in a northwest direction and a complex drainage pattern.

5.2.2 Soil Conditions

The shallow soils underlying the surface of the subject site are identified as Yolo Loam and Yolo Clay Loam. These soils are derived from alluvial deposits filling the Santa Rosa Plain from adjacent mountains. These soils consist of interbedded and discontinuous sands, gravels and with good drainage and moderate infiltration rates.

5.3 Local Geology

The site lies within the Coast Range Geologic Province of California. This province is characterized by northwest trending mountain ranges and intervening valleys, which reflect the dominant northwest structural trend in bedrock of the region. The basement rock in the Mayacamas Mountains is variable and includes highly deformed sedimentary, metamorphic and volcanic rock of the Franciscan Complex of Upper Jurassic to Cretaceous Age, rhyolitic lava of the Sonoma Volcanics of Quaternary age and isolated fault bounded blocks of serpentinite.

Regionally, the Subject Site is on the Santa Rosa Plain which is underlain by rocks and soils associated with alluvial fan deposits consisting of fine sand, silty clay, and coarse sands and gravels.

5.4 Hydrogeology

Under normal circumstances, groundwater in sedimentary deposits essentially mirrors the elevation of the surface of the land and flows toward lower elevations conforming to the slope of the topography. The direction and inclination of the surface of the water table define the groundwater gradient, but localized influences such as active wells or variations in subsurface geology can cause perturbations in the direction. The topography in the vicinity of the subject Site is sloped to the southwest toward Laguna De Santa Rosa, then ultimately toward the Russian River. Based on a review of groundwater data provided on the State of California Geotracker database for nearby hazardous materials releases, CKG expects that groundwater is likely to occur at a depth of 5-15 below surface flowing to the west-southwest.

5.5 Historical Use Information on the Property

The Property history and land use has been recreated from a synthesis of historic Sanborn Maps, historical aerial photographs, historical topographic maps, interviews, public agency records, and other available resources (see Section 4.9).

Historical aerial photographs taken in 1942, 1952, 1957, 1968, 1973, 1982, 1985, 1993, 2006, 2009, 2012; and 2016, Google Earth photography from 1993 through 2018; and historical Topographic maps from 1916, 1942/44, 1954, 1968, 1973, 1980, 1998 and 2012 were viewed (APPENDIX D).

From prior to 1942 until before 1968 the Subject Site was part of a larger agricultural property. The main residence was off site adjacent to Sebastopol Road. The Property had a few agricultural structures on it including two small sheds and what appears to be a small chicken coop. By 1957 the chicken coop was gone and by 1968 the property was completely cleared and undeveloped. A gasoline station (presently a Beacon Station) was located immediately to the south of the Property. Most of the commercial structures to the east and west were constructed including what appears to be a bus maintenance yard at the location of the present Laidlaw Transportation yard. The buildings associated with National Ice were constructed between 1973 and 1982. The Subject Site remained undeveloped until sometime between 1985 and 1993 when it was paved and then used by the bus company to park buses until 2017. The Property has been fenced and unused since the buses moved out.

5.6 Historical Use Information on the Adjoining Properties

The surrounding area was mainly used for agricultural purposes with small plots along Sebastopol Road. From the late 1950s until the present the area was increasingly developed with a commercial corridor along Sebastopol Road and residential areas to the south.

6.0 PROPERTY RECONNAISSANCE

6.1 Methodology and Limiting Conditions

Christina J. Kennedy of CKG conducted the property inspection on September 5, 2019. Ms. Kennedy is a State of California Registered Geologist (RG 5077). The Site was visually surveyed by personally observing the property.

6.2 General Site Setting

The Site consists of one continuous parcel (APN 125-101-044). The Property is on the north side of Sebastopol Road between Roseland Avenue and West Avenue, in Santa Rosa, California.

6.3 Exterior Observations

Condition	Yes	No
Signs of Illegal dumping of hazardous materials (stained soil or paved surfaces, stressed vegetation, odors, etc.).		X
Unidentified containers which contain substances suspected of being hazardous substances or petroleum products.		X
Above or below ground storage tanks and piping, including vent or fill pipes.		X
Solid waste, wastewater wells, septic systems, or monitoring wells.		X
Spill control, containment devices, or retention basins		X
Lagoons, impoundments, sumps, pits, dry wells, or drinking water wells.		X

6.4 Interior Observations

Condition	Description
Heating/Cooling	No structures on site
Stains or Corrosion	No structures on site
Drains and Sumps	No structures on site
Interior Finishes	No structures on site

6.5 Property Construction and Utilities

Project Address	Utilities	Construction
APN 125-101-044	Water and sanitation provided by on site well and septic systems.	No structures on site.

Appendix E contains a photographic log of observations made at the Site.

6.6 Hazardous Materials Use, Generation, and Disposal

CKG understands from the records reviewed that hazardous materials, are not used, generated, or disposed of at the subject site.

6.7 Asbestos Observations

Friable asbestos containing material (ACM) is defined as crushable to a powder with finger pressure, and the Environmental Protection Agency (EPA) states that any friable material containing greater than 1% asbestos is considered a hazardous material. Removal, alteration, or disturbance of these materials must be performed by trained asbestos personnel.

The manufacture of friable ACM was banned in 1978. Because there are no structures on the site asbestos containing materials do not occur.

6.8 PCB Observations

Prior to 1975, PCB's were commonly used in di-electric fluids in transformers, capacitors, and fluorescent light ballasts due to their desirable thermal characteristics. In 1975, PCB's were demonstrated to be highly toxic and persistent in the environment. At that time the manufacture of PCB's was discontinued in the United States. No transformers were observed on the Property.

7.0 INTERVIEWS

CKG Environmental interviewed Mike Nonella the property owner on September 5, 2019. Mr. Nonella has been associated with the property for over thirty years as his parents owned before he acquired it approximately 11 years ago. To Mr. Nonella's knowledge there has not been any hazardous materials storage area or underground fuel storage tanks at the Property.

8.0 EVALUATION

CKG has performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Designation: E 1527-13 of one parcel (APN 125-101-044) at the north side of Sebastopol Road between Roland Avenue and West Avenue in Santa Rosa, California. Any exceptions to, or deletions from, this practice are described in Section 2.4.

8.1 Conclusions

A thorough Property survey, a complete review of regulatory agency records, a review of local historical resources, and interviews with people with knowledge of the Site revealed the potential for soil vapor intrusion to indoor air resulting from subsurface releases at nearby properties. The soil vapor investigation showed that constituents of concern including Tetrachloroethene (dry-cleaning solvent), benzene, (a gasoline additive), and chloroform (probably associated with the dry-cleaning solvent) occur in soil vapors above the residential screening levels beneath the Property. No other environmental conditions on the Site that would be the subject of an enforcement action if brought to the attention of appropriate governmental agencies were observed.

8.2 Recommendations

Based on the above conclusions, CKG does not recommend additional investigations at the Subject Site. The presence of constituents of concern in the soil vapor above the residential screening levels, however, means that a building constructed on the property that is intended for use as a Boy ands Girls Club must be constructed with a passive soil vapor mitigation system. Such a system can include a spray on impermeable layer as part of the foundation/flooring or ventilation piping underneath the building. More information is provided in the soil vapor investigation report provided in Appendix C.…

8.3 Data Gaps

CKG did not find any significant data gaps during this investigation that would affect our ability to identify recognized environmental conditions in connection with the Property.

8.4 Additional Services

When required by the user, CKG Environmental routinely performs a limited friable asbestos survey as an integral part of a Phase I Environmental Assessment. This service was not required for the Property.

9.0 DEVIATIONS

This Phase I Environmental Assessment has been conducted in conformance with ASTM Practice E 1527. The following deletions, deviations and additions apply.

Non-conforming Section	Rationale
Title Records (Section 4.1)	Title searches usually only provide a list of current and former owners of the Site and normally do not indicate its historical use. Therefore, a title search was not required by BGCSM as part of a Phase I Environmental Assessment performed on their behalf.

10.0 REFERENCES

Environmental Data Resources Inc. (EDR September 3, 2019)

Database Reports
Vapor Encroachment Survey
Environmental Lien Report
City Directory Abstract
Building Permit Report
Property Tax Report
Sanborn Maps
Aerial Photography
Historical Topographic Maps
Excerpts from regulatory files obtained from Geotracker.

Gregg Drilling Inc., 2007, Northern California Groundwater Elevations. http://www.greggdrilling.com/Resources/water_table_n.html

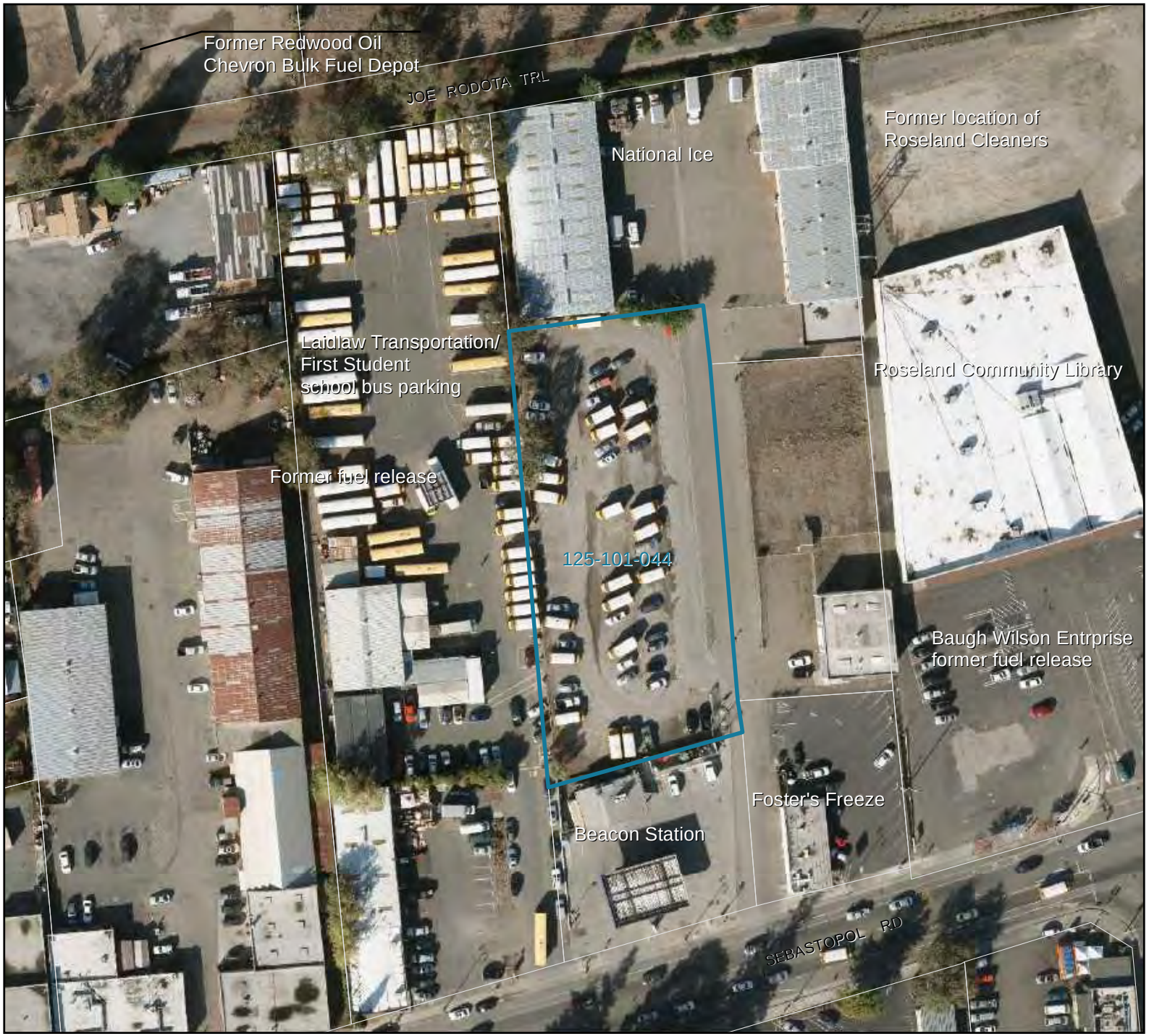
Lawrence Livermore National Laboratory (LLNL), 1995, Recommendations to Improve the Cleanup Process for California's Leaking Underground Fuel Tanks (LUFTs) October 16, 1995

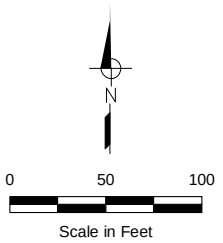
Ninyo & Moore, 2019, Soil Vapor Investigation Report, Assessor Parcel Number 125-101-044, Santa Rosa, California, November 22, 2019.

USGS Geologic Map of the Santa Rosa Quadrangle, Wagner D. L. and Bortugno E. J., 1982

PLATES

Last Saved: 9/4/2019 3:04:59 PM S:\Shared\Pete Dellavalle\CKGGIS\SebastopolRoad901\SebastopolRoadESA.mxd : pdellavalle





EXPLANATION

SiteBoundary

Parcel Boundary

CKG Environmental, Inc.

Plate 1

Site Location Map

APN 125-101-044
Santa Rosa, California
APN 125-101-044

APPENDIX A

Boys and Girls Club Sonoma-Marin
801 Sebastopol Road
Santa Rosa, CA 95407

Inquiry Number: 5775903.2s
September 03, 2019

The EDR Radius Map™ Report with GeoCheck®

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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	761
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-6
Physical Setting Source Map	A-11
Physical Setting Source Map Findings	A-13
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

801 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

COORDINATES

Latitude (North):	38.4304170 - 38° 25' 49.50''
Longitude (West):	122.7302360 - 122° 43' 48.84''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	523546.1
UTM Y (Meters):	4253400.0
Elevation:	141 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5602166 SANTA ROSA, CA
Version Date:	2012
West Map:	5602170 SEBASTOPOL, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140608
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
801 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	BEACON STATION # 489	921 SEBASTOPOL RD	HIST UST	Higher	99, 0.019, South
A2	BEACON STATION #489	921 SEBASTOPOL RD	CERS HAZ WASTE, SWEEPS UST, CA FID UST, CERS...	Higher	99, 0.019, South
A3	ROSELAND GAS MART	921 SEBASTOPOL RD	RCRA NonGen / NLR	Higher	99, 0.019, South
A4	ROSELAND GAS MART	921 SEBASTOPOL RD	UST	Higher	99, 0.019, South
A5	TESORO 67109	921 SEBASTOPOL RD	Cortese, HAZNET	Higher	99, 0.019, South
A6	BEACUV STATON 489	921 SEBASTOPOL	LUST, CPS-SLIC, HIST UST, Cortese, ENF, HIST...	Higher	99, 0.019, South
A7	BEACON OIL CO GAS ST	921 SEBASTOPOL RD	EDR Hist Auto	Higher	99, 0.019, South
A8	WEST COUNTY TRANSPOR	933 SEBASTOPOL RD	RCRA NonGen / NLR	Lower	114, 0.022, South
A9	WEST COUNTY TRANSPOR	933 SEBASTOPOL RD	CERS HAZ WASTE, CERS	Lower	114, 0.022, South
A10	COAST AUTO WRECKING	949 SEBASTOPOL RD	ENVIROSTOR	Lower	135, 0.026, SSW
A11	KUNZ COIN LAUNDRY	947 SEBASTOPOL RD	EDR Hist Cleaner	Lower	141, 0.027, SSW
A12	BAUGH, MS. WILSON	805 SEBASTOPOL RD.	SEMS, LUST, SWEEPS UST, CA FID UST, HIST CORTESE,...	Higher	160, 0.030, SE
A13	WILSON BAUGH ENTERPR	805 SEBASTOPAL	Notify 65	Higher	160, 0.030, SE
A14	TEXACO DOWNSTREAM #2	805 SEBASTOPOL RD	RCRA NonGen / NLR	Higher	160, 0.030, SE
A15	0 U R 66 SERVICE GAS	805 SEBASTOPOL RD	EDR Hist Auto	Higher	160, 0.030, SE
A16	LAIDLAW EDUCATION SE	959 SEBASTOPOL RD	UST	Lower	169, 0.032, SSW
A17	LAIDLAW TRANSIT, INC	959 SEBASTOPOL	CA FID UST, CUPA Listings	Lower	169, 0.032, SSW
A18	LAIDLAW TRANSIT INC	959 SEBASTOPOL RD	LUST, SWEEPS UST, HIST CORTESE, CERS	Lower	169, 0.032, SSW
A19	FIRST STUDENT, INC #	959 SEBASTOPOL RD	HIST UST, HAZNET	Lower	169, 0.032, SSW
A20	TRNSP.-SANTA ROSA	959 SEBASTOPOL RD	HIST UST, WDS	Lower	169, 0.032, SSW
A21	OPTICAL COATING LABO	977 SEBASTOPOL ROAD	CPS-SLIC, CERS	Lower	214, 0.041, SSW
A22	ROSELAND SCHOOL WELL	950 SEBASTOPOL ROAD	SEMS-ARCHIVE	Lower	229, 0.043, South
A23	BSC CLEANERS (FORMER	800 SEBASTOPOL ROAD	CPS-SLIC, ENF, CERS	Higher	236, 0.045, SE
A24	B S C CLNS	800 SEBASTOPOL RD	EDR Hist Cleaner	Higher	236, 0.045, SE
A25	OPTICAL CODING LABOR	970 SEBASTOPOL RD.	SEMS-ARCHIVE	Lower	238, 0.045, SSW
A26	BEACON #489 (ULTRAMA	SEBASTOPOL ROAD 921	LUST	Lower	246, 0.047, South
B27	GROSMAN T C CO FL CO	989 SEBASTOPOL RD	EDR Hist Cleaner	Lower	247, 0.047, SSW
B28	BEVAN INVESTMENTS	995 SEBASTOPOL ROAD	LUST, HIST CORTESE, CERS	Lower	256, 0.048, WSW
B29	BEVAN PEARSON MOVING	995 SEBASTOPOL	SWEEPS UST, CA FID UST, Cortese, ENF	Lower	256, 0.048, WSW
B30	BEVAN-PEARSON MOVING	995 SEBASTOPOL ROAD	HIST UST	Lower	256, 0.048, WSW
C31	DOLLAR TREE #02162	777 SEBASTOPOL RD	RCRA NonGen / NLR	Higher	267, 0.051, SE
C32	DOLLAR TREE #02162	777 SEBASTOPOL RD	CERS HAZ WASTE, CUPA Listings, HAZNET, CERS	Higher	267, 0.051, SE
A33	LAIDLAW TRANSPORTATI	SEBASTOPOL ROAD 959	LUST	Lower	282, 0.053, SSW
C34	SEBASTOPOL RD @ WEST	SEBASTOPOL ROAD	CPS-SLIC, NON-CASE INFO	Higher	299, 0.057, ESE
D35	ART'S TOWING	512 ROSELAND AVE	CUPA Listings	Lower	300, 0.057, WNW
D36	STEPHEN YOUNG DBA AR	512 ROSELAND AVE	RCRA NonGen / NLR	Lower	300, 0.057, WNW
C37	FORMER ROSELAND CLEA	761 SEBASTOPOL RD	RCRA-LQG	Higher	333, 0.063, ESE
C38	ROSELAND CLEANERS	761 SEBASTOPOL ROAD	CPS-SLIC, CERS	Higher	333, 0.063, ESE
C39	PAYLESS CLEANERS	761 SEBASTOPOL RD	EDR Hist Cleaner	Higher	333, 0.063, ESE

MAPPED SITES SUMMARY

Target Property Address:
801 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
C40	MONTYS LAUNDERETTE	759 SEBASTOPOL RD	EDR Hist Cleaner	Higher	335, 0.063, ESE
B41	ROSELAND LAUNDROMAT	1015 SEBASTOPOL RD	EDR Hist Cleaner	Lower	383, 0.073, SW
C42	DE LEON SVC STN AND	760 SEBASTOPOL RD	RCRA-SQG, FINDS, ECHO	Higher	410, 0.078, ESE
C43	LUHRS RICHFIELD SERV	760 SEBASTOPOL RD	EDR Hist Auto	Higher	410, 0.078, ESE
C44	SEBASTOPAL B.P.	760 SEBASTOPAL	Notify 65	Higher	410, 0.078, ESE
C45	BP / REDWOOD OIL #11	760 SEBASTOPOL ROAD	LUST, CPS-SLIC, Cortese, EMI, HIST CORTESE, CERS	Higher	410, 0.078, ESE
C46	THRIFTY SQUIRREL	760 SEBASTOPOL RD	SWEEPS UST, HIST UST	Higher	410, 0.078, ESE
C47	BP/REDWOOD OIL 110	760 SEBASTOPOL ROAD	Cortese, HAZNET	Higher	410, 0.078, ESE
C48	ROSELAND MOBIL	760 SEBASTOPOL	SWEEPS UST, CA FID UST, ENF	Higher	410, 0.078, ESE
C49	BP / REDWOOD OIL #11	760 SEBASTOPOL RD	UST	Higher	410, 0.078, ESE
C50	ROSELAND VILLAGE SHO	665 SEBASTOPOL RD	LUST, NPDES	Higher	434, 0.082, ESE
C51	NOR CAL GLASS COMPAN	SEBASTOPOL ROAD 673	LUST	Higher	438, 0.083, ESE
B52	KINGS TIRES	1075 SEBASTOPOL RD	CUPA Listings	Lower	450, 0.085, SW
B53	KING'S TIRES	1075 SEBASTOPOL RD	CERS HAZ WASTE, CERS	Lower	450, 0.085, SW
B54	KING'S TIRES #3	1075 SEBASTOPOL RD	RCRA NonGen / NLR	Lower	450, 0.085, SW
55	IMWALLE GARDENS	685 W 003RD ST	SWEEPS UST, CA FID UST	Lower	481, 0.091, SE
C56	HOLLAND CLEANERS	700 SEBASTOPOL ROAD	CPS-SLIC, CERS	Higher	512, 0.097, ESE
C57	HOLLAND CLEANERS	700 SEBASTOPOL RD	EDR Hist Cleaner	Higher	512, 0.097, ESE
B58	GARDENER'S AID	1050 SEBASTOPOL ROAD	CPS-SLIC	Lower	512, 0.097, SW
B59	GARDENERS AID	1050 SEBASTOPOL RD	RCRA NonGen / NLR	Lower	512, 0.097, SW
E60	MOISES AUTO REPAIR	588 ROSELAND AVE	CERS HAZ WASTE	Lower	531, 0.101, WSW
E61	GEORGES CAB CO	588 ROSELAND AVE	RCRA-SQG, FINDS, ECHO, CUPA Listings, HAZNET	Lower	531, 0.101, WSW
F62	MINI MART DRY CLEANI	651 SEBASTOPOL RD	EDR Hist Cleaner	Higher	535, 0.101, East
F63	CLEANING MART	651 SEBASTOPOL ROAD	CPS-SLIC, CERS	Higher	535, 0.101, East
G64	COTTAGE BAR	1099 SEBASTOPOL ROAD	CPS-SLIC, CERS	Lower	552, 0.105, SW
G65	SMITTYS SHELL SERV G	1099 SEBASTOPOL RD	EDR Hist Auto	Lower	552, 0.105, SW
H66	YRC INC DBA YRC FREI	270 DUTTON AVE	RCRA NonGen / NLR	Higher	573, 0.109, NE
H67	YELLOW & ROADWAY FRE	270 DUTTON	SWEEPS UST, HIST UST, CA FID UST, CHMIRS, CUPA...	Higher	573, 0.109, NE
H68	YELLOW ROADWAY FREIG	270 DUTTON AVENUE	Notify 65	Higher	573, 0.109, NE
H69	YELLOW & ROADWAY FRE	270 DUTTON AVE	LUST, HIST CORTESE, CERS	Higher	573, 0.109, NE
H70	DELTA LINES, INC.	270 DUTTON AVE	SWEEPS UST, HIST UST	Higher	573, 0.109, NE
H71	YRC, INC.	270 DUTTON AVENUE	CERS HAZ WASTE, CERS	Higher	573, 0.109, NE
H72	YELLOW FREIGHT SYSTE	270 DUTTON AVE	HIST UST	Higher	573, 0.109, NE
I73	AYERS PLANT	258 ROSELAND AVE	HIST UST	Lower	587, 0.111, WNW
I74	REDWOOD OIL/ CHEVRON	258 ROSELAND AVENUE	CPS-SLIC	Lower	587, 0.111, WNW
I75	CHEVRON BULK PLANT	258 ROSELAND AVE	SWEEPS UST, CA FID UST, Cortese, HAZNET	Lower	587, 0.111, WNW
I76	AYERS PLANT	258 ROSELAND AVENUE	CPS-SLIC, HIST UST, ENF, HIST CORTESE, CIWQS, CERS	Lower	587, 0.111, WNW
I77	CHEVRON 206308	258 ROSELAND AVE	RCRA-LQG	Lower	587, 0.111, WNW
E78	SANTA ROSA DPW SEWER	ROSELAND AVENUE	CPS-SLIC, CERS	Lower	602, 0.114, West

MAPPED SITES SUMMARY

Target Property Address:
801 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G79	QUIK STOP 35	816 MCMINN ST	SWEEPS UST, HIST UST	Lower	628, 0.119, SW
G80	QUIK STOP MARKET #35	816 MCMINN AVENUE	UST	Lower	628, 0.119, SW
G81	QUIK STOP MARKET #35	816 MCMINN AVE	CA FID UST	Lower	628, 0.119, SW
G82	QUIK STOP #35	816 MCMINN AVE	HIST UST, EMI	Lower	628, 0.119, SW
G83	QUIK STOP MARKETS IN	816 MC MINN AVENUE	RCRA NonGen / NLR	Lower	628, 0.119, SW
G84	QUIK STOP MARKET NO.	816 MCMINN AVENUE	LUST, ENF, HIST CORTESE, CIWQS	Lower	628, 0.119, SW
G85	QUIK STOP MARKET #35	816 MCMINN AVE	LUST, CERS HAZ WASTE, SWEEPS UST, CERS TANKS,...	Lower	628, 0.119, SW
G86	MCMINN AVENUE AREA	SEBASTOPOL ROAD / RO	CPS-SLIC, CERS	Lower	656, 0.124, SW
G87	MCMINN AVENUE SUPERF	1100 SEBASTOPOL ROAD	Notify 65	Lower	708, 0.134, SW
I88	JAMES MURRILL	439 ROSLAND AVE	SWEEPS UST, CA FID UST	Lower	709, 0.134, WNW
I89	MURRILL, JAMES	439 ROSELAND	LUST, HIST CORTESE, CERS	Lower	709, 0.134, WNW
I90	JAMES MURRILL	439 ROSELAND AVE	HIST UST	Lower	709, 0.134, WNW
G91	TRIPLE S TIRES	1124 SEBASTOPOL ROAD	LUST, CERS HAZ WASTE, Cortese, CUPA Listings, ENF,...	Lower	752, 0.142, SW
I92	VALDIVIA TRUCKING	437 ROSELAND AVE	RCRA NonGen / NLR	Lower	768, 0.145, NW
J93	NOR CAL GLASS COMPAN	673 SEBASTOPOL	LUST, HIST CORTESE, CERS	Higher	781, 0.148, ENE
J94	NORCAL GLASS CO.	673 SEBASTOPOL RD.	SEMS-ARCHIVE	Higher	781, 0.148, ENE
J95	ACI AMERICA GLASS	673 SEBASTOPOL RD	LUST	Higher	781, 0.148, ENE
K96	REUBEN'S TACOS	565 SEBASTOPOL ROAD	CPS-SLIC, Cortese, EMI, CERS	Higher	800, 0.152, East
K97	RUBEN'S TACOS (FORME	565 SEBASTOPOL ROAD	LUST, ENF, HIST CORTESE	Higher	800, 0.152, East
J98	258 DUTTON	258 DUTTON	Notify 65	Higher	823, 0.156, NE
K99	NORTHERN CALIFORNIA	617 SEBASTOPOL RD	HIST UST	Higher	836, 0.158, East
K100	NORTHERN CALIFORNIA	617 SEBASTOPOL RD	SWEEPS UST, HIST UST, CA FID UST	Higher	836, 0.158, East
K101	TRANSPAN CORPORATION	617 SEBASTOPOL RD	RCRA-SQG, FINDS, ECHO	Higher	836, 0.158, East
L102	TAYLOR BUS SERVICE	1175 SEBASTOPOL RD	HIST UST	Lower	872, 0.165, WSW
L103	TAYLOR BUS FMR USE S	1175 SEBASTOPOL RD	HIST UST, HAZNET	Lower	872, 0.165, WSW
L104	TAYLOR BUS SERVICE	1175 SEBASTOPOL RD	SWEEPS UST, CA FID UST	Lower	872, 0.165, WSW
L105	TAYLOR BUS COMPANY	1175 SEBASTOPOL ROAD	ENVIROSTOR, LUST, Cortese, HIST CORTESE, CERS	Lower	872, 0.165, WSW
K106	ENZO & WALTER CASAZZ	580 SEBASTOPOL RD	HIST UST	Higher	886, 0.168, East
K107	PRECISION TUNE	580 SEBASTOPOL RD	RCRA-SQG, FINDS, ECHO	Higher	886, 0.168, East
K108	ENZO & WALTER CASAZZ	580 SEBASTOPOL RD	SWEEPS UST, HIST UST, CA FID UST, CUPA Listings	Higher	886, 0.168, East
K109	ASTORGA'S AUTO REPAI	580 SEBASTOPOL RD	CERS HAZ WASTE, CERS	Higher	886, 0.168, East
L110	ROSELAND PAINT CENTE	1160 SEBASTOPOL ROAD	LUST, HIST UST, CERS	Lower	899, 0.170, SW
L111	ROSELAND PAINT CENTE	1160 SEBASTOPOL ROAD	CPS-SLIC, SWEEPS UST, HIST UST, CA FID UST	Lower	899, 0.170, SW
M112	IMWALLE GARDENS	685 W 3RD ST	HIST UST	Higher	912, 0.173, NNW
M113	IMWALLE GARDENS	685 WEST 3RD ST	HIST UST	Higher	912, 0.173, NNW
114	MCMINN AVENUE	841 MCMINN AVENUE	ENVIROSTOR	Lower	1018, 0.193, SW
K115	LANGES CLEANERS	555 SEBASTOPOL ROAD	CPS-SLIC, CERS	Higher	1059, 0.201, East
L116	SONOMA COUNTY COMMUN	SEBASTOPOL ROAD	CPS-SLIC	Lower	1140, 0.216, WSW
L117	SONOMA COUNTY COMMUN	SEBASTOPOL ROAD	CPS-SLIC, CERS	Lower	1140, 0.216, WSW

MAPPED SITES SUMMARY

Target Property Address:
801 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
N118	SALONCENTRIC INC 592	400 W 3RD ST STE B	RCRA NonGen / NLR	Higher	1166, 0.221, NNE
O119	SS SKIKOS INC	1289 SEBASTOPOL RD	RCRA NonGen / NLR	Lower	1178, 0.223, WSW
O120	SLAKEY BROTHERS	1289 SEBASTOPOL RD	LUST	Lower	1178, 0.223, WSW
O121	SLAKEY BROTHERS	1289 SEBASTOPOL RD	UST	Lower	1178, 0.223, WSW
O122	S. S. SKIKOS TRUCKIN	1289 SEBASTOPOL RD	LUST, AST, CERS TANKS, CUPA Listings, HIST...	Lower	1178, 0.223, WSW
O123	SLAKEY BROTHERS, INC	1289 SEBASTOPOL RD	SWEEPS UST, HIST UST, CA FID UST	Lower	1178, 0.223, WSW
O124	SS SKIKOS INC	1289 SEBASTOPOL RD	HIST UST, HAZNET	Lower	1178, 0.223, WSW
P125	MY CLEANERS / ECONOM	426 SEBASTOPOL ROAD	CPS-SLIC, CERS	Higher	1189, 0.225, East
O126	PACIFIC BELL	1290 SEBASTOPOL ROAD	RCRA NonGen / NLR, FINDS, ECHO	Lower	1191, 0.226, SW
Q127	ROADRUNNER MOBILE TR	256 DUTTON AVE	RCRA NonGen / NLR	Higher	1251, 0.237, ENE
Q128	ROADRUNNER MOBILE TR	256 DUTTON AVE	CERS HAZ WASTE, CUPA Listings, HAZNET, CERS	Higher	1251, 0.237, ENE
Q129	HARRIMEN'S/DIAMOND L	275 DUTTON AVENUE	ENF, HIST CORTESE	Higher	1274, 0.241, ENE
Q130	SHELL SERVICE STATIO	255 DUTTON AVENUE	Cortese, HAZNET	Higher	1364, 0.258, ENE
Q131	SHELL SERVICE STATIO	255 DUTTON AVENUE	LUST, CPS-SLIC, Cortese, EMI, ENF, HIST CORTESE,...	Higher	1364, 0.258, ENE
N132	WESTSIDE PLAZA DRY C	320 W 3RD ST, SUITE	CPS-SLIC, CERS	Higher	1384, 0.262, NE
P133	HARRIMAN, TOM & JEFF	375 SEBASTOPOL	LUST, HIST CORTESE, CERS	Higher	1410, 0.267, East
P134	SEBASTOPOL UNION 76/	370 SEBASTOPOL ROAD	LUST, SWRCY, CERS HAZ WASTE, CERS TANKS, CUPA...	Higher	1451, 0.275, East
P135	WESTSIDE UNOCAL	370 SEBASTOPOL RD	LUST	Higher	1451, 0.275, East
R136	C & L MOTORS	1380 SEBASTOPOL ROAD	LUST, CERS	Lower	1486, 0.281, WSW
S137	SHELL DZ PRODUCTS FA	257 DUTTON AVENUE	Cortese, NPDES, CIWQS	Higher	1547, 0.293, ENE
S138	DZ INC, SHELL BULK P	257 DUTTON AVENUE	EMI, Notify 65	Higher	1547, 0.293, ENE
S139	SHELL OIL WHOLSALE P	257 DUTTON	ENVIROSTOR, CPS-SLIC, ENF, HIST CORTESE, Notify...	Higher	1547, 0.293, ENE
T140	EXCHANGE BANK & DATA	330 SEBASTOPOL RD	LUST	Higher	1566, 0.297, East
T141	EXCHANGE BANK	330 SEBASTOPOL	LUST, HIST CORTESE, CERS	Higher	1566, 0.297, East
T142	EXCHANGE BANK DATA C	330 SEBASTOPAL	Notify 65	Higher	1566, 0.297, East
T143	ELSIE JACKSON TRUST	250 SEBASTOPOL ROAD	US BROWNFIELDS	Higher	1721, 0.326, East
R144	WITHERS CAR WASH	1450 SEBASTOPOL	LUST, HIST CORTESE, CERS	Lower	1734, 0.328, WSW
S145	MCGOWEN AUTO WRECKIN	112 HOLBROOK	CPS-SLIC, CERS	Higher	1750, 0.331, ENE
U146	217 SEBASTOPOL ROAD	217 SEBASTOPOL ROAD	US BROWNFIELDS	Higher	1773, 0.336, East
U147	ACME AUTO DISMANTLER	305 SEBASTOPOL ROAD	US BROWNFIELDS	Higher	1795, 0.340, ENE
V148	CHEVRON #9-4377	3RD STREET, WEST 214	LUST	Higher	1818, 0.344, NE
U149	DUTTON RADIATOR (WES	207 SEBASTOPOL ROAD	US BROWNFIELDS	Higher	1822, 0.345, East
150	INDUSTRIAL MACHINE &	928 DUTTON AVENUE, N	CPS-SLIC, CERS	Lower	1822, 0.345, SE
151	MC GOWEN AUTO WRECKE	116 HOLBROOK STREET	ENVIROSTOR	Higher	1857, 0.352, ENE
U152	DUTTON RADIATOR PROP	181 SEBASTOPOL ROAD	US BROWNFIELDS, FINDS	Higher	1886, 0.357, East
W153	MCMINN AVENUE	ROSELAND AREA	CA BOND EXP. PLAN	Lower	1917, 0.363, WSW
W154	WESCOTTS AUTO & TRUC	1569 SEBASTOPOL RD	ENVIROSTOR, CPS-SLIC, CUPA Listings, NPDES, WDS,...	Lower	1980, 0.375, WSW
W155	WESCOTT'S BOB AUTO &	1569 SEBASTOPOL ROAD	CPS-SLIC	Lower	1980, 0.375, WSW
V156	CITY OF SANTA ROSA P	130 WEST THIRD STREE	ENVIROSTOR	Higher	1981, 0.375, NE

MAPPED SITES SUMMARY

Target Property Address:
801 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
U157	ACME AUTO DISMANTLER	321 ROBERTS AVENUE	US BROWNFIELDS	Higher	1982, 0.375, ENE
U158	KING TIRE AUTO REPAI	345 ROBERTS AVENUE	US BROWNFIELDS	Higher	1985, 0.376, East
X159	ACME AUTO DISMANTLER	315 ROBERTS AVENUE	US BROWNFIELDS	Higher	1999, 0.379, ENE
Y160	BARNETT PROPERTY	1025 DUTTON	LUST, HIST CORTESE, CERS	Lower	1999, 0.379, SE
X161	SHAMROCK MATERIALS (	275 ROBERTS AVENUE	US BROWNFIELDS	Higher	2046, 0.387, ENE
X162	SHAMROCK MATERIALS I	285 ROBERTS AVE	RCRA-SQG, LUST, AST, US BROWNFIELDS, FINDS, ECHO,...	Higher	2047, 0.388, ENE
Y163	JACK SMITH GLASS & S	1050 DUTTON	LUST, HIST CORTESE, CERS	Lower	2056, 0.389, SE
X164	SONOMA COUNTY GOVERN	SEBASTOPOL ROAD / RO	CPS-SLIC, CERS	Higher	2059, 0.390, East
X165	SONOMA COUNTY GOVERN	SEBASTOPOL ROAD / RO	CPS-SLIC	Higher	2059, 0.390, East
Y166	KINGWOOD SUBDIVISION	1055 DUTTON AVENUE,	CPS-SLIC, CERS	Lower	2066, 0.391, SE
Z167	FRONTIER ELECTRIC	1599 HAMPTON WAY	LUST, SWEEPS UST, HIST UST, HIST CORTESE, CERS	Lower	2076, 0.393, West
X168	350 ROBERTS STREET P	350 ROBERTS STREET	US BROWNFIELDS	Higher	2112, 0.400, ENE
AA169	CHANG, KEVIN	HAMPTON WAY 1580	LUST	Lower	2152, 0.408, WSW
AA170	FRONTIER ELECTRIC	HAMPTON WAY 1599	LUST	Lower	2159, 0.409, WSW
AB171	THE BARRICADE COMPAN	265 ROBERTS AVE	SEMS, RCRA-SQG, FINDS, ECHO	Higher	2165, 0.410, ENE
AB172	C & D BATTERIES	265 ROBERTS AVENUE	ENVIROSTOR, CPS-SLIC	Higher	2165, 0.410, ENE
AB173	C&D BATTERIES	265 ROBERTS AVENUE	CPS-SLIC	Higher	2165, 0.410, ENE
174	REDWOOD OIL, FORMER	THIRD STREET, WEST 1	LUST	Higher	2177, 0.412, NE
AC175	SCWA - HEWETT AND NO	HEWETT STREET/NORTH	CPS-SLIC, CERS	Higher	2195, 0.416, NNE
X176	SHAMROCK MATERIALS (	280 ROBERTS AVENUE	US BROWNFIELDS	Higher	2228, 0.422, ENE
AD177	CHANG, KEVIN	1580 HAMPTON	LUST, SWEEPS UST, CA FID UST, HIST CORTESE, CERS	Lower	2243, 0.425, WSW
Z178	WOOD, TALMADGE	1594 HAMPTON	LUST, CUPA Listings, EMI, HIST CORTESE, CERS	Lower	2258, 0.428, West
AC179	SCWA - 330 HEWETT	330 HEWETT STREET	CPS-SLIC	Higher	2294, 0.434, NNE
AE180	111 SEBASTOPOL RD. P	111 SEBASTOPOL RD.	US BROWNFIELDS	Higher	2400, 0.455, East
AD181	ALMETCO	1733 SEBASTOPOL RD	ENVIROSTOR, LUST, CPS-SLIC, EMI, HIST CORTESE,...	Lower	2462, 0.466, WSW
AD182	ALMETCO	1733 SEBASTOPOL ROAD	SEMS-ARCHIVE, LUST	Lower	2462, 0.466, WSW
AD183	PHOENIX WINDOWS	1733 SEBASTOPOL	CA FID UST, Cortese, CUPA Listings, ENF	Lower	2462, 0.466, WSW
184	WEST AVENUE MERCURY	1363 WEST AVENUE	SEMS	Lower	2508, 0.475, SSE
AE185	ALLEFAX	1 SEBASTOPOL AVENUE	LUST, ENF, HIST CORTESE, Notify 65, CERS	Higher	2530, 0.479, East
186	ATRIUM COURT	1260 DUTTON AVENUE,	CPS-SLIC, CERS	Lower	2555, 0.484, SE
AF187	SRDPW THIRD STREET	THIRD STREET	LUST, CERS	Higher	2575, 0.488, NE
AF188	SRDPW, THIRD STREET	THIRD STREET	LUST, Cortese, ENF	Higher	2575, 0.488, NE
AF189	SQUARE DEAL AUTO WRE	214 ROBERT AVENUE	ENVIROSTOR	Higher	2591, 0.491, NE
AE190	POINT ST. GEORGE FIS	8 SEBASTOPOL	ENVIROSTOR, LUST, CPS-SLIC, VCP, SWEEPS UST, HIST...	Higher	2599, 0.492, East
191	SANTA ROSA CIRCUITS	35 AND 48 WEST BARHA	ENVIROSTOR	Higher	2630, 0.498, SE
192	ACME AUTO WRECKERS,	1885 SEBASTOPOL ROAD	ENVIROSTOR, CPS-SLIC, ENF, HIST CORTESE, NPDES,...	Lower	2820, 0.534, WSW
193	NEW ROSELAND AREA EL	1683 BURBANK AVENUE	ENVIROSTOR, SCH	Lower	3018, 0.572, SSW
AG194	ANDY BONDI	1834 ROSE AVENUE	Notify 65	Lower	3046, 0.577, SW
AG195	ANDY BONDI	1834 ROSE AVENUE	Notify 65	Lower	3046, 0.577, SW

MAPPED SITES SUMMARY

Target Property Address:
801 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
196	SANTA ROSA PLATING W	80 BARHAM AVE	ENVIROSTOR	Higher	3260, 0.617, ESE
197	ROSELAND UNIVERSITY	1777 WEST AVENUE	ENVIROSTOR, SCH	Lower	3660, 0.693, South
198	WESTERN AUTO WRECKER	112 3RD	ENVIROSTOR	Higher	3704, 0.702, NE
AH199	GRACE PROPERTY	802/806 DONAHUE STRE	LUST, HIST CORTESE, Notify 65, CERS	Higher	3803, 0.720, NNE
AH200	GRACE PROPERTY	802 DONAHUE	ENVIROSTOR	Higher	3803, 0.720, NNE
AI201	RESIDENCE	1267 CORBY AVE	Notify 65	Higher	3852, 0.730, ESE
AI202	RESIDENCE	1267 CORBY AVE	Notify 65	Higher	3852, 0.730, ESE
AI203	RESIDENCE	1267 CORBY AVE	Notify 65	Higher	3852, 0.730, ESE
204	CORREIRA'S AUTOMOTIV	940 NORTH DUTTON AVE	Notify 65	Higher	4160, 0.788, North
205	SONOMA COUNTY INDIAN	1440 STONY POINT ROA	ENVIROSTOR	Lower	4311, 0.816, SW
206	CANTARUTTI FRAME ALI	50 MAXWELL	LUST, HIST CORTESE, Notify 65, CERS	Higher	4488, 0.850, North
207	HIRSCH, PHIL	230 SOUTH A STREET	LUST, Cortese, HIST CORTESE, Notify 65, CERS	Higher	4490, 0.850, ENE
208	GRINDALAND ESTATE	400 A STREET, SOUTH	LUST, Notify 65, CERS	Higher	4671, 0.885, NE
209	KAISER SAND AND GRAV	1060 MAXWELL	LUST, CPS-SLIC, HIST CORTESE, NPDES, Notify 65,...	Higher	4999, 0.947, North
AJ210	TORVICK INC	1015 SANTA ROSA AVE	RCRA-SQG, LUST, FINDS, ECHO, HAZNET, HIST CORTESE,...	Higher	5026, 0.952, East
AJ211	SONNEN MOTORCARS	965 SANTA ROSA AVE	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Higher	5109, 0.968, East
212	SONOMA CO. INDIAN HE	144 STONY POINT RD	ENVIROSTOR	Lower	5116, 0.969, NW
213	FOUCHE AUTO WRECKERS	2290 DUTTON AVENUE	ENVIROSTOR, CPS-SLIC, CERS	Lower	5168, 0.979, SSE
AK214	PG&E - SANTA ROSA GA	FIRST STREET, EAST O	RESPONSE, ENVIROSTOR	Higher	5180, 0.981, ENE
215	SANTA ROSA CHRYSLER	955 SANTA ROSA AVE	RCRA-SQG, LUST, FINDS, ECHO, EMI, HAZNET, HIST...	Higher	5199, 0.985, East
216	FARAUDOS AUTO DISMAN	1061 N DUTTON	ENVIROSTOR	Higher	5215, 0.988, North
AK217	PG AND E GAS PLANT S	S SIDE 1ST NEAR B ST	EDR MGP	Higher	5246, 0.994, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

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

SWF/LF ---------- Solid Waste Information System

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
CDL ---------- Clandestine Drug Labs
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
US CDL ---------- National Clandestine Laboratory Register
PFAS ---------- PFAS Contamination Site Location Listing

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS ---------- Formerly Used Defense Sites

EXECUTIVE SUMMARY

DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)

EXECUTIVE SUMMARY

PROJECT PROJECT (GEOTRACKER)
WDR Waste Discharge Requirements Listing
CIWQS California Integrated Water Quality System
CERS CERS
NON-CASE INFO NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ Well Stimulation Project (GEOTRACKER)

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 04/11/2019 has revealed that there are 3 SEMS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAUGH, MS. WILSON Site ID: 0904556 EPA Id: CAD983646050	***805 SEBASTOPOL RD.***	***SE 0 - 1/8 (0.030 mi.)***	***A12***	***50***
THE BARRICADE COMPAN	***265 ROBERTS AVE***	***ENE 1/4 - 1/2 (0.410 mi.)***	***AB171***	***574***

Site ID: 0901331
EPA Id: CAD041651027

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST AVENUE MERCURY Site ID: 0908799 EPA Id: CAN000908799	1363 WEST AVENUE	SSE 1/4 - 1/2 (0.475 mi.)	184	606

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/11/2019 has revealed that there are 4 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORCAL GLASS CO.	673 SEBASTOPOL RD.	ENE 1/8 - 1/4 (0.148 mi.)	J94	305

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSELAND SCHOOL WELL Site ID: 0904756 EPA Id: CAD983649625	950 SEBASTOPOL ROAD	S 0 - 1/8 (0.043 mi.)	A22	71
OPTICAL CODING LABOR Site ID: 0904748 EPA Id: CAD983654385	970 SEBASTOPOL RD.	SSW 0 - 1/8 (0.045 mi.)	A25	75
ALMETCO	***1733 SEBASTOPOL ROAD***	***WSW 1/4 - 1/2 (0.466 mi.)***	***AD182***	***602***

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 03/25/2019 has revealed that there are 2

RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER ROSELAND CLEA EPA ID:: CAR000173815	761 SEBASTOPOL RD	ESE 0 - 1/8 (0.063 mi.)	C37	113

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON 206308 EPA ID:: CAR000199034	258 ROSELAND AVE	WNW 0 - 1/8 (0.111 mi.)	I77	216

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 03/25/2019 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DE LEON SVC STN AND EPA ID:: CAD983655861	***760 SEBASTOPOL RD***	***ESE 0 - 1/8 (0.078 mi.)***	***C42***	***116***
TRANSPAN CORPORATION EPA ID:: CAD982319451	***617 SEBASTOPOL RD***	***E 1/8 - 1/4 (0.158 mi.)***	***K101***	***340***
PRECISION TUNE EPA ID:: CAD982485252	***580 SEBASTOPOL RD***	***E 1/8 - 1/4 (0.168 mi.)***	***K107***	***361***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GEORGES CAB CO EPA ID:: CAR000079947	***588 ROSELAND AVE***	***WSW 0 - 1/8 (0.101 mi.)***	***E61***	***178***

State- and tribal - equivalent NPL

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG&E - SANTA ROSA GA Database: RESPONSE, Date of Government Version: 04/29/2019 Status: Refer: RWQCB Facility Id: 49490002	***FIRST STREET, EAST O***	***ENE 1/2 - 1 (0.981 mi.)***	***AK214***	***738***

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 identifes 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 04/29/2019 has revealed that there are 23 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL OIL WHOLSALE P Facility Id: 49510002 Status: Refer: RWQCB	***257 DUTTON***	***ENE 1/4 - 1/2 (0.293 mi.)***	***S139***	***480***
MC GOWEN AUTO WRECKE Facility Id: 49500015 Status: Refer: RWQCB	116 HOLBROOK STREET	ENE 1/4 - 1/2 (0.352 mi.)	151	524
CITY OF SANTA ROSA P Facility Id: 49160001 Status: Refer: Other Agency	130 WEST THIRD STREE	NE 1/4 - 1/2 (0.375 mi.)	V156	537
C & D BATTERIES Facility Id: 49360004 Status: Refer: RWQCB	***265 ROBERTS AVENUE***	***ENE 1/4 - 1/2 (0.410 mi.)***	***AB172***	***577***
SQUARE DEAL AUTO WRE Facility Id: 49500005 Status: Refer: RWQCB	214 ROBERT AVENUE	NE 1/4 - 1/2 (0.491 mi.)	AF189	625
POINT ST. GEORGE FIS Facility Id: 49200002 Status: Refer: RWQCB	***8 SEBASTOPOL***	***E 1/4 - 1/2 (0.492 mi.)***	***AE190***	***626***
SANTA ROSA CIRCUITS Facility Id: 49360001 Status: Refer: RWQCB	35 AND 48 WEST BARHA	SE 1/4 - 1/2 (0.498 mi.)	191	644
SANTA ROSA PLATING W Facility Id: 49340003 Status: No Further Action	80 BARHAM AVE	ESE 1/2 - 1 (0.617 mi.)	196	672
WESTERN AUTO WRECKER Facility Id: 49500028 Status: Refer: RWQCB	112 3RD	NE 1/2 - 1 (0.702 mi.)	198	677
GRACE PROPERTY Facility Id: 49280007 Status: Refer: RWQCB	802 DONAHUE	NNE 1/2 - 1 (0.720 mi.)	AH200	686
PG&E - SANTA ROSA GA Facility Id: 49490002 Status: Refer: RWQCB	***FIRST STREET, EAST O***	***ENE 1/2 - 1 (0.981 mi.)***	***AK214***	***738***
FARAUDOS AUTO DISMAN	1061 N DUTTON	N 1/2 - 1 (0.988 mi.)	216	759

Facility Id: 49500020
Status: Refer: RWQCB

Lower Elevation	Address	Direction / Distance	Map ID	Page
COAST AUTO WRECKING Facility Id: 49500001 Status: Refer: RWQCB	949 SEBASTOPOL RD	SSW 0 - 1/8 (0.026 mi.)	A10	49
TAYLOR BUS COMPANY Facility Id: 49500003 Status: Refer: RWQCB	***1175 SEBASTOPOL ROAD***	***WSW 1/8 - 1/4 (0.165 mi.)***	***L105***	***346***
MCMINN AVENUE Facility Id: 49280005 Status: Refer: RWQCB	841 MCMINN AVENUE	SW 1/8 - 1/4 (0.193 mi.)	114	373
WESCOTTS AUTO & TRUC Facility Id: 49500010 Status: Refer: RWQCB	***1569 SEBASTOPOL RD***	***WSW 1/4 - 1/2 (0.375 mi.)***	***W154***	***529***
ALMETCO Facility Id: 49330001 Status: Refer: RWQCB	***1733 SEBASTOPOL RD***	***WSW 1/4 - 1/2 (0.466 mi.)***	***AD181***	***596***
ACME AUTO WRECKERS, Facility Id: 49500002 Status: Refer: RWQCB	***1885 SEBASTOPOL ROAD***	***WSW 1/2 - 1 (0.534 mi.)***	***192***	***646***
NEW ROSELAND AREA EL Facility Id: 70000113 Status: Active	***1683 BURBANK AVENUE***	***SSW 1/2 - 1 (0.572 mi.)***	***193***	***666***
ROSELAND UNIVERSITY Facility Id: 60001798 Status: No Further Action	***1777 WEST AVENUE***	***S 1/2 - 1 (0.693 mi.)***	***197***	***673***
SONOMA COUNTY INDIAN Facility Id: 49800002 Status: No Action Required	1440 STONY POINT ROA	SW 1/2 - 1 (0.816 mi.)	205	688
SONOMA CO. INDIAN HE Facility Id: 49800001 Status: No Action Required	144 STONY POINT RD	NW 1/2 - 1 (0.969 mi.)	212	735
FOUCHE AUTO WRECKERS Facility Id: 49500004 Status: Refer: RWQCB	***2290 DUTTON AVENUE***	***SSE 1/2 - 1 (0.979 mi.)***	***213***	***736***

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 45 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEACUV STATON 489 Database: LUST, Date of Government Version: 12/10/2018	***921 SEBASTOPOL***	***S 0 - 1/8 (0.019 mi.)***	***A6***	***26***

Status: Open - Assessment & Interim Remedial Action
Global Id: T0609700201

BAUGH, MS. WILSON ***805 SEBASTOPOL RD.*** ***SE 0 - 1/8 (0.030 mi.)*** ***A12*** ***50***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSO231
Global Id: T0609700174

BP / REDWOOD OIL #11 ***760 SEBASTOPOL ROAD*** ***ESE 0 - 1/8 (0.078 mi.)*** ***C45*** ***119***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Open - Assessment & Interim Remedial Action
Facility Id: 1TSO254
Global Id: T0609700191

ROSELAND VILLAGE SHO ***665 SEBASTOPOL RD*** ***ESE 0 - 1/8 (0.082 mi.)*** ***C50*** ***161***
Database: SONOMA CO. LUST, Date of Government Version: 04/03/2019
Global ID: T0609700174

NOR CAL GLASS COMPAN SEBASTOPOL ROAD 673 ESE 0 - 1/8 (0.083 mi.) C51 164
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSO057

YELLOW & ROADWAY FRE ***270 DUTTON AVE*** ***NE 0 - 1/8 (0.109 mi.)*** ***H69*** ***197***
Database: SONOMA CO. LUST, Date of Government Version: 04/03/2019
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSO241
Global Id: T0609700182
Global ID: T0609700182

NOR CAL GLASS COMPAN ***673 SEBASTOPOL*** ***ENE 1/8 - 1/4 (0.148 mi.)*** ***J93*** ***302***
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Global Id: T0609700036

ACI AMERICA GLASS 673 SEBASTOPOL RD ENE 1/8 - 1/4 (0.148 mi.) J95 306
Database: SONOMA CO. LUST, Date of Government Version: 04/03/2019
Global ID: T0609700036

RUBEN'S TACOS (FORME ***565 SEBASTOPOL ROAD*** ***E 1/8 - 1/4 (0.152 mi.)*** ***K97*** ***309***
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Global Id: T0609756137

SHELL SERVICE STATIO ***255 DUTTON AVENUE*** ***ENE 1/4 - 1/2 (0.258 mi.)*** ***Q131*** ***418***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Open - Verification Monitoring
Facility Id: 1TSO079
Global Id: T0609700053

HARRIMAN, TOM & JEFF ***375 SEBASTOPOL*** ***E 1/4 - 1/2 (0.267 mi.)*** ***P133*** ***451***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSR086
Global Id: T0609700599

SEBASTOPOL UNION 76/ ***370 SEBASTOPOL ROAD*** ***E 1/4 - 1/2 (0.275 mi.)*** ***P134*** ***453***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018

Status: Completed - Case Closed
Facility Id: 1TSO264
Global Id: T0609700199

WESTSIDE UNOCAL | 370 SEBASTOPOL RD | E 1/4 - 1/2 (0.275 mi.) | P135 | 471
Database: SONOMA CO. LUST, Date of Government Version: 04/03/2019
Global ID: T0609700199

EXCHANGE BANK & DATA | 330 SEBASTOPOL RD | E 1/4 - 1/2 (0.297 mi.) | T140 | 501
Database: SONOMA CO. LUST, Date of Government Version: 04/03/2019
Global ID: T0609700062

EXCHANGE BANK | ***330 SEBASTOPOL*** | ***E 1/4 - 1/2 (0.297 mi.)*** | ***T141*** | ***502***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSO089
Global Id: T0609700062

CHEVRON #9-4377 | 3RD STREET, WEST 214 | NE 1/4 - 1/2 (0.344 mi.) | V148 | 520
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSO376

SHAMROCK MATERIALS I | ***285 ROBERTS AVE*** | ***ENE 1/4 - 1/2 (0.388 mi.)*** | ***X162*** | ***552***
Database: SONOMA CO. LUST, Date of Government Version: 04/03/2019
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSO087
Global Id: T0609700060
Global ID: T0609700060

REDWOOD OIL, FORMER | THIRD STREET, WEST 1 | NE 1/4 - 1/2 (0.412 mi.) | 174 | 579
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSR041

ALLEFAX | ***1 SEBASTOPOL AVENUE*** | ***E 1/4 - 1/2 (0.479 mi.)*** | ***AE185*** | ***607***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSR342
Global Id: T0609700760

SRDPW THIRD STREET | ***THIRD STREET*** | ***NE 1/4 - 1/2 (0.488 mi.)*** | ***AF187*** | ***619***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSR198

SRDPW, THIRD STREET | ***THIRD STREET*** | ***NE 1/4 - 1/2 (0.488 mi.)*** | ***AF188*** | ***620***
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Global Id: T0609700677

POINT ST. GEORGE FIS | ***8 SEBASTOPOL*** | ***E 1/4 - 1/2 (0.492 mi.)*** | ***AE190*** | ***626***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSR019
Global Id: T0609700542

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAIDLAW TRANSIT INC	***959 SEBASTOPOL RD***	***SSW 0 - 1/8 (0.032 mi.)***	***A18***	***62***

Database: LUST, Date of Government Version: 12/10/2018

Status: Completed - Case Closed
Global Id: T0609700119

BEACON #489 (ULTRAMA | SEBASTOPOL ROAD 921 | S 0 - 1/8 (0.047 mi.) | A26 | 76
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSO269

BEVAN INVESTMENTS | 995 SEBASTOPOL ROAD | WSW 0 - 1/8 (0.048 mi.) | B28 | 76
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSO276
Global Id: T0609700206

LAIDLAW TRANSPORTATI | SEBASTOPOL ROAD 959 | SSW 0 - 1/8 (0.053 mi.) | A33 | 110
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSO151

QUIK STOP MARKET NO. | 816 MCMINN AVENUE | SW 0 - 1/8 (0.119 mi.) | G84 | 223
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSR275

QUIK STOP MARKET #35 | 816 MCMINN AVE | SW 0 - 1/8 (0.119 mi.) | G85 | 235
Database: LUST, Date of Government Version: 12/10/2018
Status: Open - Verification Monitoring
Global Id: T0609700721

MURRILL, JAMES | 439 ROSELAND | WNW 1/8 - 1/4 (0.134 mi.) | I89 | 266
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSO099
Global Id: T0609700072

TRIPLE S TIRES | 1124 SEBASTOPOL ROAD | SW 1/8 - 1/4 (0.142 mi.) | G91 | 269
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Open - Remediation
Facility Id: 1TSO515
Global Id: T0609700364

TAYLOR BUS COMPANY | 1175 SEBASTOPOL ROAD | WSW 1/8 - 1/4 (0.165 mi.) | L105 | 346
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Open - Remediation
Facility Id: 1TSO271
Global Id: T0609700202

ROSELAND PAINT CENTE | 1160 SEBASTOPOL ROAD | SW 1/8 - 1/4 (0.170 mi.) | L110 | 368
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Global Id: T0609793188

SLAKEY BROTHERS | 1289 SEBASTOPOL RD | WSW 1/8 - 1/4 (0.223 mi.) | O120 | 381
Database: SONOMA CO. LUST, Date of Government Version: 04/03/2019
Global ID: T0609700022

S. S. SKIKOS TRUCKIN | 1289 SEBASTOPOL RD | WSW 1/8 - 1/4 (0.223 mi.) | O122 | 382
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSO030

Global Id: T0609700022

C & L MOTORS ***1380 SEBASTOPOL ROAD*** ***WSW 1/4 - 1/2 (0.281 mi.)*** ***R136*** ***472***
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Global Id: T0609765962

WITHERS CAR WASH ***1450 SEBASTOPOL*** ***WSW 1/4 - 1/2 (0.328 mi.)*** ***R144*** ***511***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSO090
Global Id: T0609700063

BARNETT PROPERTY ***1025 DUTTON*** ***SE 1/4 - 1/2 (0.379 mi.)*** ***Y160*** ***546***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSR348
Global Id: T0609700764

JACK SMITH GLASS & S ***1050 DUTTON*** ***SE 1/4 - 1/2 (0.389 mi.)*** ***Y163*** ***560***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSR158
Global Id: T0609700653

FRONTIER ELECTRIC ***1599 HAMPTON WAY*** ***W 1/4 - 1/2 (0.393 mi.)*** ***Z167*** ***565***
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Global Id: T0609700055

CHANG, KEVIN HAMPTON WAY 1580 WSW 1/4 - 1/2 (0.408 mi.) AA169 573
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSO166

FRONTIER ELECTRIC HAMPTON WAY 1599 WSW 1/4 - 1/2 (0.409 mi.) AA170 573
Database: LUST REG 1, Date of Government Version: 02/01/2001
Facility Id: 1TSO082

CHANG, KEVIN ***1580 HAMPTON*** ***WSW 1/4 - 1/2 (0.425 mi.)*** ***AD177*** ***583***
Database: SONOMA CO. LUST, Date of Government Version: 04/03/2019
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Global Id: T0609700130
Global ID: T0609700130

WOOD, TALMADGE ***1594 HAMPTON*** ***W 1/4 - 1/2 (0.428 mi.)*** ***Z178*** ***586***
Database: LUST REG 1, Date of Government Version: 02/01/2001
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Facility Id: 1TSO110
Global Id: T0609700080

ALMETCO ***1733 SEBASTOPOL RD*** ***WSW 1/4 - 1/2 (0.466 mi.)*** ***AD181*** ***596***
Database: LUST, Date of Government Version: 12/10/2018
Status: Completed - Case Closed
Global Id: T0609700329

ALMETCO ***1733 SEBASTOPOL ROAD*** ***WSW 1/4 - 1/2 (0.466 mi.)*** ***AD182*** ***602***
Database: LUST REG 1, Date of Government Version: 02/01/2001

EXECUTIVE SUMMARY

Facility Id: 1TSO463

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 37 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEACUV STATON 489	***921 SEBASTOPOL***	***S 0 - 1/8 (0.019 mi.)***	***A6***	***26***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: SL0002012200				
BSC CLEANERS (FORMER	***800 SEBASTOPOL ROAD***	***SE 0 - 1/8 (0.045 mi.)***	***A23***	***72***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Site Assessment Global Id: SL0609776502				
SEBASTOPOL RD @ WEST	***SEBASTOPOL ROAD***	***ESE 0 - 1/8 (0.057 mi.)***	***C34***	***110***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NSR349				
ROSELAND CLEANERS	***761 SEBASTOPOL ROAD***	***ESE 0 - 1/8 (0.063 mi.)***	***C38***	***114***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Remediation Global Id: SL0609779635				
BP / REDWOOD OIL #11	***760 SEBASTOPOL ROAD***	***ESE 0 - 1/8 (0.078 mi.)***	***C45***	***119***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: SL609792528				
HOLLAND CLEANERS	***700 SEBASTOPOL ROAD***	***ESE 0 - 1/8 (0.097 mi.)***	***C56***	***170***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: SL0609757511				
CLEANING MART	***651 SEBASTOPOL ROAD***	***E 0 - 1/8 (0.101 mi.)***	***F63***	***182***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: SL0609797962				
REUBEN'S TACOS	***565 SEBASTOPOL ROAD***	***E 1/8 - 1/4 (0.152 mi.)***	***K96***	***307***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NSO517				
LANGES CLEANERS	***555 SEBASTOPOL ROAD***	***E 1/8 - 1/4 (0.201 mi.)***	***K115***	***376***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: SL0609768756				
MY CLEANERS / ECONOM	***426 SEBASTOPOL ROAD***	***E 1/8 - 1/4 (0.225 mi.)***	***P125***	***400***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: SL0609762190				
SHELL SERVICE STATIO	***255 DUTTON AVENUE***	***ENE 1/4 - 1/2 (0.258 mi.)***	***Q131***	***418***
Database: CPS-SLIC, Date of Government Version: 12/10/2018				

Facility Status: Completed - Case Closed
Global Id: SL0002014200

WESTSIDE PLAZA DRY C	***320 W 3RD ST, SUITE***	***NE 1/4 - 1/2 (0.262 mi.)***	***N132***	***450***

Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Open - Site Assessment
Global Id: T10000010979

SHELL OIL WHOLSALE P	***257 DUTTON***	***ENE 1/4 - 1/2 (0.293 mi.)***	***S139***	***480***

Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Open - Site Assessment
Global Id: T0609793187

MCGOWEN AUTO WRECKIN	***112 HOLBROOK***	***ENE 1/4 - 1/2 (0.331 mi.)***	***S145***	***514***

Database: SLIC REG 1, Date of Government Version: 04/03/2003
Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Open - Inactive
Facility Id: 1NSR299
Global Id: T0609793372

SONOMA COUNTY GOVERN	***SEBASTOPOL ROAD / RO***	***E 1/4 - 1/2 (0.390 mi.)***	***X164***	***562***

Database: SLIC REG 1, Date of Government Version: 04/03/2003
Facility Id: 1NSO782

SONOMA COUNTY GOVERN	SEBASTOPOL ROAD / RO	E 1/4 - 1/2 (0.390 mi.)	X165	563

Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Completed - Case Closed
Global Id: T0609791105

C & D BATTERIES	***265 ROBERTS AVENUE***	***ENE 1/4 - 1/2 (0.410 mi.)***	***AB172***	***577***

Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Open - Inactive
Global Id: T0609793128

C&D BATTERIES	265 ROBERTS AVENUE	ENE 1/4 - 1/2 (0.410 mi.)	AB173	579

Database: SLIC REG 1, Date of Government Version: 04/03/2003
Facility Id: 1NSR079

SCWA - HEWETT AND NO	***HEWETT STREET/NORTH***	***NNE 1/4 - 1/2 (0.416 mi.)***	***AC175***	***579***

Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Open - Site Assessment
Global Id: T0609793396

SCWA - 330 HEWETT	330 HEWETT STREET	NNE 1/4 - 1/2 (0.434 mi.)	AC179	593

Database: SLIC REG 1, Date of Government Version: 04/03/2003
Facility Id: 1NSR318

POINT ST. GEORGE FIS	***8 SEBASTOPOL***	***E 1/4 - 1/2 (0.492 mi.)***	***AE190***	***626***

Database: SLIC REG 1, Date of Government Version: 04/03/2003
Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Completed - Case Closed
Facility Id: 1NSR019
Global Id: T0609791311

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPTICAL COATING LABO	***977 SEBASTOPOL ROAD***	***SSW 0 - 1/8 (0.041 mi.)***	***A21***	***70***

Database: SLIC REG 1, Date of Government Version: 04/03/2003
Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Completed - Case Closed
Facility Id: 1NSR225

Global Id: T0609793282

GARDENER'S AID	1050 SEBASTOPOL ROAD	SW 0 - 1/8 (0.097 mi.)	B58	172
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Facility Id: 1NSR291 Global Id: T0609793355				
COTTAGE BAR	***1099 SEBASTOPOL ROAD***	***SW 0 - 1/8 (0.105 mi.)***	***G64***	***183***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Facility Id: 1NSO516 Global Id: T0609793273				
REDWOOD OIL/ CHEVRON	258 ROSELAND AVENUE	WNW 0 - 1/8 (0.111 mi.)	I74	206
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NSO252				
AYERS PLANT	***258 ROSELAND AVENUE***	***WNW 0 - 1/8 (0.111 mi.)***	***I76***	***209***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Verification Monitoring Global Id: T0609793561				
SANTA ROSA DPW SEWER	***ROSELAND AVENUE***	***W 0 - 1/8 (0.114 mi.)***	***E78***	***217***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Facility Id: 1NSR242 Global Id: T0609793310				
MCMINN AVENUE AREA	***SEBASTOPOL ROAD / RO***	***SW 0 - 1/8 (0.124 mi.)***	***G86***	***263***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Inactive Global Id: T0609793565				
ROSELAND PAINT CENTE	***1160 SEBASTOPOL ROAD***	***SW 1/8 - 1/4 (0.170 mi.)***	***L111***	***370***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NSO272				
SONOMA COUNTY COMMUN	SEBASTOPOL ROAD	WSW 1/8 - 1/4 (0.216 mi.)	L116	377
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: T0609793233				
SONOMA COUNTY COMMUN	***SEBASTOPOL ROAD***	***WSW 1/8 - 1/4 (0.216 mi.)***	***L117***	***378***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Facility Id: 1NSO403				
INDUSTRIAL MACHINE &	***928 DUTTON AVENUE, N***	***SE 1/4 - 1/2 (0.345 mi.)***	***150***	***523***
Database: SLIC REG 1, Date of Government Version: 04/03/2003 Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Inactive Facility Id: 1NSR146 Global Id: T0609793214				
WESCOTTS AUTO & TRUC	***1569 SEBASTOPOL RD***	***WSW 1/4 - 1/2 (0.375 mi.)***	***W154***	***529***
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: T0609793338 Global Id: T10000008931				
WESCOTT'S BOB AUTO &	1569 SEBASTOPOL ROAD	WSW 1/4 - 1/2 (0.375 mi.)	W155	537
Database: SLIC REG 1, Date of Government Version: 04/03/2003				

Facility Id: 1NSR285

KINGWOOD SUBDIVISION ***1055 DUTTON AVENUE,*** ***SE 1/4 - 1/2 (0.391 mi.)*** ***Y166*** ***564***
Database: SLIC REG 1, Date of Government Version: 04/03/2003
Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Completed - Case Closed
Facility Id: 1NSR215
Global Id: T0609793269

ALMETCO ***1733 SEBASTOPOL RD*** ***WSW 1/4 - 1/2 (0.466 mi.)*** ***AD181*** ***596***
Database: SLIC REG 1, Date of Government Version: 04/03/2003
Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Completed - Case Closed
Facility Id: 1NSO463
Global Id: T0609791135

ATRIUM COURT ***1260 DUTTON AVENUE,*** ***SE 1/4 - 1/2 (0.484 mi.)*** ***186*** ***618***
Database: SLIC REG 1, Date of Government Version: 04/03/2003
Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Completed - Case Closed
Facility Id: 1NSR246
Global Id: T0609793318

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROSELAND GAS MART Database: UST, Date of Government Version: 06/10/2019 Facility Id: 49-000-000145	921 SEBASTOPOL RD	S 0 - 1/8 (0.019 mi.)	A4	25
BP / REDWOOD OIL #11 Database: UST, Date of Government Version: 06/10/2019 Facility Id: 49-000-000112	760 SEBASTOPOL RD	ESE 0 - 1/8 (0.078 mi.)	C49	161

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAIDLAW EDUCATION SE Database: UST, Date of Government Version: 06/10/2019 Facility Id: 49-000-000113	959 SEBASTOPOL RD	SSW 0 - 1/8 (0.032 mi.)	A16	60
QUIK STOP MARKET #35 Database: UST, Date of Government Version: 06/10/2019 Facility Id: 49-000-000078 Facility Id: 00-000-000078	816 MCMINN AVENUE	SW 0 - 1/8 (0.119 mi.)	G80	219
SLAKEY BROTHERS Database: UST, Date of Government Version: 06/10/2019 Facility Id: 49-000-001784	1289 SEBASTOPOL RD	WSW 1/8 - 1/4 (0.223 mi.)	O121	381

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

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
S. S. SKIKOS TRUCKIN	***1289 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.223 mi.)***	***O122***	***382***
Database: AST, Date of Government Version: 07/06/2016				

State and tribal voluntary cleanup sites

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

A review of the VCP list, as provided by EDR, and dated 04/29/2019 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POINT ST. GEORGE FIS	***8 SEBASTOPOL***	***E 1/4 - 1/2 (0.492 mi.)***	***AE190***	***626***
Status: Refer: RWQCB				
Facility Id: 49200002				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/17/2018 has revealed that there are 13 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELSIE JACKSON TRUST	250 SEBASTOPOL ROAD	E 1/4 - 1/2 (0.326 mi.)	T143	508
ACRES property ID: 238110				
217 SEBASTOPOL ROAD	217 SEBASTOPOL ROAD	E 1/4 - 1/2 (0.336 mi.)	U146	515
ACRES property ID: 238109				
ACME AUTO DISMANTLER	305 SEBASTOPOL ROAD	ENE 1/4 - 1/2 (0.340 mi.)	U147	517
ACRES property ID: 238111				
DUTTON RADIATOR (WES	207 SEBASTOPOL ROAD	E 1/4 - 1/2 (0.345 mi.)	U149	520
ACRES property ID: 238108				
DUTTON RADIATOR PROP	***181 SEBASTOPOL ROAD***	***E 1/4 - 1/2 (0.357 mi.)***	***U152***	***525***
ACRES property ID: 238107				
ACME AUTO DISMANTLER	321 ROBERTS AVENUE	ENE 1/4 - 1/2 (0.375 mi.)	U157	538

ACRES property ID: 238113				
KING TIRE AUTO REPAI ACRES property ID: 238114	345 ROBERTS AVENUE	E 1/4 - 1/2 (0.376 mi.)	U158	541
ACME AUTO DISMANTLER ACRES property ID: 238112	315 ROBERTS AVENUE	ENE 1/4 - 1/2 (0.379 mi.)	X159	544
SHAMROCK MATERIALS (ACRES property ID: 238116	275 ROBERTS AVENUE	ENE 1/4 - 1/2 (0.387 mi.)	X161	549
SHAMROCK MATERIALS I ACRES property ID: 238118	***285 ROBERTS AVE***	***ENE 1/4 - 1/2 (0.388 mi.)***	***X162***	***552***
350 ROBERTS STREET P ACRES property ID: 238115	350 ROBERTS STREET	ENE 1/4 - 1/2 (0.400 mi.)	X168	570
SHAMROCK MATERIALS (ACRES property ID: 238117	280 ROBERTS AVENUE	ENE 1/4 - 1/2 (0.422 mi.)	X176	581
111 SEBASTOPOL RD. P ACRES property ID: 238106	111 SEBASTOPOL RD.	E 1/4 - 1/2 (0.455 mi.)	AE180	593

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 03/11/2019 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SEBASTOPOL UNION 76/ Cert Id: RC147675.001	***370 SEBASTOPOL ROAD***	***E 1/4 - 1/2 (0.275 mi.)***	***P134***	***453***

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/09/2019 has revealed that there are 10 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEACON STATION #489	***921 SEBASTOPOL RD***	***S 0 - 1/8 (0.019 mi.)***	***A2***	***9***
DOLLAR TREE #02162	***777 SEBASTOPOL RD***	***SE 0 - 1/8 (0.051 mi.)***	***C32***	***104***
YRC, INC.	***270 DUTTON AVENUE***	***NE 0 - 1/8 (0.109 mi.)***	***H71***	***201***
ASTORGA'S AUTO REPAI	***580 SEBASTOPOL RD***	***E 1/8 - 1/4 (0.168 mi.)***	***K109***	***364***
ROADRUNNER MOBILE TR	***256 DUTTON AVE***	***ENE 1/8 - 1/4 (0.237 mi.)***	***Q128***	***403***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST COUNTY TRANSPOR	***933 SEBASTOPOL RD***	***S 0 - 1/8 (0.022 mi.)***	***A9***	***47***
KING'S TIRES	***1075 SEBASTOPOL RD***	***SW 0 - 1/8 (0.085 mi.)***	***B53***	***165***
MOISES AUTO REPAIR	588 ROSELAND AVE	WSW 0 - 1/8 (0.101 mi.)	E60	173

Lower Elevation	Address	Direction / Distance	Map ID	Page
QUIK STOP MARKET #35	*816 MCMINN AVE*	*SW 0 - 1/8 (0.119 mi.)*	*G85*	*235*
TRIPLE S TIRES	*1124 SEBASTOPOL ROAD*	*SW 1/8 - 1/4 (0.142 mi.)*	*G91*	*269*

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 18 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEACON STATION #489 Status: A Tank Status: A Comp Number: 1541	*921 SEBASTOPOL RD*	*S 0 - 1/8 (0.019 mi.)*	*A2*	*9*
BAUGH, MS. WILSON Status: A Tank Status: A Comp Number: 2466	*805 SEBASTOPOL RD.*	*SE 0 - 1/8 (0.030 mi.)*	*A12*	*50*
THRIFTY SQUIRREL Status: A Tank Status: A Comp Number: 2729	*760 SEBASTOPOL RD*	*ESE 0 - 1/8 (0.078 mi.)*	*C46*	*143*
ROSELAND MOBIL Status: A Tank Status: A Comp Number: 1452	*760 SEBASTOPOL*	*ESE 0 - 1/8 (0.078 mi.)*	*C48*	*146*
YELLOW & ROADWAY FRE Status: A Tank Status: A Comp Number: 1105	*270 DUTTON*	*NE 0 - 1/8 (0.109 mi.)*	*H67*	*185*
DELTA LINES, INC. Status: A Tank Status: A Comp Number: 13001	*270 DUTTON AVE*	*NE 0 - 1/8 (0.109 mi.)*	*H70*	*200*
NORTHERN CALIFORNIA Status: A Tank Status: A Comp Number: 50399	*617 SEBASTOPOL RD*	*E 1/8 - 1/4 (0.158 mi.)*	*K100*	*338*
ENZO & WALTER CASAZZ Status: A Tank Status: A Comp Number: 48755	*580 SEBASTOPOL RD*	*E 1/8 - 1/4 (0.168 mi.)*	*K108*	*362*

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAIDLAW TRANSIT INC	*959 SEBASTOPOL RD*	*SSW 0 - 1/8 (0.032 mi.)*	*A18*	*62*

Status: A
Tank Status: A
Comp Number: 1459

BEVAN PEARSON MOVING	***995 SEBASTOPOL***	***WSW 0 - 1/8 (0.048 mi.)***	***B29***	***88***
Status: A Tank Status: A Comp Number: 1925				
IMWALLE GARDENS	***685 W 003RD ST***	***SE 0 - 1/8 (0.091 mi.)***	***55***	***170***
Status: A Tank Status: A Comp Number: 33688				
CHEVRON BULK PLANT	***258 ROSELAND AVE***	***WNW 0 - 1/8 (0.111 mi.)***	***I75***	***206***
Comp Number: 1022				
QUIK STOP 35	***816 MCMINN ST***	***SW 0 - 1/8 (0.119 mi.)***	***G79***	***218***
Status: A Tank Status: A Comp Number: 2687				
QUIK STOP MARKET #35	***816 MCMINN AVE***	***SW 0 - 1/8 (0.119 mi.)***	***G85***	***235***
Status: A Tank Status: A Comp Number: 1331				
JAMES MURRILL	***439 ROSLAND AVE***	***WNW 1/8 - 1/4 (0.134 mi.)***	***I88***	***265***
Status: A Tank Status: A Comp Number: 14589				
TAYLOR BUS SERVICE	***1175 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.165 mi.)***	***L104***	***344***
Status: A Tank Status: A Comp Number: 23654				
ROSELAND PAINT CENTE	***1160 SEBASTOPOL ROAD***	***SW 1/8 - 1/4 (0.170 mi.)***	***L111***	***370***
Status: A Tank Status: A Comp Number: 23744				
SLAKEY BROTHERS, INC	***1289 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.223 mi.)***	***O123***	***398***
Status: A Tank Status: A Comp Number: 23650				

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 26 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEACON STATION # 489 Facility Id: 00000053019	921 SEBASTOPOL RD	S 0 - 1/8 (0.019 mi.)	A1	8
BEACUV STATON 489	***921 SEBASTOPOL***	***S 0 - 1/8 (0.019 mi.)***	***A6***	***26***
THRIFTY SQUIRREL Facility Id: 00000002729	***760 SEBASTOPOL RD***	***ESE 0 - 1/8 (0.078 mi.)***	***C46***	***143***
YELLOW & ROADWAY FRE	***270 DUTTON***	***NE 0 - 1/8 (0.109 mi.)***	***H67***	***185***
DELTA LINES, INC.	***270 DUTTON AVE***	***NE 0 - 1/8 (0.109 mi.)***	***H70***	***200***

Facility Id: 00000013001				
YELLOW FREIGHT SYSTE Facility Id: 00000066422	270 DUTTON AVE	NE 0 - 1/8 (0.109 mi.)	H72	204
NORTHERN CALIFORNIA Facility Id: 00000050399	617 SEBASTOPOL RD	E 1/8 - 1/4 (0.158 mi.)	K99	337
NORTHERN CALIFORNIA	***617 SEBASTOPOL RD***	***E 1/8 - 1/4 (0.158 mi.)***	***K100***	***338***
ENZO & WALTER CASAZZ Facility Id: 00000048755	580 SEBASTOPOL RD	E 1/8 - 1/4 (0.168 mi.)	K106	360
ENZO & WALTER CASAZZ	***580 SEBASTOPOL RD***	***E 1/8 - 1/4 (0.168 mi.)***	***K108***	***362***
IMWALLE GARDENS Facility Id: 00000033688	685 W 3RD ST	NNW 1/8 - 1/4 (0.173 mi.)	M112	371
IMWALLE GARDENS	685 WEST 3RD ST	NNW 1/8 - 1/4 (0.173 mi.)	M113	372

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
FIRST STUDENT, INC #	***959 SEBASTOPOL RD***	***SSW 0 - 1/8 (0.032 mi.)***	***A19***	***65***
TRNSP.-SANTA ROSA Facility Id: 00000014181	***959 SEBASTOPOL RD***	***SSW 0 - 1/8 (0.032 mi.)***	***A20***	***68***
BEVAN-PEARSON MOVING Facility Id: 00000050394	995 SEBASTOPOL ROAD	WSW 0 - 1/8 (0.048 mi.)	B30	102
AYERS PLANT Facility Id: 00000002700	258 ROSELAND AVE	WNW 0 - 1/8 (0.111 mi.)	I73	205
AYERS PLANT	***258 ROSELAND AVENUE***	***WNW 0 - 1/8 (0.111 mi.)***	***I76***	***209***
QUIK STOP 35	***816 MCMINN ST***	***SW 0 - 1/8 (0.119 mi.)***	***G79***	***218***
QUIK STOP #35 Facility Id: 00000002687	***816 MCMINN AVE***	***SW 0 - 1/8 (0.119 mi.)***	***G82***	***221***
JAMES MURRILL Facility Id: 00000014589	439 ROSELAND AVE	WNW 1/8 - 1/4 (0.134 mi.)	I90	268
TAYLOR BUS SERVICE Facility Id: 00000023654	1175 SEBASTOPOL RD	WSW 1/8 - 1/4 (0.165 mi.)	L102	342
TAYLOR BUS FMR USE S	***1175 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.165 mi.)***	***L103***	***343***
ROSELAND PAINT CENTE Facility Id: 00000023744	***1160 SEBASTOPOL ROAD***	***SW 1/8 - 1/4 (0.170 mi.)***	***L110***	***368***
ROSELAND PAINT CENTE	***1160 SEBASTOPOL ROAD***	***SW 1/8 - 1/4 (0.170 mi.)***	***L111***	***370***
SLAKEY BROTHERS, INC	***1289 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.223 mi.)***	***O123***	***398***
SS SKIKOS INC Facility Id: 00000023650	***1289 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.223 mi.)***	***O124***	***399***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 15 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
BEACON STATION #489 Facility Id: 49000464 Status: A	***921 SEBASTOPOL RD***	***S 0 - 1/8 (0.019 mi.)***	***A2***	***9***
BAUGH, MS. WILSON	***805 SEBASTOPOL RD.***	***SE 0 - 1/8 (0.030 mi.)***	***A12***	***50***

Facility Id: 49000460
Status: A

ROSELAND MOBIL Facility Id: 49000463 Status: A	***760 SEBASTOPOL***	***ESE 0 - 1/8 (0.078 mi.)***	***C48***	***146***
YELLOW & ROADWAY FRE Facility Id: 49000822 Status: A	***270 DUTTON***	***NE 0 - 1/8 (0.109 mi.)***	***H67***	***185***
NORTHERN CALIFORNIA Facility Id: 49001866 Status: A	***617 SEBASTOPOL RD***	***E 1/8 - 1/4 (0.158 mi.)***	***K100***	***338***
ENZO & WALTER CASAZZ Facility Id: 49001954 Status: A	***580 SEBASTOPOL RD***	***E 1/8 - 1/4 (0.168 mi.)***	***K108***	***362***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAIDLAW TRANSIT, INC Facility Id: 49000448 Status: A	***959 SEBASTOPOL***	***SSW 0 - 1/8 (0.032 mi.)***	***A17***	***60***
BEVAN PEARSON MOVING Facility Id: 49000466 Status: A	***995 SEBASTOPOL***	***WSW 0 - 1/8 (0.048 mi.)***	***B29***	***88***
IMWALLE GARDENS Facility Id: 49003743 Status: A	***685 W 003RD ST***	***SE 0 - 1/8 (0.091 mi.)***	***55***	***170***
CHEVRON BULK PLANT Facility Id: 49001202 Status: I	***258 ROSELAND AVE***	***WNW 0 - 1/8 (0.111 mi.)***	***I75***	***206***
QUIK STOP MARKET #35 Facility Id: 49003516 Status: A	816 MCMINN AVE	SW 0 - 1/8 (0.119 mi.)	G81	220
JAMES MURRILL Facility Id: 49003693 Status: A	***439 ROSLAND AVE***	***WNW 1/8 - 1/4 (0.134 mi.)***	***I88***	***265***
TAYLOR BUS SERVICE Facility Id: 49000465 Status: A	***1175 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.165 mi.)***	***L104***	***344***
ROSELAND PAINT CENTE Facility Id: 49001475 Status: A	***1160 SEBASTOPOL ROAD***	***SW 1/8 - 1/4 (0.170 mi.)***	***L111***	***370***
SLAKEY BROTHERS, INC Facility Id: 49000457 Status: A	***1289 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.223 mi.)***	***O123***	***398***

EXECUTIVE SUMMARY

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 04/09/2019 has revealed that there are 3 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEACON STATION #489	***921 SEBASTOPOL RD***	***S 0 - 1/8 (0.019 mi.)***	***A2***	***9***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
QUIK STOP MARKET #35	***816 MCMINN AVE***	***SW 0 - 1/8 (0.119 mi.)***	***G85***	***235***
S. S. SKIKOS TRUCKIN	***1289 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.223 mi.)***	***O122***	***382***

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 14 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROSELAND GAS MART EPA ID:: CAL000321249	921 SEBASTOPOL RD	S 0 - 1/8 (0.019 mi.)	A3	23
TEXACO DOWNSTREAM #2 EPA ID:: CAL000254140	805 SEBASTOPOL RD	SE 0 - 1/8 (0.030 mi.)	A14	58
DOLLAR TREE #02162 EPA ID:: CAL000388055	777 SEBASTOPOL RD	SE 0 - 1/8 (0.051 mi.)	C31	103
YRC INC DBA YRC FREI EPA ID:: CAL000331284	270 DUTTON AVE	NE 0 - 1/8 (0.109 mi.)	H66	184
SALONCENTRIC INC 592 EPA ID:: CAL000394421	400 W 3RD ST STE B	NNE 1/8 - 1/4 (0.221 mi.)	N118	378
ROADRUNNER MOBILE TR EPA ID:: CAL000384912	256 DUTTON AVE	ENE 1/8 - 1/4 (0.237 mi.)	Q127	402

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST COUNTY TRANSPOR EPA ID:: CAL000434227	933 SEBASTOPOL RD	S 0 - 1/8 (0.022 mi.)	A8	46
STEPHEN YOUNG DBA AR EPA ID:: CAL000263419	512 ROSELAND AVE	WNW 0 - 1/8 (0.057 mi.)	D36	112
KING'S TIRES #3 EPA ID:: CAL000408818	1075 SEBASTOPOL RD	SW 0 - 1/8 (0.085 mi.)	B54	168
GARDENERS AID EPA ID:: CAL000296629	1050 SEBASTOPOL RD	SW 0 - 1/8 (0.097 mi.)	B59	172
QUIK STOP MARKETS IN	816 MC MINN AVENUE	SW 0 - 1/8 (0.119 mi.)	G83	222

EPA ID:: CAL000045882				
VALDIVIA TRUCKING EPA ID:: CAL000439304	437 ROSELAND AVE	NW 1/8 - 1/4 (0.145 mi.)	I92	301
SS SKIKOS INC EPA ID:: CAL000360115	1289 SEBASTOPOL RD	WSW 1/8 - 1/4 (0.223 mi.)	O119	380
PACIFIC BELL EPA ID:: CAD981167281	***1290 SEBASTOPOL ROAD***	***SW 1/8 - 1/4 (0.226 mi.)***	***O126***	***401***

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MCMINN AVENUE	ROSELAND AREA	WSW 1/4 - 1/2 (0.363 mi.)	W153	528

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

A review of the Cortese list, as provided by EDR, and dated 03/25/2019 has revealed that there are 15 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TESORO 67109	***921 SEBASTOPOL RD***	***S 0 - 1/8 (0.019 mi.)***	***A5***	***25***
BEACUV STATON 489	***921 SEBASTOPOL***	***S 0 - 1/8 (0.019 mi.)***	***A6***	***26***
Cleanup Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION				
BP / REDWOOD OIL #11	***760 SEBASTOPOL ROAD***	***ESE 0 - 1/8 (0.078 mi.)***	***C45***	***119***
Cleanup Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION				
BP/REDWOOD OIL 110	***760 SEBASTOPOL ROAD***	***ESE 0 - 1/8 (0.078 mi.)***	***C47***	***145***
REUBEN'S TACOS	***565 SEBASTOPOL ROAD***	***E 1/8 - 1/4 (0.152 mi.)***	***K96***	***307***
SHELL SERVICE STATIO	***255 DUTTON AVENUE***	***ENE 1/4 - 1/2 (0.258 mi.)***	***Q130***	***415***
SHELL SERVICE STATIO	***255 DUTTON AVENUE***	***ENE 1/4 - 1/2 (0.258 mi.)***	***Q131***	***418***
Cleanup Status: OPEN - VERIFICATION MONITORING				
SHELL DZ PRODUCTS FA	***257 DUTTON AVENUE***	***ENE 1/4 - 1/2 (0.293 mi.)***	***S137***	***475***
SRDPW, THIRD STREET	***THIRD STREET***	***NE 1/4 - 1/2 (0.488 mi.)***	***AF188***	***620***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BEVAN PEARSON MOVING	***995 SEBASTOPOL***	***WSW 0 - 1/8 (0.048 mi.)***	***B29***	***88***
CHEVRON BULK PLANT	***258 ROSELAND AVE***	***WNW 0 - 1/8 (0.111 mi.)***	***I75***	***206***
QUIK STOP MARKET #35	***816 MCMINN AVE***	***SW 0 - 1/8 (0.119 mi.)***	***G85***	***235***
Cleanup Status: OPEN - VERIFICATION MONITORING				
TRIPLE S TIRES	***1124 SEBASTOPOL ROAD***	***SW 1/8 - 1/4 (0.142 mi.)***	***G91***	***269***
Cleanup Status: OPEN - REMEDIATION				
TAYLOR BUS COMPANY	***1175 SEBASTOPOL ROAD***	***WSW 1/8 - 1/4 (0.165 mi.)***	***L105***	***346***
Cleanup Status: OPEN - REMEDIATION				
PHOENIX WINDOWS	***1733 SEBASTOPOL***	***WSW 1/4 - 1/2 (0.466 mi.)***	***AD183***	***603***

EXECUTIVE SUMMARY

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 12 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEACON STATION #489	***921 SEBASTOPOL RD***	***S 0 - 1/8 (0.019 mi.)***	***A2***	***9***
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				
DOLLAR TREE #02162	***777 SEBASTOPOL RD***	***SE 0 - 1/8 (0.051 mi.)***	***C32***	***104***
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				
YELLOW & ROADWAY FRE	***270 DUTTON***	***NE 0 - 1/8 (0.109 mi.)***	***H67***	***185***
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				
ENZO & WALTER CASAZZ	***580 SEBASTOPOL RD***	***E 1/8 - 1/4 (0.168 mi.)***	***K108***	***362***
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				
ROADRUNNER MOBILE TR	***256 DUTTON AVE***	***ENE 1/8 - 1/4 (0.237 mi.)***	***Q128***	***403***
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAIDLAW TRANSIT, INC	***959 SEBASTOPOL***	***SSW 0 - 1/8 (0.032 mi.)***	***A17***	***60***
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				
ART'S TOWING	512 ROSELAND AVE	WNW 0 - 1/8 (0.057 mi.)	D35	111
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				
KINGS TIRES	1075 SEBASTOPOL RD	SW 0 - 1/8 (0.085 mi.)	B52	165
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				
GEORGES CAB CO	***588 ROSELAND AVE***	***WSW 0 - 1/8 (0.101 mi.)***	***E61***	***178***
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				
QUIK STOP MARKET #35	***816 MCMINN AVE***	***SW 0 - 1/8 (0.119 mi.)***	***G85***	***235***
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				
TRIPLE S TIRES	***1124 SEBASTOPOL ROAD***	***SW 1/8 - 1/4 (0.142 mi.)***	***G91***	***269***
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				
S. S. SKIKOS TRUCKIN	***1289 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.223 mi.)***	***O122***	***382***
Database: CUPA SONOMA, Date of Government Version: 06/18/2019 internal Field: Inactive				

EXECUTIVE SUMMARY

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. 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 30 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEACUV STATON 489 Reg Id: 1TSO269 Reg Id: 1B1SO269NUG	***921 SEBASTOPOL***	***S 0 - 1/8 (0.019 mi.)***	***A6***	***26***
BAUGH, MS. WILSON Reg Id: 1TSO231	***805 SEBASTOPOL RD.***	***SE 0 - 1/8 (0.030 mi.)***	***A12***	***50***
BP / REDWOOD OIL #11 Reg Id: 1B1SO254NUG Reg Id: 1TSO254	***760 SEBASTOPOL ROAD***	***ESE 0 - 1/8 (0.078 mi.)***	***C45***	***119***
YELLOW & ROADWAY FRE Reg Id: 1TS0241	***270 DUTTON AVE***	***NE 0 - 1/8 (0.109 mi.)***	***H69***	***197***
NOR CAL GLASS COMPAN Reg Id: 1TSO057	***673 SEBASTOPOL***	***ENE 1/8 - 1/4 (0.148 mi.)***	***J93***	***302***
RUBEN'S TACOS (FORME Reg Id: 1B1SO517NSL	***565 SEBASTOPOL ROAD***	***E 1/8 - 1/4 (0.152 mi.)***	***K97***	***309***
HARRIMEN'S/DIAMOND L Reg Id: 1B1SR086NUG	***275 DUTTON AVENUE***	***ENE 1/8 - 1/4 (0.241 mi.)***	***Q129***	***409***
SHELL SERVICE STATIO Reg Id: 1B1SO079NUG Reg Id: 1TSO079	***255 DUTTON AVENUE***	***ENE 1/4 - 1/2 (0.258 mi.)***	***Q131***	***418***
HARRIMAN, TOM & JEFF Reg Id: 1TSR086	***375 SEBASTOPOL***	***E 1/4 - 1/2 (0.267 mi.)***	***P133***	***451***
SEBASTOPOL UNION 76/ Reg Id: 1TSO264	***370 SEBASTOPOL ROAD***	***E 1/4 - 1/2 (0.275 mi.)***	***P134***	***453***
SHELL OIL WHOLSALE P Reg Id: 1B1SO268NSL	***257 DUTTON***	***ENE 1/4 - 1/2 (0.293 mi.)***	***S139***	***480***
EXCHANGE BANK Reg Id: 1TSO089	***330 SEBASTOPOL***	***E 1/4 - 1/2 (0.297 mi.)***	***T141***	***502***
SHAMROCK MATERIALS I Reg Id: 1TSO087	***285 ROBERTS AVE***	***ENE 1/4 - 1/2 (0.388 mi.)***	***X162***	***552***
ALLEFAX Reg Id: 1TSR342	***1 SEBASTOPOL AVENUE***	***E 1/4 - 1/2 (0.479 mi.)***	***AE185***	***607***
POINT ST. GEORGE FIS Reg Id: 1TSR019	***8 SEBASTOPOL***	***E 1/4 - 1/2 (0.492 mi.)***	***AE190***	***626***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAIDLAW TRANSIT INC Reg Id: 1TSO151	***959 SEBASTOPOL RD***	***SSW 0 - 1/8 (0.032 mi.)***	***A18***	***62***
BEVAN INVESTMENTS Reg Id: 1TSO276 Reg Id: 1B1SO276NUG	***995 SEBASTOPOL ROAD***	***WSW 0 - 1/8 (0.048 mi.)***	***B28***	***76***
AYERS PLANT	***258 ROSELAND AVENUE***	***WNW 0 - 1/8 (0.111 mi.)***	***I76***	***209***

Reg Id: 1B91049NSON				
QUIK STOP MARKET NO.	***816 MCMINN AVENUE***	***SW 0 - 1/8 (0.119 mi.)***	***G84***	***223***
Reg Id: 1TSR275				
MURRILL, JAMES	***439 ROSELAND***	***WNW 1/8 - 1/4 (0.134 mi.)***	***I89***	***266***
Reg Id: 1TSO099				
TRIPLE S TIRES	***1124 SEBASTOPOL ROAD***	***SW 1/8 - 1/4 (0.142 mi.)***	***G91***	***269***
Reg Id: 1B1SO539NUG				
Reg Id: 1TSO515				
TAYLOR BUS COMPANY	***1175 SEBASTOPOL ROAD***	***WSW 1/8 - 1/4 (0.165 mi.)***	***L105***	***346***
Reg Id: 1TSO271				
S. S. SKIKOS TRUCKIN	***1289 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.223 mi.)***	***O122***	***382***
Reg Id: 1TSO030				
WITHERS CAR WASH	***1450 SEBASTOPOL***	***WSW 1/4 - 1/2 (0.328 mi.)***	***R144***	***511***
Reg Id: 1TSO090				
BARNETT PROPERTY	***1025 DUTTON***	***SE 1/4 - 1/2 (0.379 mi.)***	***Y160***	***546***
Reg Id: 1TSR348				
JACK SMITH GLASS & S	***1050 DUTTON***	***SE 1/4 - 1/2 (0.389 mi.)***	***Y163***	***560***
Reg Id: 1TSR158				
FRONTIER ELECTRIC	***1599 HAMPTON WAY***	***W 1/4 - 1/2 (0.393 mi.)***	***Z167***	***565***
Reg Id: 1TSO082				
CHANG, KEVIN	***1580 HAMPTON***	***WSW 1/4 - 1/2 (0.425 mi.)***	***AD177***	***583***
Reg Id: 1TSO166				
WOOD, TALMADGE	***1594 HAMPTON***	***W 1/4 - 1/2 (0.428 mi.)***	***Z178***	***586***
Reg Id: 1TSO110				
ALMETCO	***1733 SEBASTOPOL RD***	***WSW 1/4 - 1/2 (0.466 mi.)***	***AD181***	***596***
Reg Id: 1TSO463				
Reg Id: 1B870290NSL				

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 03/18/2019 has revealed that there are 25 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WILSON BAUGH ENTERPR	805 SEBASTOPAL	SE 0 - 1/8 (0.030 mi.)	A13	58
SEBASTOPAL B.P.	760 SEBASTOPAL	ESE 0 - 1/8 (0.078 mi.)	C44	118
YELLOW ROADWAY FREIG	270 DUTTON AVENUE	NE 0 - 1/8 (0.109 mi.)	H68	197
258 DUTTON	258 DUTTON	NE 1/8 - 1/4 (0.156 mi.)	J98	337
SHELL SERVICE STATIO	***255 DUTTON AVENUE***	***ENE 1/4 - 1/2 (0.258 mi.)***	***Q131***	***418***
DZ INC, SHELL BULK P	***257 DUTTON AVENUE***	***ENE 1/4 - 1/2 (0.293 mi.)***	***S138***	***479***
SHELL OIL WHOLSALE P	***257 DUTTON***	***ENE 1/4 - 1/2 (0.293 mi.)***	***S139***	***480***
EXCHANGE BANK DATA C	330 SEBASTOPAL	E 1/4 - 1/2 (0.297 mi.)	T142	508
ALLEFAX	***1 SEBASTOPOL AVENUE***	***E 1/4 - 1/2 (0.479 mi.)***	***AE185***	***607***
GRACE PROPERTY	***802/806 DONAHUE STRE***	***NNE 1/2 - 1 (0.720 mi.)***	***AH199***	***678***
RESIDENCE	1267 CORBY AVE	ESE 1/2 - 1 (0.730 mi.)	AI201	687
RESIDENCE	1267 CORBY AVE	ESE 1/2 - 1 (0.730 mi.)	AI202	687
RESIDENCE	1267 CORBY AVE	ESE 1/2 - 1 (0.730 mi.)	AI203	687
CORREIRA'S AUTOMOTIV	940 NORTH DUTTON AVE	N 1/2 - 1 (0.788 mi.)	204	688

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CANTARUTTI FRAME ALI	***50 MAXWELL***	***N 1/2 - 1 (0.850 mi.)***	***206***	***689***
HIRSCH, PHIL	***230 SOUTH A STREET***	***ENE 1/2 - 1 (0.850 mi.)***	***207***	***691***
GRINDALAND ESTATE	***400 A STREET, SOUTH***	***NE 1/2 - 1 (0.885 mi.)***	***208***	***704***
KAISER SAND AND GRAV	***1060 MAXWELL***	***N 1/2 - 1 (0.947 mi.)***	***209***	***709***
TORVICK INC	***1015 SANTA ROSA AVE***	***E 1/2 - 1 (0.952 mi.)***	***AJ210***	***722***
SONNEN MOTORCARS	***965 SANTA ROSA AVE***	***E 1/2 - 1 (0.968 mi.)***	***AJ211***	***728***
SANTA ROSA CHRYSLER	***955 SANTA ROSA AVE***	***E 1/2 - 1 (0.985 mi.)***	***215***	***741***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MCMINN AVENUE SUPERF	1100 SEBASTOPOL ROAD	SW 1/8 - 1/4 (0.134 mi.)	G87	264
S. S. SKIKOS TRUCKIN	***1289 SEBASTOPOL RD***	***WSW 1/8 - 1/4 (0.223 mi.)***	***O122***	***382***
ANDY BONDI	1834 ROSE AVENUE	SW 1/2 - 1 (0.577 mi.)	AG194	672
ANDY BONDI	1834 ROSE AVENUE	SW 1/2 - 1 (0.577 mi.)	AG195	672

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG AND E GAS PLANT S	S SIDE 1ST NEAR B ST	ENE 1/2 - 1 (0.994 mi.)	AK217	760

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEACON OIL CO GAS ST	921 SEBASTOPOL RD	S 0 - 1/8 (0.019 mi.)	A7	45
0 U R 66 SERVICE GAS	805 SEBASTOPOL RD	SE 0 - 1/8 (0.030 mi.)	A15	60

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LUHRS RICHFIELD SERV	760 SEBASTOPOL RD	ESE 0 - 1/8 (0.078 mi.)	C43	118

Lower Elevation	Address	Direction / Distance	Map ID	Page
SMITTYS SHELL SERV G	1099 SEBASTOPOL RD	SW 0 - 1/8 (0.105 mi.)	G65	184

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 8 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
B S C CLNS	800 SEBASTOPOL RD	SE 0 - 1/8 (0.045 mi.)	A24	74
PAYLESS CLEANERS	761 SEBASTOPOL RD	ESE 0 - 1/8 (0.063 mi.)	C39	116
MONTYS LAUNDERETTE	759 SEBASTOPOL RD	ESE 0 - 1/8 (0.063 mi.)	C40	116
HOLLAND CLEANERS	700 SEBASTOPOL RD	ESE 0 - 1/8 (0.097 mi.)	C57	171
MINI MART DRY CLEANI	651 SEBASTOPOL RD	E 0 - 1/8 (0.101 mi.)	F62	182

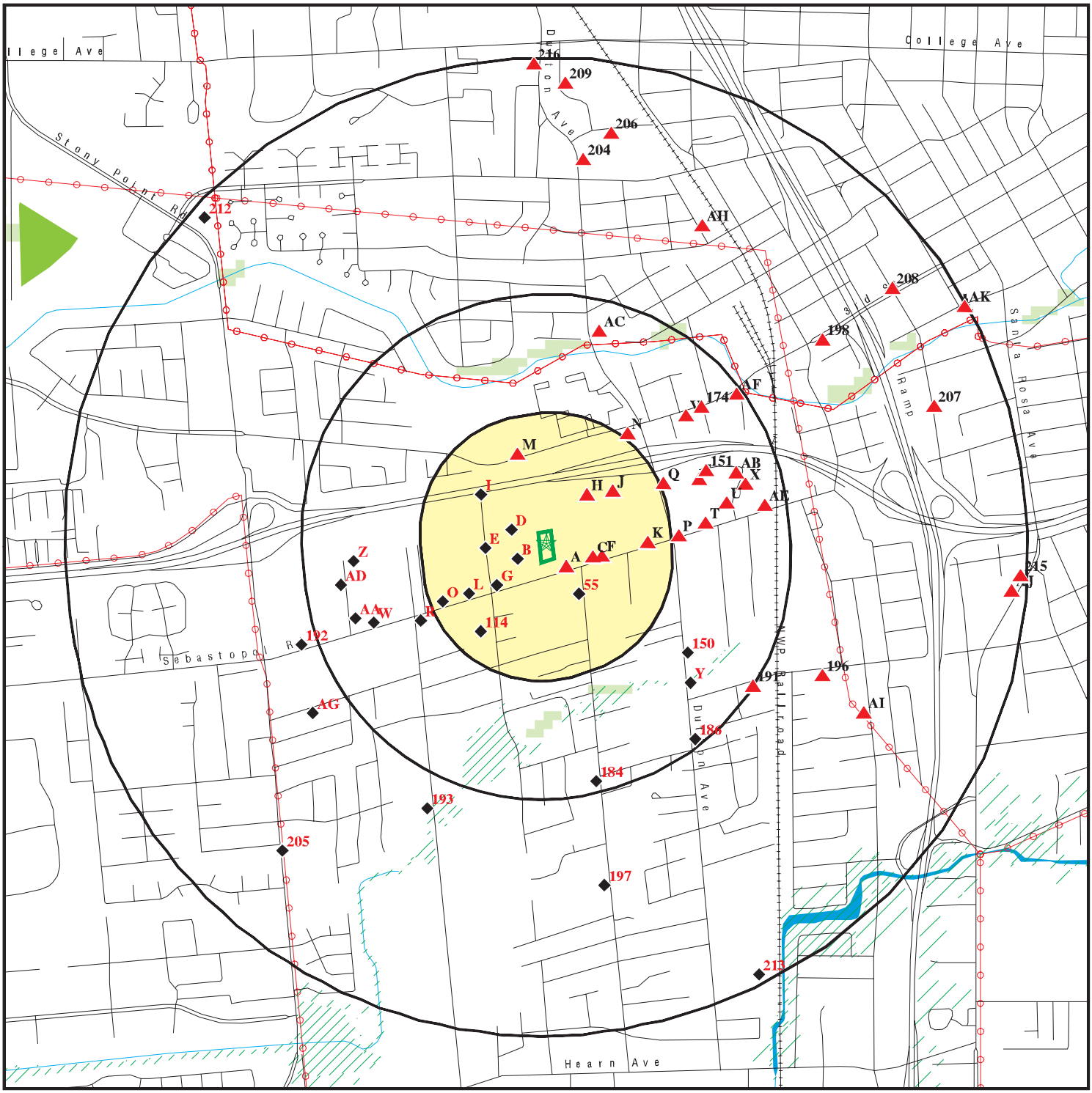
Lower Elevation	Address	Direction / Distance	Map ID	Page
KUNZ COIN LAUNDRY	947 SEBASTOPOL RD	SSW 0 - 1/8 (0.027 mi.)	A11	50
GROSMAN T C CO FL CO	989 SEBASTOPOL RD	SSW 0 - 1/8 (0.047 mi.)	B27	76
ROSELAND LAUNDROMAT	1015 SEBASTOPOL RD	SW 0 - 1/8 (0.073 mi.)	B41	116

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

Site Name	Database(s)
WEST COLLEGE AVENUE / CLOVER DRIVE	CPS-SLIC, Notify 65
MCMINN STATE SUPERFUND SITE	SEMS
EUROCAL AUTO BODY	LUST
SOUTHERN PACIFIC TRANS CO.	LUST
MCMINN AVENUE SUPERFUND AREA	CPS-SLIC

OVERVIEW MAP - 5775903.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- 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:	Boys and Girls Club Sonoma-Marin	CLIENT:	CKG Environmental
ADDRESS:	801 Sebastopol Road Santa Rosa CA 95407	CONTACT:	Chris Kennedy
LAT/LONG:	38.430417 / 122.730236	INQUIRY #:	5775903.2s
		DATE:	September 03, 2019 8:14 pm

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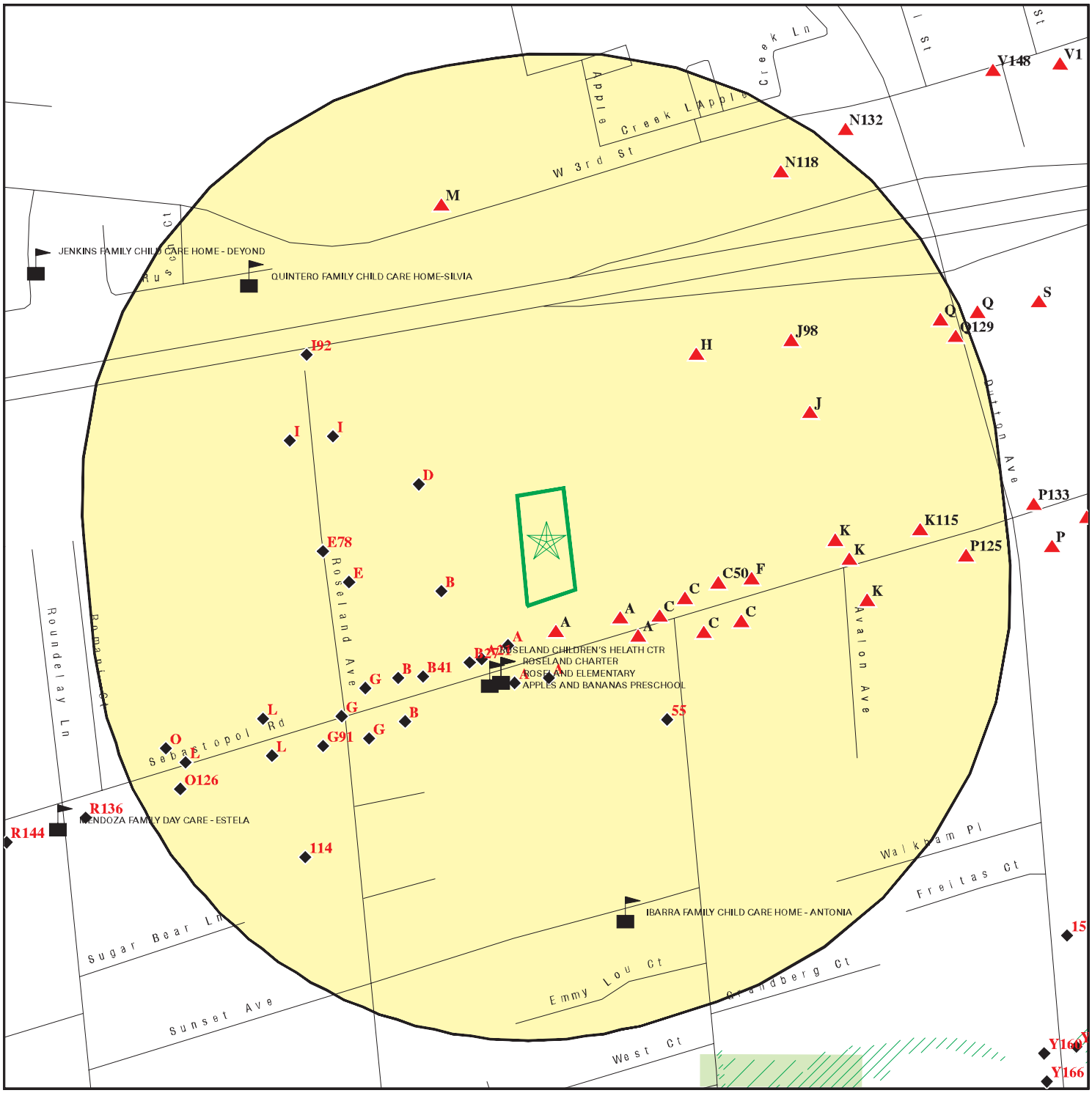
DETAIL MAP - 5775903.2S



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

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

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

SITE NAME:	Boys and Girls Club Sonoma-Marin	CLIENT:	CKG Environmental
ADDRESS:	801 Sebastopol Road Santa Rosa CA 95407	CONTACT:	Chris Kennedy
LAT/LONG:	38.430417 / 122.730236	INQUIRY #:	5775903.2s
		DATE:	September 03, 2019 8:16 pm

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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								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	2	NR	NR	3
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		2	1	1	NR	NR	4
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		2	0	NR	NR	NR	2
RCRA-SQG	0.250		2	2	NR	NR	NR	4
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	1	NR	1
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		1	2	9	11	NR	23
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		12	9	24	NR	NR	45

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		14	6	17	NR	NR	37
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		4	1	NR	NR	NR	5
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	1	NR	NR	1
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	13	NR	NR	13
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		7	3	NR	NR	NR	10
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		12	6	NR	NR	NR	18
HIST UST	0.250		13	13	NR	NR	NR	26
CA FID UST	0.250		9	6	NR	NR	NR	15
CERS TANKS	0.250		2	1	NR	NR	NR	3
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		9	5	NR	NR	NR	14
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	1	0	NR	1
Cortese	0.500		7	3	5	NR	NR	15
CUPA Listings	0.250		8	4	NR	NR	NR	12

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
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		8	7	15	NR	NR	30
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		3	3	5	14	NR	25
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	1	NR	1
EDR Hist Auto	0.125		4	NR	NR	NR	NR	4
EDR Hist Cleaner	0.125		8	NR	NR	NR	NR	8
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	128	73	94	27	0	322

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
South
< 1/8
0.019 mi.
99 ft.

BEACON STATION # 489
921 SEBASTOPOL RD
SANTA ROSA, CA 94501

Site 1 of 27 in cluster A

HIST UST **U001596132**
N/A

Relative:
Higher

Actual:
141 ft.

HIST UST:

Name:	BEACON STATION # 489
Address:	921 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 94501
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000053019
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	PAT WATKINS
Telephone:	2095820241
Owner Name:	HILDA BRESSLER
Owner Address:	1885 FILBERT STREET, APT. 5
Owner City,St,Zip:	SAN FRANCISCO, CA 94123
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1964
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1964
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1964
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

A2
South
< 1/8
0.019 mi.
99 ft.

Relative: Higher

Actual: 141 ft.

BEACON STATION #489
921 SEBASTOPOL RD
SANTA ROSA, CA 95401

Site 2 of 27 in cluster A

CERS HAZ WASTE
SWEEPS UST
CA FID UST
CERS TANKS
CUPA Listings
EMI
CERS

S101595289
N/A

CERS HAZ WASTE:

Name:	ROSELAND GAS MART
Address:	921 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	400911
CERS ID:	10101010
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	BEACON STATION #489
Address:	921 SEBASTOPOL RD
City:	SANTA ROSA
Status:	Not reported
Comp Number:	1541
Number:	Not reported
Board Of Equalization:	44-024660
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-001541-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	2

Name:	BEACON STATION #489
Address:	921 SEBASTOPOL RD
City:	SANTA ROSA
Status:	Not reported
Comp Number:	1541
Number:	Not reported
Board Of Equalization:	44-024660
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-001541-000003
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	BEACON STATION #489
Address:	921 SEBASTOPOL RD

BEACON STATION #489 (Continued) **S101595289**

City:	SANTA ROSA
Status:	Active
Comp Number:	1541
Number:	1
Board Of Equalization:	44-024660
Referral Date:	01-26-93
Action Date:	01-26-93
Created Date:	03-31-89
Owner Tank Id:	1
SWRCB Tank Id:	49-000-001541-000004
Tank Status:	A
Capacity:	12000
Active Date:	04-08-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

Name:	BEACON STATION #489
Address:	921 SEBASTOPOL RD
City:	SANTA ROSA
Status:	Active
Comp Number:	1541
Number:	1
Board Of Equalization:	44-024660
Referral Date:	04-03-92
Action Date:	06-24-94
Created Date:	06-24-94
Owner Tank Id:	1
SWRCB Tank Id:	49-060-001541-000011
Tank Status:	A
Capacity:	12000
Active Date:	04-03-92
Tank Use:	EMPTY
STG:	P
Content:	Not reported
Number Of Tanks:	3

Name:	BEACON STATION #489
Address:	921 SEBASTOPOL RD
City:	SANTA ROSA
Status:	Active
Comp Number:	1541
Number:	1
Board Of Equalization:	44-024660
Referral Date:	04-03-92
Action Date:	06-24-94
Created Date:	06-24-94
Owner Tank Id:	UNKNOWN
SWRCB Tank Id:	49-060-001541-000012
Tank Status:	A
Capacity:	10000
Active Date:	04-03-92
Tank Use:	EMPTY
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

BEACON STATION #489 (Continued) **S101595289**

Name: BEACON STATION #489
Address: 921 SEBASTOPOL RD
City: SANTA ROSA
Status: Active
Comp Number: 1541
Number: 1
Board Of Equalization: 44-024660
Referral Date: 04-03-92
Action Date: 06-24-94
Created Date: 06-24-94
Owner Tank Id: UNKNOWN
SWRCB Tank Id: 49-060-001541-000013
Tank Status: A
Capacity: 10000
Active Date: 04-03-92
Tank Use: EMPTY
STG: P
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 49000464
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075447294
Mail To: Not reported
Mailing Address: 525 W 3RD ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CERS TANKS:
Name: ROSELAND GAS MART
Address: 921 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 400911
CERS ID: 10101010
CERS Description: Underground Storage Tank

CUPA SONOMA:
Name: ROSELAND GAS MART
Add1: 921 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-000145
Permit: Not reported
Type: HMBP
HMBP: Not reported
UST: Not reported

BEACON STATION #489 (Continued) **S101595289**

HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Not reported
CERS ID:	10101010
Experation Date:	04/23/2017

Name:	ROSELAND GAS MART
Add1:	921 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000145
Permit:	Not reported
Type:	Hazardous Waste
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	SQG Recyclable - < 5 galllons/month (non-exempt)
CERS ID:	10101010
Experation Date:	08/30/2020

Name:	ROSELAND GAS MART
Add1:	921 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000145
Permit:	Not reported
Type:	UST
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Permit to Operate - 3 tanks
CERS ID:	10101010
Experation Date:	08/30/2020

EMI:

Name:	ROSELAND GAS MART
Address:	921 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2017
County Code:	49
Air Basin:	SF
Facility ID:	111766
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.249688603
Reactive Organic Gases Tons/Yr:	0.249688603
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported

BEACON STATION #489 (Continued) **S101595289**

SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

CERS:
Name: ROSELAND GAS MART
Address: 921 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 400911
CERS ID: 10101010
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 400911
Site Name: Roseland Gas Mart
Violation Date: 04-20-2016
Citation: Un-Specified
Violation Description: UST Program - Training - For use of Local Ordinance only.
Violation Notes: Returned to compliance on 05/03/2016. Only one employee had current D/O employee training within the last 12 months. Provide Designated Operator (D/O) training to employees.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 400911
Site Name: Roseland Gas Mart
Violation Date: 05-25-2016
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 07/05/2016. The site replaced 6 spill buckets. Provide a copy of the spill bucket testing on or before June 24, 2016.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 400911
Site Name: Roseland Gas Mart
Violation Date: 04-11-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/06/2018. Label hazardous waste drums with all info (ie. EPA ID number, name, address and material stored)
Violation Division: Santa Rosa City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 400911
Site Name: Roseland Gas Mart
Violation Date: 04-20-2016

BEACON STATION #489 (Continued) **S101595289**

Citation:	23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description:	Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes:	Returned to compliance on 04/22/2016. The business UST CERS submittal did not have an accepted site map. Submit a complete site map online at the CERS website.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-23-2015
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 07/16/2015. Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Submit complete HMBP (including UST information) in CERS.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-26-2017
Citation:	23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description:	Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes:	Returned to compliance on 04/26/2017. The 91 octane VMI MLLD failed during testing. The MLLD was replaced with a new VMI MLLD, like for like. The MLLD was tested at 3 GPH @ 10 PSI, passed - slow flow. Properly intall, calibrate, operate and/or maintain leak detection equipment.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-11-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/06/2018. Update federal hazard categories in CERS
Violation Division:	Santa Rosa City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

BEACON STATION #489 (Continued) **S101595289**

Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-26-2017
Citation:	23 CCR 16 2631(g), 2632(c)(2)(A) & (B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2631(g), 2632(c)(2)(A) & (B)
Violation Description:	Failure of the double-walled interstitial space of the tank to be continuously monitored with an audible and visual alarm.
Violation Notes:	Returned to compliance on 04/26/2017. The #2 Diesel annular space sensor failed during testing. A new Veeder Root 420 sensor was installed to replace the failed 420 sensor. The new sensor was testing and passed, alarm only. Continuously monitor the interstitial space of the USTs such that the leak detection equipment activates an audible/visual alarm when a leak is detected.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-20-2016
Citation:	HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description:	Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes:	Returned to compliance on 04/22/2016. The site has not submitted current and correct UST tank and facility information in CERS. Submit correct UST tank/facility information in CERS.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-23-2015
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 05/22/2015.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-23-2014
Citation:	HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Description:	Failure to submit, maintain, or implement an owner/operator written agreement.
Violation Notes:	Returned to compliance on 04/23/2014. COS
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

BEACON STATION #489 (Continued) **S101595289**

Site ID: 400911
Site Name: Roseland Gas Mart
Violation Date: 04-20-2016
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the double wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.
Violation Notes: Returned to compliance on 05/05/2016. The shear valve/float/chain assembly would not shut down the flow of fuel at the 87 octane product in UDC 1/2. It appeared the float is getting hung up or sticking. Make repairs to the shear valve/float/chain assembly at the 87 product in UDC 1/2.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 400911
Site Name: Roseland Gas Mart
Violation Date: 04-26-2017
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes: Returned to compliance on 05/26/2017. All three Bravo floats/chain/shear valves at UDA did not work properly and stop the flow of fuel when liquid was placed in the UDC. The 87 octane and #2 Diesel floats appeared to be stuck in the cup, the technician was able to manipulate the floats and get them to trip the shear valve. Clean up the UDC to prevent future issues with floats. The 91 octane shear valve when tripped did not stop the flow of fuel. Replace the 91 octane shear valve. Continuously monitor double-walled piping with a system that activates an audible and visual alarm or stops flow at dispenser when a leak is detected.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 400911
Site Name: Roseland Gas Mart
Violation Date: 04-20-2016
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: Failure to test the spill bucket annually.
Violation Notes: Returned to compliance on 05/25/2016. All three direct burial fill spill buckets failed the one hour lake testing during the annual monitoring certification. Repair or replace all three fill spill buckets.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 400911
Site Name: Roseland Gas Mart
Violation Date: 04-23-2014

BEACON STATION #489 (Continued) **S101595289**

Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.
Violation Notes:	Returned to compliance on 04/23/2014. COS
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-23-2014
Citation:	23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description:	Failure of pump shut down when a leak is detected or when line leak detector is disconnected.
Violation Notes:	Returned to compliance on 04/23/2014. COS
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-23-2015
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/23/2015.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-23-2015
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes:	Returned to compliance on 04/23/2015.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-23-2014
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local

BEACON STATION #489 (Continued) **S101595289**

	Ordinance only
Violation Notes:	Returned to compliance on 05/22/2016. Submit a business plan on-line through CERS. 5/26/14 submittal incomplete.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-23-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 04/22/2016. HSC 25503 Facility has not completed CERS submittal, so UST forms are not up to date.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	400911
Site Name:	Roseland Gas Mart
Violation Date:	04-11-2018
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 06/06/2018. Update financial responsibility in CERS
Violation Division:	Santa Rosa City Fire Department
Violation Program:	UST
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-11-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-11-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-11-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department

BEACON STATION #489 (Continued) **S101595289**

Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-12-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during the inspection.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-20-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Violation 1 complete CERS submittal within 30 days and submit electronically to County Fire for approval. Violations 2-4 Corrected during inspection, no further action necessary.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST

BEACON STATION #489 (Continued) **S101595289**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-23-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Owner’s son to contact inspector for assistance with completing HMBP and UST information in CERS.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-26-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during the inspection.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-26-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-25-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

BEACON STATION #489 (Continued) **S101595289**

Eval General Type:	Other/Unknown
Eval Date:	09-18-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB 989
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS

Coordinates:

Site ID:	400911
Facility Name:	Roseland Gas Mart
Env Int Type Code:	HMBP
Program ID:	10101010
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	38.429768
Longitude:	-122.730164

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Mr. Kulwant Singh
Entity Title:	Not reported
Affiliation Address:	921 Sebastopol Rd
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 217-3713

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Kulwant Singh
Entity Title:	Not reported
Affiliation Address:	921 Sebastopol Rd
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 544-7294

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Rosa Fire Dept
Entity Title:	Not reported
Affiliation Address:	2373 Circadian Way
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	(707) 543-3500

Affiliation Type Desc:	Document Preparer
Entity Name:	SATNAM SINGH
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

BEACON STATION #489 (Continued) **S101595289**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Quest GeoSystem Management
Entity Title:	Not reported
Affiliation Address:	PO Box 468
Affiliation City:	Oakley
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94561
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Kulwant Singh
Entity Title:	Not reported
Affiliation Address:	921 Sebastopol Rd
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 293-0263
Affiliation Type Desc:	UST Tank Owner
Entity Name:	kulwant singh
Entity Title:	Not reported
Affiliation Address:	921 Sebastopol Rd
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 544-7294
Affiliation Type Desc:	Parent Corporation
Entity Name:	Roseland Gas Mart
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	921 Sebastopol Rd
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Satnam Singh
Entity Title:	Store Manager

BEACON STATION #489 (Continued) **S101595289**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	kulwant singh
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 544-7294
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Kulwant Singh
Entity Title:	Owner/Operator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 544-7291
Affiliation Type Desc:	UST Tank Operator
Entity Name:	kulwant singh
Entity Title:	Not reported
Affiliation Address:	921 SEBASTOPOL RD
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407-6830
Affiliation Phone:	(707) 293-0263

A3 **ROSELAND GAS MART** **RCRA NonGen / NLR** **1024817348**
South **921 SEBASTOPOL RD** **CAL000321249**
< 1/8 **SANTA ROSA, CA 95407**
0.019 mi.
99 ft. **Site 3 of 27 in cluster A**

Relative:
Higher

Actual:
141 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/22/2007
Facility name:	ROSELAND GAS MART
Facility address:	921 SEBASTOPOL RD SANTA ROSA, CA 95407-6830
EPA ID:	CAL000321249
Contact:	SATNAM SINGH
Contact address:	921 SEBASTOPOL RD SANTA ROSA, CA 95407
Contact country:	Not reported
Contact telephone:	707-293-0263
Contact email:	SSWALIA2007@YAHOO.COM
EPA Region:	09
Classification:	Non-Generator

ROSELAND GAS MART (Continued) **1024817348**

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

Owner/Operator Summary:

Owner/operator name:	ROSELAND GAS MART, INC
Owner/operator address:	921 SEBASTOPOL RD SANTA ROSA, CA 95407
Owner/operator country:	Not reported
Owner/operator telephone:	707-293-0263
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SATNAM SINGH
Owner/operator address:	921 SEBASTOPOL RD SANTA ROSA, CA 95407
Owner/operator country:	Not reported
Owner/operator telephone:	707-293-0263
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
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:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

A4 **ROSELAND GAS MART** **UST** **U004050022**
South **921 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.019 mi.
99 ft. **Site 4 of 27 in cluster A**

Relative:
Higher

Actual:
141 ft.

UST:

Name:	SEBASTOPOL GAS MART #279
Address:	921 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000145
Permitting Agency:	SONOMA COUNTY
Latitude:	38.4310225
Longitude:	-122.7288786

Name:	ROSELAND GAS MART
Address:	921 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000145
Permitting Agency:	Santa Rosa City Fire Department
Latitude:	38.429768
Longitude:	-122.730166

A5 **TESORO 67109** **Cortese** **S113119705**
South **921 SEBASTOPOL RD** **HAZNET** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.019 mi.
99 ft. **Site 5 of 27 in cluster A**

Relative:
Higher

Actual:
141 ft.

CORTESE:

Name:	BEACON STATION 489
Address:	921 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95405
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	03/01/1992
Region 2:	1
WID Id:	1B1SO269NUG
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

HAZNET:

Name:	TESORO 67109
Address:	921 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 954076830

TESORO 67109 (Continued) **S113119705**

Year: 2002
GEPAID: CAL000252888
Contact: ROBERT HOOVER
Telephone: 2538968801
Mailing Name: Not reported
Mailing Address: 3450 S 344TH ST STE 100
Mailing City,St,Zip: AUBURN, WA 980015931
Gen County: Sonoma
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Tons: 0.609
CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent
Method: H01-Transfer Station
Facility County: Sonoma

Name: TESORO 67109
Address: 921 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 954076830
Year: 2002
GEPAID: CAL000252888
Contact: ROBERT HOOVER
Telephone: 2538968801
Mailing Name: Not reported
Mailing Address: 3450 S 344TH ST STE 100
Mailing City,St,Zip: AUBURN, WA 980015931
Gen County: Sonoma
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Tons: 0.06
CA Waste Code: 352-Other organic solids
Method: H01-Transfer Station
Facility County: Sonoma

A6 **BEACUV STATON 489** **LUST** **S103676290**
South **921 SEBASTOPOL** **CPS-SLIC** **N/A**
< 1/8 **SANTA ROSA, CA 94501** **HIST UST**
0.019 mi. **Cortese**
99 ft. **Site 6 of 27 in cluster A** **ENF**
HIST CORTESE
Relative: **CERS**
Higher

Actual: **141 ft.**

LUST:
Name: BEACON #489 (FORMER)
Address: 921 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700201
Global Id: T0609700201
Latitude: 38.429863983
Longitude: -122.7300906
Status: Open - Assessment & Interim Remedial Action
Status Date: 06/22/2017
Case Worker: TNM
RB Case Number: 1TSO269
Local Agency: SONOMA COUNTY
File Location: Regional Board
Local Case Number: Not reported

BEACUV STATON 489 (Continued) **S103676290**

Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: One of three sites in a formal commingled plume account. See Sebastopol Road Commingled Plume Group.

LUST:
Global Id: T0609700201
Contact Type: Local Agency Caseworker
Contact Name: ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700201
Contact Type: Regional Board Caseworker
Contact Name: TOM MAGNEY
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: tom.magney@waterboards.ca.gov
Phone Number: 7075762030

LUST:
Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 07/11/2017
Action: Site Visit / Inspection / Sampling

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 11/09/2018
Action: File review

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 08/31/1994
Action: * Historical Enforcement

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 08/05/2009
Action: Staff Letter

Global Id: T0609700201
Action Type: Other
Date: 11/09/1988
Action: Leak Discovery

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 10/07/2011
Action: Staff Letter

Global Id: T0609700201
Action Type: ENFORCEMENT

BEACUV STATON 489 (Continued) **S103676290**

Date: 04/07/2011
Action: Staff Letter

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 02/06/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 07/28/2010
Action: Staff Letter

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 07/18/2003
Action: Clean-up and Abatement Order - #CAO # R1-2003-0010

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 03/23/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700201
Action Type: Other
Date: 11/09/1988
Action: Leak Stopped

Global Id: T0609700201
Action Type: RESPONSE
Date: 07/24/1996
Action: Phase I Assessment Report

Global Id: T0609700201
Action Type: REMEDIATION
Date: 03/01/1993
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 10/18/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 06/16/2017
Action: Email Correspondence

Global Id: T0609700201
Action Type: Other
Date: 11/09/1988
Action: Leak Reported

Global Id: T0609700201
Action Type: RESPONSE
Date: 10/01/2012
Action: Monitoring Report - Quarterly

BEACUV STATON 489 (Continued) **S103676290**

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 04/10/2018
Action: Staff Letter

Global Id: T0609700201
Action Type: ENFORCEMENT
Date: 06/01/2009
Action: Staff Letter

LUST:

Global Id: T0609700201
Status: Open - Case Begin Date
Status Date: 11/09/1988

Global Id: T0609700201
Status: Open - Site Assessment
Status Date: 06/01/1989

Global Id: T0609700201
Status: Open - Site Assessment
Status Date: 03/12/1990

Global Id: T0609700201
Status: Open - Site Assessment
Status Date: 11/26/1990

Global Id: T0609700201
Status: Open - Site Assessment
Status Date: 12/20/1994

Global Id: T0609700201
Status: Open - Remediation
Status Date: 06/02/2009

Global Id: T0609700201
Status: Open - Assessment & Interim Remedial Action
Status Date: 06/22/2017

Global Id: T0609700201
Status: Open - Remediation
Status Date: 06/22/2017

CPS-SLIC:

Name: BEACON #489 (ULTRAMAR) / CO-MINGLED PLUME
Address: 921 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 06/02/2009
Global Id: SL0002012200
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4296898001949
Longitude: -122.730374336243

BEACUV STATON 489 (Continued) **S103676290**

Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	1NSO269
File Location:	Regional Board
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	* Petroleum - Automotive gasolines, * Semi-Volatile Organic Compounds, * Volatile Organic Compounds (VOC)
Site History:	See Sebastopol Road Commingled Plume Group

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

HIST UST:

Name:	BEACUV STATON 489
Address:	921 SEBASTOPOL
City,State,Zip:	SANTA ROSA, CA 94501
File Number:	00021943
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021943.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CORTESE:

Name:	BEACON #489 (FORMER)
Address:	921 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0609700201
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported

BEACUV STATON 489 (Continued) **S103676290**

Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

ENF:

Name:	BEACON STATION 489
Address:	921 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	208993
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42969
Place Longitude:	-122.72935
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported

BEACUV STATON 489 (Continued) **S103676290**

Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221741
Region:	1
Order / Resolution Number:	94-118
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	08/31/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/18/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO269NUG Beacon Station 489
Description:	RELEASE OF FUEL PRODUCTS. REQ REPORT ON HOSIZONTAL & VERTICAL EXTENT OF CONTAMINATION & FNL CLEANUP. Rescinded by Order No. R1-2003-0010.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	BEACON STATION 489
Address:	921 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	208993
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported

BEACUV STATON 489 (Continued) **S103676290**

Place Latitude:	38.42969
Place Longitude:	-122.72935
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221547
Region:	1

BEACUV STATON 489 (Continued) **S103676290**

Order / Resolution Number:	LT941215
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/15/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/15/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO269NUG Beacon Station 489
Description:	REQUESTING SUBMITTAL OF CLARIFICATIONS AS OUTLINED IN THE LETTER.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	BEACON STATION 489
Address:	921 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	208993
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42969
Place Longitude:	-122.72935
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported

BEACUV STATON 489 (Continued) **S103676290**

Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221281
Region:	1
Order / Resolution Number:	LT950419
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/19/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/19/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO269NUG Beacon Station 489
Description:	REQUESTING REPORT AS SOON AS POSSIBLE.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	BEACON STATION 489

BEACUV STATON 489 (Continued) **S103676290**

Address:	921 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	208993
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42969
Place Longitude:	-122.72935
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported

BEACUV STATON 489 (Continued) **S103676290**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221135
Region:	1
Order / Resolution Number:	LT951114
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	11/14/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/14/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO269NUG Beacon Station 489
Description:	REQUESTING SUBMITTAL OF REPORT OF FIELD WORK.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	BEACON STATION 489
Address:	921 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	208993
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42969
Place Longitude:	-122.72935
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported

BEACUV STATON 489 (Continued) **S103676290**

# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221048
Region:	1
Order / Resolution Number:	92-049
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/26/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/31/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO269NUG Beacon Station 489
Description:	CONTAMINED GROUNDWATER IS ENTERING SEWER MAIN. CLEANUP MEASURES OUTLINED IN CAO.
Program:	UST
Latest Milestone Completion Date:	Not reported

BEACUV STATON 489 (Continued) **S103676290**

# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	BEACON STATION 489
Address:	921 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	208993
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42969
Place Longitude:	-122.72935
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported

BEACUV STATON 489 (Continued) **S103676290**

Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219334
Region:	1
Order / Resolution Number:	LT940719
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/15/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/19/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO269NUG Beacon Station 489
Description:	REQUESTING INFORMATION ON ANY DISPUTED ITEMS.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	BEACON #489 (ULTRAMAR)
edr_fadd1:	921 SEBASTOPOL
City,State,Zip:	SANTA ROSA, CA
Region:	CORTESE
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSO269

edr_fname:	BEACON STATION 489
edr_fadd1:	921 SEBASTOPOL
City,State,Zip:	SANTA ROSA, CA
Region:	CORTESE
Facility County Code:	49
Reg By:	WBC&D

BEACUV STATON 489 (Continued) **S103676290**

Reg Id: 1B1SO269NUG

CERS:
Name: BEACON #489 (ULTRAMAR) / CO-MINGLED PLUME
Address: 921 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 224417
CERS ID: SL0002012200
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Name: BEACON STATION 489
Address: 921 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 11389
CERS ID: 208993
CERS Description: Tanks & Ground Water Clean Up

Violations:
Site ID: 11389
Site Name: Beacon Station 489
Violation Date: 03-14-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO ANALYZE QUARTERLY GROUNDWATER SAMPLES FOR LEAD.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 11389
Site Name: Beacon Station 489
Violation Date: 03-14-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO ANALYZE QUARTERLY GROUNDWATER SAMPLES FOR CHLORINATED VOLATILE HYDROCARBONS.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 11389
Site Name: Beacon Station 489
Violation Date: 09-22-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: OBSERVED 1/100" OF FREE PRODUCT IN BPMW6 FLOATING BAILER. BAILER IS CKD WEEKLY & EMPTIED INTO REMEDIATION SYSTEM.

BEACUV STATON 489 (Continued) **S103676290**

Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 11389
Site Name: Beacon Station 489
Violation Date: 03-14-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO REPORT GROUNDWATER ELEVATIONS.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 11389
Site Name: Beacon Station 489
Violation Date: 04-04-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: SIX MONTH DELAY COMPLYING WITH C&A 94-118.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 11389
Site Name: Beacon Station 489
Violation Date: 11-05-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT MONITORING REPORT IN A TIMELY MANNER.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 11389
Site Name: Beacon Station 489
Violation Date: 05-08-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO PROPERLY OPERATE GROUNDWATER REMEDIATION SYSTEM FOR 19 DAYS IN DEC 93 AND 10 DAYS IN SEPT 94.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Evaluation:
Eval General Type: Compliance Followup Inspection
Eval Date: 02-16-1995
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Other/Unknown
Eval Date: 03-20-1995

BEACUV STATON 489 (Continued) **S103676290**

Violations Found: No
Eval Type: Miscellaneous Inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Other/Unknown
Eval Date: 05-08-1995
Violations Found: No
Eval Type: Miscellaneous Inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Other/Unknown
Eval Date: 09-18-1995
Violations Found: No
Eval Type: Miscellaneous Inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-22-1995
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Compliance Followup Inspection
Eval Date: 12-22-1994
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Enforcement Action:
Site ID: 11389
Site Name: Beacon Station 489
Site Address: 921 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 03-26-1992
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

BEACUV STATON 489 (Continued) **S103676290**

Site ID: 11389
Site Name: Beacon Station 489
Site Address: 921 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 04-19-1995
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 11389
Site Name: Beacon Station 489
Site Address: 921 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 08-31-1994
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 11389
Site Name: Beacon Station 489
Site Address: 921 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 11-14-1995
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 11389
Site Name: Beacon Station 489
Site Address: 921 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 12-15-1994
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Name: BEACON #489 (FORMER)
Address: 921 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 237367

BEACUV STATON 489 (Continued) **S103676290**

CERS ID: T0609700201
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762030

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

A7 **BEACON OIL CO GAS ST** **EDR Hist Auto** **1014165162**
South **921 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.019 mi.
99 ft. **Site 7 of 27 in cluster A**

Relative: EDR Hist Auto
Higher

Actual:
141 ft.

Year:	Name:	Type:
1970	JIMS BEACON SERVICE	GASOLINE STATIONS
1973	JIMS BEACON	Gasoline Service Stations
1974	JIMS BEACON	Gasoline Service Stations
1975	JIMS BEACON	Gasoline Service Stations
1976	JIMS BEACON SERVICE	GASOLINE STATIONS
1976	JIMS BEACON	Gasoline Service Stations
1977	JIMS BEACON	Gasoline Service Stations
1987	BEACON OIL CO GAS STA	GASOLINE STATIONS
1990	BEACON OIL CO GAS ST	GASOLINE STATIONS
1995	ULTRAMAR INC	Gasoline Service Stations
1996	ULTRAMAR INC	Gasoline Service Stations
1997	ULTRAMAR INC	Gasoline Service Stations
1998	ULTRAMAR INC	Gasoline Service Stations
1999	ULTRAMAR INC	Gasoline Service Stations
2000	ULTRAMAR INC	Gasoline Service Stations
2001	BEACON OIL CO	Gasoline Service Stations
2001	BEACON SERVICE STN NO 1 489	Gasoline Service Stations
2001	ULTRAMAR INC	Gasoline Service Stations
2002	BEACON OIL CO	Gasoline Service Stations
2002	BEACON SERVICE STATION 3489	Gasoline Service Stations
2002	ULTRAMAR INC	Gasoline Service Stations
2003	BEACON OIL CO	Gasoline Service Stations
2003	DIAMOND SHAMROCK REF & MKTG CO	Gasoline Service Stations
2004	DIAMOND SHAMROCK REF & MKTG CO	Gasoline Service Stations

BEACON OIL CO GAS ST (Continued) **1014165162**

2004	BEACON OIL CO	Gasoline Service Stations
2005	BEACON OIL CO	Gasoline Service Stations
2005	DIAMOND SHAMROCK REF & MKTG CO	Gasoline Service Stations
2007	ROSELAND GAS MART	Gasoline Service Stations
2008	ROSELAND GAS MART	Gasoline Service Stations
2009	ROSELAND GAS MART	Gasoline Service Stations
2010	ROSELAND GAS MART	Gasoline Service Stations
2011	ROSELAND GAS MART	Gasoline Service Stations
2012	ROSELAND GAS MART	Gasoline Service Stations
2013	ROSELAND GAS MART	Gasoline Service Stations
2014	ROSELAND GAS MART	Gasoline Service Stations

A8 **WEST COUNTY TRANSPORTATION** **RCRA NonGen / NLR** **1024865651**
South **933 SEBASTOPOL RD** **CAL000434227**
< 1/8 **SANTA ROSA, CA 94520**
0.022 mi.
114 ft. **Site 8 of 27 in cluster A**

Relative: **Lower**

Actual: **140 ft.**

RCRA NonGen / NLR:

Date form received by agency:	03/15/2018
Facility name:	WEST COUNTY TRANSPORTATION
Facility address:	933 SEBASTOPOL RD SANTA ROSA, CA 94520
EPA ID:	CAL000434227
Mailing address:	367 WEST ROBLES AVE SANTA ROSA, CA 95407
Contact:	SUSAN SCHLOSSER
Contact address:	367 WEST ROBLES AVE SANTA ROSA, CA 95407
Contact country:	Not reported
Contact telephone:	707-206-9988
Contact email:	SSCHLOSSER@SCHOOLINGBOSING.ORG
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SUSAN SCHLOSSER
Owner/operator address:	367 WEST ROBLES AVE SANTA ROSA, CA 95407
Owner/operator country:	Not reported
Owner/operator telephone:	707-206-9988
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	WEST COUNTY TRANSPORTATION
Owner/operator address:	367 WEST ROBLES AVE SANTA ROSA, CA 95407
Owner/operator country:	Not reported
Owner/operator telephone:	707-206-9988
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

WEST COUNTY TRANSPORTATION (Continued) **1024865651**

Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

A9 **WEST COUNTY TRANSPORTATION** **CERS HAZ WASTE** **S123102148**
South **933 SEBASTOPOL RD** **CERS** **N/A**
< 1/8 **SANTA ROSA, CA 94520**
0.022 mi.
114 ft. **Site 9 of 27 in cluster A**

Relative: **Lower**
Actual: **140 ft.**

CERS HAZ WASTE:
Name: WEST COUNTY TRANSPORTATION
Address: 933 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 94520
Site ID: 442921
CERS ID: 10771432
CERS Description: Hazardous Waste Generator

CERS:
Name: WEST COUNTY TRANSPORTATION
Address: 933 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 94520
Site ID: 442921
CERS ID: 10771432
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: George Goobanoff
Entity Title: Not reported
Affiliation Address: 367 West Robles Avenue
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

WEST COUNTY TRANSPORTATION (Continued) **S123102148**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	367 West Robles Avenue
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	West County Transportation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Rosa Fire Dept
Entity Title:	Not reported
Affiliation Address:	2373 Circadian Way
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	(707) 543-3500

Affiliation Type Desc:	Document Preparer
Entity Name:	George Goobanoff
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	West County Transportation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 206-9988

Affiliation Type Desc:	Identification Signer
Entity Name:	George Goobanoff
Entity Title:	E H & S mgr.
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

WEST COUNTY TRANSPORTATION (Continued) **S123102148**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	West County Transportation Agency
Entity Title:	Not reported
Affiliation Address:	367 West Robles Avenue
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 206-9988

A10 **COAST AUTO WRECKING** **ENVIROSTOR** **S101482588**
SSW **949 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.026 mi.
135 ft. **Site 10 of 27 in cluster A**

Relative: **Lower**
Actual: **140 ft.**

ENVIROSTOR:

Name:	COAST AUTO WRECKING
Address:	949 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95401
Facility ID:	49500001
Status:	Refer: RWQCB
Status Date:	10/08/1993
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	10
Senate:	02
Special Program:	* Rural County Survey Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.43032
Longitude:	-122.7307
APN:	125-101-049
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	125-101-049
Alias Type:	APN
Alias Name:	49500001
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

COAST AUTO WRECKING (Continued) **S101482588**

Completed Document Type: * Discovery
Completed Date: 02/18/1988
Comments: FACILITY IDENTIFIED POLK DIR 1958

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/21/1988
Comments: SITE SCREENING DONE POSS ONSITE CONTAM

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

A11
SSW
< 1/8
0.027 mi.
141 ft.

KUNZ COIN LAUNDRY **EDR Hist Cleaner** **1014158587**
947 SEBASTOPOL RD **N/A**
SANTA ROSA, CA 95401

Site 11 of 27 in cluster A

Relative:
Lower

Actual:
140 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1987	KUNZ COIN LAUNDRY	LAUNDRIES-SELF SERVE
1990	KUNZ COIN LAUNDRY	LAUNDRIES-SELF SERVE

A12
SE
< 1/8
0.030 mi.
160 ft.

BAUGH, MS. WILSON **SEMS** **1000707604**
805 SEBASTOPOL RD. **LUST** **CAD983646050**
SANTA ROSA, CA 95407 **SWEEPS UST**
CA FID UST
HIST CORTESE
CERS

Site 12 of 27 in cluster A

Relative:
Higher

Actual:
142 ft.

SEMS:
Site ID: 0904556
EPA ID: CAD983646050
Cong District: 01
FIPS Code: 06097
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:
Region: 09
Site ID: 0904556
EPA ID: CAD983646050
Site Name: BAUGH, MS. WILSON
NPL: N
FF: N

BAUGH, MS. WILSON (Continued) **1000707604**

OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1994-09-28 04:00:00
Finish Date: 9/28/1994 4:00:00 AM
Qual: L
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904556
EPA ID: CAD983646050
Site Name: BAUGH, MS. WILSON
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1993-12-10 05:00:00
Finish Date: 9/28/1994 4:00:00 AM
Qual: L
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904556
EPA ID: CAD983646050
Site Name: BAUGH, MS. WILSON
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1992-06-22 04:00:00
Finish Date: 6/22/1992 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904556
EPA ID: CAD983646050
Site Name: BAUGH, MS. WILSON
NPL: N
FF: N
OU: 00
Action Code: VA
Action Name: OTHR CLEANUP
SEQ: 1
Start Date: 2015-02-10 05:00:00
Finish Date: Not reported
Qual: L
Current Action Lead: St Perf

Region: 09
Site ID: 0904556
EPA ID: CAD983646050

BAUGH, MS. WILSON (Continued) **1000707604**

Site Name: BAUGH, MS. WILSON
NPL: N
FF: N
OU: 00
Action Code: OO
Action Name: SITE REASS
SEQ: 1
Start Date: 2013-07-01 05:00:00
Finish Date: 2/10/2015 5:00:00 AM
Qual: L
Current Action Lead: St Perf

LUST:
Name: BAUGH, WILSON ENTERPRISE
Address: 805 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700174
Global Id: T0609700174
Latitude: 38.4300259859808
Longitude: -122.729258537292
Status: Completed - Case Closed
Status Date: 05/08/2017
Case Worker: ZZZ
RB Case Number: 1TSO231
Local Agency: Not reported
File Location: Regional Board
Local Case Number: 00002466
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: See Sebastopol Road Commingled Plume Group

LUST:
Global Id: T0609700174
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 06/01/2009
Action: Staff Letter

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 01/06/2015
Action: Site Visit / Inspection / Sampling

Global Id: T0609700174
Action Type: ENFORCEMENT

BAUGH, MS. WILSON (Continued) **1000707604**

Date: 11/09/1988
Action: * Historical Enforcement

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 08/05/2009
Action: Staff Letter

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 10/03/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 01/08/2015
Action: Staff Letter

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 02/06/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700174
Action Type: Other
Date: 11/28/1988
Action: Leak Discovery

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 10/07/2011
Action: Staff Letter

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 05/08/2017
Action: Closure/No Further Action Letter

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 11/10/2016
Action: Meeting

Global Id: T0609700174
Action Type: RESPONSE
Date: 04/13/1999
Action: Request for Closure

Global Id: T0609700174
Action Type: RESPONSE
Date: 05/01/2017
Action: Well Destruction Report

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 07/18/2003
Action: Clean-up and Abatement Order - #CAO # R1-2003-0010

BAUGH, MS. WILSON (Continued) **1000707604**

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 07/28/2010
Action: Staff Letter

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 01/25/2016
Action: Staff Letter

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 03/28/2017
Action: Site Visit / Inspection / Sampling

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 03/23/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 01/24/2017
Action: Staff Letter

Global Id: T0609700174
Action Type: Other
Date: 11/28/1988
Action: Leak Stopped

Global Id: T0609700174
Action Type: RESPONSE
Date: 08/01/1996
Action: Phase I Assessment Report

Global Id: T0609700174
Action Type: RESPONSE
Date: 10/30/1995
Action: Soil and Water Investigation Report

Global Id: T0609700174
Action Type: RESPONSE
Date: 03/01/2017
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700174
Action Type: RESPONSE
Date: 08/08/2016
Action: Request for Closure - Regulator Responded

Global Id: T0609700174
Action Type: REMEDIATION
Date: 01/01/2007
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700174
Action Type: REMEDIATION

BAUGH, MS. WILSON (Continued) **1000707604**

Date: 01/01/1988
Action: Excavation

Global Id: T0609700174
Action Type: REMEDIATION
Date: 11/07/2013
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 03/28/2012
Action: File review

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 11/18/2016
Action: Notification - Public Notice of Case Closure

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 09/30/2016
Action: File Review - Closure

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 10/18/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 01/17/2017
Action: Notification - Public Notice of Case Closure

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 02/27/2017
Action: Staff Letter

Global Id: T0609700174
Action Type: ENFORCEMENT
Date: 04/22/2003
Action: Staff Letter

Global Id: T0609700174
Action Type: Other
Date: 11/28/1988
Action: Leak Reported

Global Id: T0609700174
Action Type: RESPONSE
Date: 10/01/2012
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0609700174
Status: Open - Case Begin Date
Status Date: 11/09/1988

BAUGH, MS. WILSON (Continued) **1000707604**

Global Id: T0609700174
Status: Open - Site Assessment
Status Date: 11/28/1988

Global Id: T0609700174
Status: Open - Site Assessment
Status Date: 06/30/1994

Global Id: T0609700174
Status: Open - Site Assessment
Status Date: 07/20/1995

Global Id: T0609700174
Status: Open - Remediation
Status Date: 05/15/2009

Global Id: T0609700174
Status: Open - Remediation
Status Date: 05/15/2009

Global Id: T0609700174
Status: Open - Eligible for Closure
Status Date: 09/30/2016

Global Id: T0609700174
Status: Completed - Case Closed
Status Date: 05/08/2017

LUST REG 1:
Region: 1
Facility ID: 1TSO231
Staff Initials: WTE

SWEEPS UST:
Name: BAUGH, ALBERTA
Address: 805 SEBASTOPOL
City: SANTA ROSA
Status: Active
Comp Number: 2466
Number: 9
Board Of Equalization: 44-028030
Referral Date: Not reported
Action Date: 10-05-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-002466-000001
Tank Status: A
Capacity: 1
Active Date: 10-05-89
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: 3

Name: BAUGH, ALBERTA

BAUGH, MS. WILSON (Continued) **1000707604**

Address: 805 SEBASTOPOL
City: SANTA ROSA
Status: Active
Comp Number: 2466
Number: 9
Board Of Equalization: 44-028030
Referral Date: Not reported
Action Date: 10-05-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-002466-000002
Tank Status: A
Capacity: 1
Active Date: 10-05-89
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Name: BAUGH, ALBERTA
Address: 805 SEBASTOPOL
City: SANTA ROSA
Status: Active
Comp Number: 2466
Number: 9
Board Of Equalization: 44-028030
Referral Date: Not reported
Action Date: 10-05-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-002466-000003
Tank Status: A
Capacity: 1
Active Date: 10-05-89
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 49000460
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 3127 N VALENCIA
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

BAUGH, MS. WILSON (Continued) **1000707604**

HIST CORTESE:
- edr_fname: BAUGH, WILSON ENTERPRISE
- edr_fadd1: 805 SEBASTOPOL
- City,State,Zip: SANTA ROSA, CA
- Region: CORTESE
- Facility County Code: 49
- Reg By: LTNKA
- Reg Id: 1TSO231

CERS:
- Name: BAUGH, WILSON ENTERPRISE
- Address: 805 SEBASTOPOL ROAD
- City,State,Zip: SANTA ROSA, CA 95407
- Site ID: 188884
- CERS ID: T0609700174
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
- Entity Title: Not reported
- Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
- Affiliation City: SANTA ROSA
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: 7075762220

A13 **WILSON BAUGH ENTERPRISES** **Notify 65** **S100179383**
SE **805 SEBASTOPAL** **N/A**
< 1/8 **SANTA ROSA, CA 93582**
0.030 mi.
160 ft. **Site 13 of 27 in cluster A**

Relative: Higher
Actual: 142 ft.

NOTIFY 65:
- Date Reported: Not reported
- Staff Initials: Not reported
- Board File Number: Not reported
- Facility Type: Not reported
- Discharge Date: Not reported
- Issue Date: Not reported
- Incident Description: Not reported

A14 **TEXACO DOWNSTREAM #211309** **RCRA NonGen / NLR** **1024803681**
SE **805 SEBASTOPOL RD** **CAL000254140**
< 1/8 **SANTA ROSA, CA 95407**
0.030 mi.
160 ft. **Site 14 of 27 in cluster A**

Relative: Higher
Actual: 142 ft.

RCRA NonGen / NLR:
- Date form received by agency: 06/19/2002
- Facility name: TEXACO DOWNSTREAM #211309
- Facility address: 805 SEBASTOPOL RD
  SANTA ROSA, CA 95407-6828
- EPA ID: CAL000254140

TEXACO DOWNSTREAM #211309 (Continued) **1024803681**

Mailing address:	PO BOX 6004 SAN RAMON, CA 94583-0000
Contact:	KWAME AWUKU
Contact address:	6001 BOLLINGER CANYON RD. SAN RAMON, CA 94583
Contact country:	Not reported
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:	CHEVRON RESOURCES LLC
Owner/operator address:	PO BOX 6004 SAN RAMON, CA 94583
Owner/operator country:	Not reported
Owner/operator telephone:	877-386-6044
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	KWAME AWUKU
Owner/operator address:	6001 BOLLINGER CANYON RD. SAN RAMON, CA 94583
Owner/operator country:	Not reported
Owner/operator telephone:	877-386-6044
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
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:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

TEXACO DOWNSTREAM #211309 (Continued) **1024803681**

Violation Status: No violations found

A15 **0 U R 66 SERVICE GAS STA** **EDR Hist Auto** **1014159637**
SE **805 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.030 mi.
160 ft. **Site 15 of 27 in cluster A**

Relative: EDR Hist Auto
Higher

Actual: **142 ft.**

Year:	Name:	Type:
1958	RENENGERS FLYING A SERV	GASOLINE STATIONS
1961	JOES FLYING A SERV GAS STA	GASOLINE STATIONS
1965	JOES PING A SERV GAS STA	GASOLINE STATIONS
1970	0 U R 66 SERVICE GAS STA	GASOLINE STATIONS
1976	JIFFY GAS	GASOLINE STATIONS

A16 **LAIDLAW EDUCATION SERVICES** **UST** **U003111782**
SSW **959 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.032 mi.
169 ft. **Site 16 of 27 in cluster A**

Relative: UST:
Lower

Actual: **139 ft.**

Name:	FIRST STUDENT, INC. #20309
Address:	959 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000113
Permitting Agency:	Santa Rosa City Fire Department
Latitude:	37.271881
Longitude:	-119.270233

Name:	LAIDLAW EDUCATION SERVICES
Address:	959 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000113
Permitting Agency:	SONOMA COUNTY
Latitude:	38.4308798
Longitude:	-122.7295238

A17 **LAIDLAW TRANSIT, INC.** **CA FID UST** **S101595285**
SSW **959 SEBASTOPOL** **CUPA Listings** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.032 mi.
169 ft. **Site 17 of 27 in cluster A**

Relative: CA FID UST:
Lower

Actual: **139 ft.**

Facility ID:	49000448
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7075458064
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported

LAIDLAW TRANSIT, INC. (Continued) **S101595285**

Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CUPA SONOMA:

Name: FIRST STUDENT, INC. #20309
Add1: 959 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-000113
Permit: Not reported
Type: Hazardous Waste
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Waste Oil Only > 5 tons/year
CERS ID: 10124602
Experation Date: 03/24/2019

Name: FIRST STUDENT, INC. #20309
Add1: 959 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-000113
Permit: Not reported
Type: HMBP
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Range 2
CERS ID: 10124602
Experation Date: 03/24/2019

Name: FIRST STUDENT, INC. #20309
Add1: 959 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-000113
Permit: Not reported
Type: UST
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Permit to Operate - 1 tank
CERS ID: 10124602
Experation Date: 03/24/2019

A18 **LAIDLAW TRANSIT INC** **LUST** **1000189940**
SSW **959 SEBASTOPOL RD** **SWEEPS UST** **N/A**
< 1/8 **SANTA ROSA, CA 95401** **HIST CORTESE**
0.032 mi. **CERS**
169 ft. **Site 18 of 27 in cluster A**

Relative:
Lower

Actual:
139 ft.

LUST:

Name:	LAIDLAW TRANSPORTATION
Address:	959 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700119
Global Id:	T0609700119
Latitude:	38.4302288318534
Longitude:	-122.730726725795
Status:	Completed - Case Closed
Status Date:	12/20/1995
Case Worker:	ZZZ
RB Case Number:	1TSO151
Local Agency:	SONOMA COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0609700119
Contact Type:	Local Agency Caseworker
Contact Name:	ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name:	SONOMA COUNTY
Address:	625 5th Street
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0609700119
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	craig.hunt@waterboards.ca.gov
Phone Number:	7075762220

LUST:

Global Id:	T0609700119
Action Type:	ENFORCEMENT
Date:	12/20/1995
Action:	Closure/No Further Action Letter

Global Id:	T0609700119
Action Type:	Other
Date:	03/02/1988
Action:	Leak Discovery

Global Id:	T0609700119
Action Type:	Other

LAIDLAW TRANSIT INC (Continued) **1000189940**

Date: 03/02/1988
Action: Leak Stopped

Global Id: T0609700119
Action Type: Other
Date: 03/02/1988
Action: Leak Reported

LUST:
Global Id: T0609700119
Status: Open - Case Begin Date
Status Date: 03/02/1988

Global Id: T0609700119
Status: Open - Site Assessment
Status Date: 03/02/1988

Global Id: T0609700119
Status: Open - Site Assessment
Status Date: 07/19/1988

Global Id: T0609700119
Status: Open - Site Assessment
Status Date: 09/18/1989

Global Id: T0609700119
Status: Open - Remediation
Status Date: 12/19/1995

Global Id: T0609700119
Status: Open - Verification Monitoring
Status Date: 12/19/1995

Global Id: T0609700119
Status: Completed - Case Closed
Status Date: 12/20/1995

SWEEPS UST:
Name: LAIDLAW TRANSIT INC
Address: 959 SEBASTOPOL RD
City: SANTA ROSA
Status: Not reported
Comp Number: 1459
Number: Not reported
Board Of Equalization: 44-010187
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001459-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT

LAIDLAW TRANSIT INC (Continued) **1000189940**

Content: DIESEL
Number Of Tanks: 2

Name: LAIDLAW TRANSIT INC
Address: 959 SEBASTOPOL RD
City: SANTA ROSA
Status: Not reported
Comp Number: 1459
Number: Not reported
Board Of Equalization: 44-010187
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001459-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: LAIDLAW TRANSIT INC
Address: 959 SEBASTOPOL RD
City: SANTA ROSA
Status: Active
Comp Number: 1459
Number: 1
Board Of Equalization: 44-010187
Referral Date: 09-15-93
Action Date: 04-27-94
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001459-000003
Tank Status: A
Capacity: 550
Active Date: 10-03-89
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 2

Name: LAIDLAW TRANSIT INC
Address: 959 SEBASTOPOL RD
City: SANTA ROSA
Status: Active
Comp Number: 1459
Number: 1
Board Of Equalization: 44-010187
Referral Date: 09-15-93
Action Date: 04-27-94
Created Date: 03-31-89
Owner Tank Id: TKHQ44010187
SWRCB Tank Id: 49-000-001459-000011
Tank Status: A
Capacity: 12000

LAIDLAW TRANSIT INC (Continued) **1000189940**

Active Date: 09-15-93
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

HIST CORTESE:
edr_fname: LAIDLAW TRANSPORTATION
edr_fadd1: 959 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95407
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO151

CERS:
Name: LAIDLAW TRANSPORTATION
Address: 959 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 233610
CERS ID: T0609700119
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

A19 **FIRST STUDENT, INC #20309** **HIST UST S113015406**
SSW **959 SEBASTOPOL RD** **HAZNET N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.032 mi.
169 ft. **Site 19 of 27 in cluster A**

Relative: HIST UST:
Lower Name: TRNSP-SANTA ROSA
Actual: Address: 959 SEBASTOPOL ROAD
139 ft. City,State,Zip: SANTA ROSA, CA 95407
File Number: 00021489
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021489.pdf

FIRST STUDENT, INC #20309 (Continued) **S113015406**

Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	FIRST STUDENT, INC #20309
Address:	959 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 954076830
Year:	2016
GEPAID:	CAD982354508
Contact:	MARTHA TERRELL
Telephone:	8655392077
Mailing Name:	Not reported
Mailing Address:	110 PERIMETER PARK RD STE E
Mailing City,St,Zip:	KNOXVILLE, TN 379220000
Gen County:	Sonoma
TSD EPA ID:	CAL000330453
TSD County:	Los Angeles
Tons:	0.1625
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Sonoma

Name:	FIRST STUDENT, INC #20309
Address:	959 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 954076830
Year:	2016
GEPAID:	CAD982354508
Contact:	MARTHA TERRELL
Telephone:	8655392077
Mailing Name:	Not reported
Mailing Address:	110 PERIMETER PARK RD STE E
Mailing City,St,Zip:	KNOXVILLE, TN 379220000
Gen County:	Sonoma
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	2.919
CA Waste Code:	241-Tank bottom waste

FIRST STUDENT, INC #20309 (Continued) **S113015406**

Method:	H039-Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Sonoma
Name:	FIRST STUDENT, INC #20309
Address:	959 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 954076830
Year:	2016
GEPAID:	CAD982354508
Contact:	MARTHA TERRELL
Telephone:	8655392077
Mailing Name:	Not reported
Mailing Address:	110 PERIMETER PARK RD STE E
Mailing City,St,Zip:	KNOXVILLE, TN 379220000
Gen County:	Sonoma
TSD EPA ID:	CA0000084517
TSD County:	Sacramento
Tons:	0.1218
CA Waste Code:	134-Aqueous solution with total organic residues less than 10 percent
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Sonoma
Name:	FIRST STUDENT, INC #20309
Address:	959 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 954076830
Year:	2016
GEPAID:	CAD982354508
Contact:	MARTHA TERRELL
Telephone:	8655392077
Mailing Name:	Not reported
Mailing Address:	110 PERIMETER PARK RD STE E
Mailing City,St,Zip:	KNOXVILLE, TN 379220000
Gen County:	Sonoma
TSD EPA ID:	AZD081705402
TSD County:	99
Tons:	0.33
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Sonoma
Name:	FIRST STUDENT, INC #20309
Address:	959 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 954076830
Year:	2015
GEPAID:	CAD982354508
Contact:	MARTHA TERRELL
Telephone:	8655392077
Mailing Name:	Not reported
Mailing Address:	110 PERIMETER PARK RD STE E
Mailing City,St,Zip:	KNOXVILLE, TN 379220000
Gen County:	Sonoma
TSD EPA ID:	CAD980675276
TSD County:	Kern
Tons:	0.125
CA Waste Code:	352-Other organic solids

FIRST STUDENT, INC #20309 (Continued) **S113015406**

Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Sonoma

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

A20 **TRNSP.-SANTA ROSA** **HIST UST** **U001609584**
SSW **959 SEBASTOPOL RD** **WDS** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.032 mi.
169 ft. **Site 20 of 27 in cluster A**

Relative: **Lower**
Actual: **139 ft.**

HIST UST:

Name:	TRNSP.-SANTA ROSA
Address:	959 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000014181
Facility Type:	Other
Other Type:	BUS TERMINAL
Contact Name:	ROBERT E. JONES
Telephone:	7075458064
Owner Name:	ARA TRANSPORTATION-LEESE
Owner Address:	959 SEBASTOPOL ROAD
Owner City,St,Zip:	SANTA ROSA, CA 95407
Total Tanks:	0003
Tank Num:	001
Container Num:	01
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	02
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	003
Container Num:	03
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

TRNSP.-SANTA ROSA (Continued) **U001609584**

WDS:

Name:	309/SANTA ROSA
Address:	959 SEBASTOPOL RD
City:	SANTA ROSA
Facility ID:	1 49I006367
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:	JERRY MCELROY
Agency Name:	LAIDLAW TRANSIT
Agency Address:	14801 CALIFA ST
Agency City,St,Zip:	VAN NUYS 91411
Agency Contact:	JERRY MCELROY
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	4151
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 thosewho 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.

A21 **OPTICAL COATING LABORATORY INC** **CPS-SLIC** **S105051108**
SSW **977 SEBASTOPOL ROAD** **CERS** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.041 mi.
214 ft. **Site 21 of 27 in cluster A**

Relative:
Lower

Actual:
139 ft.

CPS-SLIC:

Name:	OPTICAL COATING LABORATORY INC
Address:	977 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/14/1994
Global Id:	T0609793282
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4294225186088
Longitude:	-122.731067474869
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	SANTA ROSA, CITY OF
RB Case Number:	1NSR225
File Location:	Regional Board
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

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

SLIC REG 1:

Region:	1
Facility ID:	1NSR225
Staff Initials:	Facility Closed

CERS:

Name:	OPTICAL COATING LABORATORY INC
Address:	977 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	260740
CERS ID:	T0609793282
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title:	Not reported
Affiliation Address:	625 5th Street
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075433500

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA

OPTICAL COATING LABORATORY INC (Continued) **S105051108**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

A22 **ROSELAND SCHOOL WELLS** **SEMS-ARCHIVE** **1003879826**
South **950 SEBASTOPOL ROAD** **CAD983649625**
< 1/8 **SANTA ROSA, CA 95407**
0.043 mi.
229 ft. **Site 22 of 27 in cluster A**

Relative:
Lower

Actual:
140 ft.

SEMS Archive:
Site ID: 0904756
EPA ID: CAD983649625
Cong District: 01
FIPS Code: 06097
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Archive Detail:
Region: 09
Site ID: 0904756
EPA ID: CAD983649625
Site Name: ROSELAND SCHOOL WELLS
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0904756
EPA ID: CAD983649625
Site Name: ROSELAND SCHOOL WELLS
NPL: N
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1993-03-10 05:00:00
Finish Date: 1993-03-10 05:00:00
Qual: V
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904756
EPA ID: CAD983649625
Site Name: ROSELAND SCHOOL WELLS
NPL: N
FF: N
OU: 00

ROSELAND SCHOOL WELLS (Continued) **1003879826**

Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	1993-01-15 05:00:00
Finish Date:	1993-01-18 05:00:00
Qual:	S
Current Action Lead:	EPA Perf

A23 **BSC CLEANERS (FORMER)** **CPS-SLIC S107473135**
SE **800 SEBASTOPOL ROAD** **ENF N/A**
< 1/8 **SANTA ROSA, CA 95407** **CERS**
0.045 mi.
236 ft. **Site 23 of 27 in cluster A**

Relative:
Higher

Actual:
141 ft.

CPS-SLIC:

Name:	BSC CLEANERS
Address:	800 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	06/22/2017
Global Id:	SL0609776502
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4294
Longitude:	-122.7293
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	SONOMA COUNTY LOP
RB Case Number:	1NSR424
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	* Solvents, Tetrachloroethylene (PCE)
Site History:	Best Service Cleaners operated as a dry cleaner at the property from about 1953 to 1961. According to the property owner, since 1961, the site has been operated by several businesses, including A& W Root Beer, a delicatessen, a Chinese restaurant, and since 2002 has been the La Fondita Mexican restaurant. The present building has been remodeled and expanded from its original configuration, but it is likely that the structure used by BSC was razed prior to construction of the present building.

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

ENF:

Name:	BSC CLEANERS (FORMER)
Address:	800 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	741457
Agency Name:	BSC Cleaners (Former)
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1

BSC CLEANERS (FORMER) (Continued) **S107473135**

Place Latitude:	38.42977
Place Longitude:	-122.72895
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	1B1SR424NSL
Reg Measure Id:	368789
Reg Measure Type:	Unregulated
Region:	1
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	10/24/2011
Effective Date:	03/01/1992
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	368791
Region:	1

BSC CLEANERS (FORMER) (Continued) **S107473135**

Order / Resolution Number:	Not reported
Enforcement Action Type:	13267 Letter
Effective Date:	06/23/2009
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - BSC Cleaners (Former) 1NSR424
Description:	Not reported
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CERS:

Name:	BSC CLEANERS
Address:	800 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	253986
CERS ID:	SL0609776502
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762030

A24 **B S C CLNS** **EDR Hist Cleaner** **1014144286**
SE **800 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA**
0.045 mi.
236 ft. **Site 24 of 27 in cluster A**

Relative: EDR Hist Cleaner
Higher

Actual: **141 ft.**

Year:	Name:	Type:
1958	B S C CLNS	CLEANERS AND DYERS
1961	B S C CLNS	CLEANERS AND DYERS

A25
SSW
< 1/8
0.045 mi.
238 ft.

OPTICAL CODING LABORATORIES, INC.
970 SEBASTOPOL RD.
SANTA ROSA, CA 95407

Site 25 of 27 in cluster A

SEMS-ARCHIVE **1003879822**
CAD983654385

Relative:
Lower

Actual:
139 ft.

SEMS Archive:

Site ID:	0904748
EPA ID:	CAD983654385
Cong District:	01
FIPS Code:	06097
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0904748
EPA ID:	CAD983654385
Site Name:	OPTICAL CODING LABORATORIES, INC.
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1994-09-28 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0904748
EPA ID:	CAD983654385
Site Name:	OPTICAL CODING LABORATORIES, INC.
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1994-09-28 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0904748
EPA ID:	CAD983654385
Site Name:	OPTICAL CODING LABORATORIES, INC.
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1994-09-28 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

OPTICAL CODING LABORATORIES, INC. (Continued) **1003879822**

Region:	09
Site ID:	0904748
EPA ID:	CAD983654385
Site Name:	OPTICAL CODING LABORATORIES, INC.
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1992-12-11 05:00:00
Finish Date:	1992-12-11 05:00:00
Qual:	Not reported
Current Action Lead:	St Perf

A26 **BEACON #489 (ULTRAMAR)** **LUST** **S104161958**
South **SEBASTOPOL ROAD 921** **N/A**
< 1/8 **SANTA ROSA, CA**
0.047 mi.
246 ft. **Site 26 of 27 in cluster A**

Relative: LUST REG 1:
Lower

Region:	1
Facility ID:	1TSO269
Staff Initials:	WTE

Actual:
140 ft.

B27 **GROSMAN T C CO FL COVERINGS** **EDR Hist Cleaner** **1014147214**
SSW **989 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA**
0.047 mi.
247 ft. **Site 1 of 10 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual:
139 ft.

Year:	Name:	Type:
1958	GROSMAN T C CO FL COVERINGS	CARPET AND RUG CLEANERS

B28 **BEVAN INVESTMENTS** **LUST** **S104163179**
WSW **995 SEBASTOPOL ROAD** **HIST CORTESE** **N/A**
< 1/8 **SANTA ROSA, CA 95407** **CERS**
0.048 mi.
256 ft. **Site 2 of 10 in cluster B**

Relative: LUST:
Lower

Name:	BEVAN INVESTMENTS
Address:	995 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700206
Global Id:	T0609700206
Latitude:	38.4299251304094
Longitude:	-122.731651067734
Status:	Completed - Case Closed

Actual:
139 ft.

BEVAN INVESTMENTS (Continued) **S104163179**

Status Date: 11/15/2012
Case Worker: ZZZ
RB Case Number: 1TSO276
Local Agency: SONOMA COUNTY
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply, Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Problem Description In June 1989, the Santa Rosa Fire Department reported petroleum discharges discovered during the removal of two 1000-gallon diesel and gasoline underground storage tanks (USTs). Analysis of soil samples showed the presence of Total Petroleum Hydrocarbons measured as gasoline (TPH-g) and as diesel (TPH-d) at 670 milligrams per kilogram (mg/Kg) and 730 mg/Kg respectively. Actions Completed Between June 1990 and October 2011, the Discharger installed at least thirteen exploratory borings fifteen groundwater monitoring and/or extraction wells to define the horizontal and vertical extent petroleum impacts, and to monitor contaminant levels in groundwater. In November 1990, the Discharger excavated and removed approximately 875 cubic yards of petroleum impacted soil. Between July 2007 and May 2008, the Discharger removed approximately 110 pounds of petroleum hydrocarbons by extracting and treating petroleum-impacted groundwater and soil vapor prior to disposal under regulatory permits. In June 2011, the Discharger excavated and removed approximately 1200 cubic yards of petroleum-impacted soil.

LUST:
Global Id: T0609700206
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

BEVAN INVESTMENTS (Continued) **S104163179**

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/31/2010
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 03/15/2002
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 05/06/1999
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 06/19/2000
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 03/06/2001
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 12/08/2009
Action: File review

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 03/09/2009
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700206
Action Type: RESPONSE
Date: 03/11/2009
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609700206
Action Type: RESPONSE

BEVAN INVESTMENTS (Continued) **S104163179**

Date: 06/06/2001
Action: Soil and Water Investigation Report

Global Id: T0609700206
Action Type: RESPONSE
Date: 08/06/1999
Action: CAP/RAP - Feasibility Study Report

Global Id: T0609700206
Action Type: RESPONSE
Date: 12/28/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 12/15/2009
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 04/20/2010
Action: Staff Letter

Global Id: T0609700206
Action Type: Other
Date: 01/01/1964
Action: Leak Began

Global Id: T0609700206
Action Type: Other
Date: 06/22/1989
Action: Leak Discovery

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/25/2000
Action: Soil and Water Investigation Workplan

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 10/05/2006
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 01/05/2005
Action: File review

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 07/16/2004
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/20/2005
Action: Other Workplan

BEVAN INVESTMENTS (Continued) **S104163179**

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2011
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 03/30/2006
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 06/30/2005
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 09/05/2011
Action: Soil and Water Investigation Report

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2012
Action: Soil and Water Investigation Report

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 05/09/2011
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 04/05/2011
Action: Staff Letter

Global Id: T0609700206
Action Type: Other
Date: 06/22/1989
Action: Leak Stopped

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE

BEVAN INVESTMENTS (Continued) **S104163179**

Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/31/2012
Action: Monitoring Report - Other

Global Id: T0609700206
Action Type: RESPONSE
Date: 08/27/2012
Action: Correspondence

Global Id: T0609700206
Action Type: REMEDIATION
Date: 06/12/1989
Action: Excavation

Global Id: T0609700206
Action Type: REMEDIATION
Date: 07/20/2007
Action: Soil Vapor Extraction (SVE)

Global Id: T0609700206
Action Type: REMEDIATION
Date: 11/01/1990
Action: Excavation

Global Id: T0609700206
Action Type: REMEDIATION
Date: 06/20/2011
Action: Excavation

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 02/28/2012
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 10/01/2012
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

BEVAN INVESTMENTS (Continued) **S104163179**

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/15/2006
Action: Other Report / Document

Global Id: T0609700206
Action Type: RESPONSE
Date: 11/30/2005
Action: Other Report / Document

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 09/30/2012
Action: Well Destruction Workplan

Global Id: T0609700206
Action Type: RESPONSE
Date: 12/31/2012
Action: Well Destruction Report

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 08/08/2005
Action: Staff Letter

Global Id: T0609700206
Action Type: Other
Date: 06/22/1989
Action: Leak Reported

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 05/31/2006
Action: Other Workplan

Global Id: T0609700206
Action Type: ENFORCEMENT

BEVAN INVESTMENTS (Continued) **S104163179**

Date: 07/01/2006
Action: Verbal Enforcement

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 12/09/2008
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 12/09/2008
Action: 13267 Monitoring Program

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 11/28/2012
Action: Rescission of Enforcement Action

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 11/15/2012
Action: Closure/No Further Action Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 07/31/2012
Action: File Review - Closure

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2007
Action: Well Installation Report

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 11/16/2009
Action: CAP/RAP - Other Report

BEVAN INVESTMENTS (Continued) **S104163179**

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 05/18/2009
Action: Staff Letter

Global Id: T0609700206
Action Type: ENFORCEMENT
Date: 08/10/2012
Action: Staff Letter

Global Id: T0609700206
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700206
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0609700206
Status: Open - Case Begin Date
Status Date: 06/22/1989

Global Id: T0609700206
Status: Open - Remediation
Status Date: 06/22/1989

Global Id: T0609700206
Status: Open - Site Assessment
Status Date: 06/22/1989

Global Id: T0609700206
Status: Open - Site Assessment
Status Date: 01/22/1990

Global Id: T0609700206
Status: Open - Site Assessment
Status Date: 03/28/1990

Global Id: T0609700206
Status: Open - Remediation
Status Date: 11/10/1999

Global Id: T0609700206
Status: Open - Site Assessment
Status Date: 11/30/2000

Global Id: T0609700206
Status: Open - Site Assessment
Status Date: 04/27/2001

BEVAN INVESTMENTS (Continued) **S104163179**

Global Id: T0609700206
Status: Open - Remediation
Status Date: 07/20/2007

Global Id: T0609700206
Status: Open - Verification Monitoring
Status Date: 03/30/2008

Global Id: T0609700206
Status: Open - Remediation
Status Date: 04/07/2011

Global Id: T0609700206
Status: Open - Site Assessment
Status Date: 04/07/2011

Global Id: T0609700206
Status: Open - Eligible for Closure
Status Date: 02/28/2012

Global Id: T0609700206
Status: Open - Verification Monitoring
Status Date: 02/28/2012

Global Id: T0609700206
Status: Completed - Case Closed
Status Date: 11/15/2012

LUST REG 1:
Region: 1
Facility ID: 1TSO276
Staff Initials: WTE

HIST CORTESE:
edr_fname: BEVAN INVESTMENT
edr_fadd1: 995 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO276

edr_fname: MAYFLOWER TRANSIT COMPANY
edr_fadd1: 995 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA
Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SO276NUG

CERS:
Name: MAYFLOWER TRANSIT COMPANY
Address: 995 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 320731

BEVAN INVESTMENTS (Continued) **S104163179**

CERS ID: 239897
CERS Description: Tanks & Ground Water Clean Up

Violations:
Site ID: 320731
Site Name: Mayflower Transit Company
Violation Date: 11-05-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT MONITORING REPORT IN A TIMELY MANNER.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Enforcement Action:
Site ID: 320731
Site Name: Mayflower Transit Company
Site Address: 995 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 01-23-1996
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 320731
Site Name: Mayflower Transit Company
Site Address: 995 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 02-11-1993
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 320731
Site Name: Mayflower Transit Company
Site Address: 995 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 05-13-1996
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 320731
Site Name: Mayflower Transit Company
Site Address: 995 SEBASTOPOL

BEVAN INVESTMENTS (Continued) **S104163179**

Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 07-15-1996
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 320731
Site Name: Mayflower Transit Company
Site Address: 995 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 09-04-1996
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 320731
Site Name: Mayflower Transit Company
Site Address: 995 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 09-27-1993
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 320731
Site Name: Mayflower Transit Company
Site Address: 995 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 11-17-1994
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 320731
Site Name: Mayflower Transit Company
Site Address: 995 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 12-16-1993
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order

BEVAN INVESTMENTS (Continued) **S104163179**

Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Name: BEVAN INVESTMENTS
Address: 995 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 207963
CERS ID: T0609700206
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

B29 **BEVAN PEARSON MOVING & ST** **SWEEPS UST** **S101595290**
WSW **995 SEBASTOPOL** **CA FID UST** **N/A**
< 1/8 **SANTA ROSA, CA 95407** **Cortese**
0.048 mi. **ENF**
256 ft. **Site 3 of 10 in cluster B**

Relative: **Lower**
Actual: **139 ft.**

SWEEPS UST:
Name: BEVAN PEARSON MOVING & ST
Address: 995 SEBASTOPOL
City: SANTA ROSA
Status: Active
Comp Number: 1925
Number: 9
Board Of Equalization: 44-027925
Referral Date: Not reported
Action Date: 10-04-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001925-000001
Tank Status: A
Capacity: 1000
Active Date: 10-04-89
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 2

Name: BEVAN PEARSON MOVING & ST
Address: 995 SEBASTOPOL
City: SANTA ROSA
Status: Active
Comp Number: 1925
Number: 9

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

Board Of Equalization: 44-027925
Referral Date: Not reported
Action Date: 10-04-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001925-000002
Tank Status: A
Capacity: 1000
Active Date: 10-04-89
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 49000466
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075452556
Mail To: Not reported
Mailing Address: 2033 ELEANOR DR
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: MAYFLOWER TRANSIT COMPANY
Address: 995 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95404
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: 02/01/1993
Region 2: 1
WID Id: 1B1SO276NUG
Solid Waste Id No: Not reported

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name:	MAYFLOWER TRANSIT COMPANY
Address:	995 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	239897
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42999
Place Longitude:	-122.73135
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219763
Region:	1
Order / Resolution Number:	LT960513
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	05/13/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/13/1996
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO276NUG Mayflower Transit Company
Description:	REQUESTING SUBMITTAL OF WORKPLAN TO FURTHER DEFINE THE EXTENT OF CONTAMINATION.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	MAYFLOWER TRANSIT COMPANY
Address:	995 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	239897
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42999
Place Longitude:	-122.73135
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219747
Region:	1
Order / Resolution Number:	LT960715
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/15/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/15/1996
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

Status:	Historical
Title:	Enforcement - 1B1SO276NUG Mayflower Transit Company
Description:	REQUESTING SUBMITTAL OF CLARIFICATIONS.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	MAYFLOWER TRANSIT COMPANY
Address:	995 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	239897
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42999
Place Longitude:	-122.73135
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221638
Region:	1
Order / Resolution Number:	LT941117
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	11/17/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/17/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO276NUG Mayflower Transit Company
Description:	REQUESTING ACKNOWLEDGEMENT OF INTENT TO RECOVER COSTS.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	MAYFLOWER TRANSIT COMPANY
Address:	995 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	239897
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

# Of Agencies:	Not reported
Place Latitude:	38.42999
Place Longitude:	-122.73135
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221133

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

Region:	1
Order / Resolution Number:	LT960123
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	01/23/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/23/1996
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO276NUG Mayflower Transit Company
Description:	REQUESTING SUBMITTAL OF WORKPLAN DEFINING THE EXTENT OF CONTAMINATION.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	MAYFLOWER TRANSIT COMPANY
Address:	995 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	239897
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42999
Place Longitude:	-122.73135
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220833
Region:	1
Order / Resolution Number:	LT930211
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/11/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/11/1993
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO276NUG Mayflower Transit Company
Description:	REQUESTING SUBMITTAL OF INFORMATION AS OUTLINED IN PRIOR LETTER.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

Name:	MAYFLOWER TRANSIT COMPANY
Address:	995 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	239897
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42999
Place Longitude:	-122.73135
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219638
Region:	1
Order / Resolution Number:	LT960904
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	09/04/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/04/1996
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO276NUG Mayflower Transit Company
Description:	REQUESTING NOTIFICATION PRIOR TO DRILLING.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	MAYFLOWER TRANSIT COMPANY
Address:	995 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	239897
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42999
Place Longitude:	-122.73135
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220614
Region:	1
Order / Resolution Number:	LT930927
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	09/27/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/27/1993
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO276NUG Mayflower Transit Company
Description:	REQUESTING SUBMITTAL OF CLARIFICATION AS OUTLINED IN THE LETTER.
Program:	UST

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	MAYFLOWER TRANSIT COMPANY
Address:	995 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	239897
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42999
Place Longitude:	-122.73135
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported

BEVAN PEARSON MOVING & ST (Continued) **S101595290**

Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220505
Region:	1
Order / Resolution Number:	93-124
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	12/16/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/28/2012
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO276NUG Mayflower Transit Company
Description:	GW CONTAMINATION AT SITE HAS ADVERSELY AFFECTED BENEFICIAL USES. CAO ISSUED TO CLEANUP GW & SOIL.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

B30 **BEVAN-PEARSON MOVING AND STORAGE** **HIST UST** **U001609163**
WSW **995 SEBASTOPOL ROAD** **N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.048 mi.
256 ft. **Site 4 of 10 in cluster B**

Relative: HIST UST:
Lower

Name:	BEVAN-PEARSON MOVING AND STORAGE
Address:	995 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
File Number:	000214BF
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000214BF.pdf
Region:	STATE
Facility ID:	00000050394

Actual:
139 ft.

BEVAN-PEARSON MOVING AND STORAGE (Continued) **U001609163**

Facility Type:	Other
Other Type:	MOVING/STORAGE
Contact Name:	E. ASIVIDO
Telephone:	7075452556
Owner Name:	BEVAN-PEARSON MOVING & STORAGE
Owner Address:	995 SEBASTOPOL ROAD
Owner City,St,Zip:	SANTA ROSA, CA 95401
Total Tanks:	0002
Tank Num:	001
Container Num:	A-1
Year Installed:	1979
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	10
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	B-2
Year Installed:	1972
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	10
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

C31 **DOLLAR TREE #02162** **RCRA NonGen / NLR** **1024839765**
SE **777 SEBASTOPOL RD** **CAL000388055**
< 1/8 **SANTA ROSA, CA 95407**
0.051 mi.
267 ft. **Site 1 of 19 in cluster C**

Relative:
Higher

Actual:
142 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/02/2013
Facility name:	DOLLAR TREE #02162
Facility address:	777 SEBASTOPOL RD SANTA ROSA, CA 95407
EPA ID:	CAL000388055
Mailing address:	500 VOLVO PKWY CHESAPEAKE, VA 23320-1604
Contact:	ANGELA JONES
Contact address:	500 VOLVO PKWY CHESAPEAKE, VA 23320-1604
Contact country:	Not reported
Contact telephone:	757-321-5761
Contact email:	AJONES@DOLLARTREE.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DOLLAR TREE STORES, INC.
Owner/operator address:	500 VOLVO PKWY CHESAPEAKE, VA 23320

DOLLAR TREE #02162 (Continued) **1024839765**

Owner/operator country: Not reported
Owner/operator telephone: 757-321-5000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ANGELA JONES
Owner/operator address: 500 VOLVO PKWY
CHESAPEAKE, VA 23320
Owner/operator country: Not reported
Owner/operator telephone: 757-321-5761
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
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: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

C32 **DOLLAR TREE #02162** **CERS HAZ WASTE** **S113929606**
SE **777 SEBASTOPOL RD** **CUPA Listings** **N/A**
< 1/8 **SANTA ROSA, CA 95407** **HAZNET**
0.051 mi. **CERS**
267 ft. **Site 2 of 19 in cluster C**

Relative: Higher
Actual: 142 ft.

CERS HAZ WASTE:
Name: DOLLAR TREE #02162
Address: 777 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 112066
CERS ID: 10454149
CERS Description: Hazardous Waste Generator

CUPA SONOMA:
Name: DOLLAR TREE #02162

DOLLAR TREE #02162 (Continued) **S113929606**

Add1:	777 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-008156
Permit:	Not reported
Type:	Hazardous Waste
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	SQG < 325 gallons/year
CERS ID:	10454149
Experation Date:	10/03/2020

Name:	DOLLAR TREE #02162
Add1:	777 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-008156
Permit:	Not reported
Type:	HMBP
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Range 3
CERS ID:	10454149
Experation Date:	10/03/2020

HAZNET:

Name:	DOLLAR TREE #02162
Address:	777 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2017
GEPAID:	CAL000388055
Contact:	ANGELA JONES
Telephone:	7573215761
Mailing Name:	Not reported
Mailing Address:	500 VOLVO PKWY
Mailing City,St,Zip:	CHESAPEAKE, VA 233201604
Gen County:	Sonoma
TSD EPA ID:	CAD980884183
TSD County:	Sacramento
Tons:	0.004
CA Waste Code:	214-Unspecified solvent mixture
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Sonoma

Name:	DOLLAR TREE #02162
Address:	777 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2017
GEPAID:	CAL000388055
Contact:	ANGELA JONES

DOLLAR TREE #02162 (Continued) **S113929606**

Telephone: 7573215761
Mailing Name: Not reported
Mailing Address: 500 VOLVO PKWY
Mailing City,St,Zip: CHESAPEAKE, VA 233201604
Gen County: Sonoma
TSD EPA ID: CAD980884183
TSD County: Sacramento
Tons: 0.014
CA Waste Code: 122-Alkaline solution without metals pH >= 12.5
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

Name: DOLLAR TREE #02162
Address: 777 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Year: 2017
GEPAID: CAL000388055
Contact: ANGELA JONES
Telephone: 7573215761
Mailing Name: Not reported
Mailing Address: 500 VOLVO PKWY
Mailing City,St,Zip: CHESAPEAKE, VA 233201604
Gen County: Sonoma
TSD EPA ID: CAD980884183
TSD County: Sacramento
Tons: 0.0005
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

Name: DOLLAR TREE #02162
Address: 777 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Year: 2017
GEPAID: CAL000388055
Contact: ANGELA JONES
Telephone: 7573215761
Mailing Name: Not reported
Mailing Address: 500 VOLVO PKWY
Mailing City,St,Zip: CHESAPEAKE, VA 233201604
Gen County: Sonoma
TSD EPA ID: CAD980884183
TSD County: Sacramento
Tons: 0.0165
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

Name: DOLLAR TREE #02162
Address: 777 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Year: 2016
GEPAID: CAL000388055
Contact: ANGELA JONES

DOLLAR TREE #02162 (Continued) **S113929606**

Telephone: 7573215761
Mailing Name: Not reported
Mailing Address: 500 VOLVO PKWY
Mailing City,St,Zip: CHESAPEAKE, VA 233201604
Gen County: Sonoma
TSD EPA ID: CAD980884183
TSD County: Sacramento
Tons: 0.0205
CA Waste Code: 214-Unspecified solvent mixture
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

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

CERS:
Name: DOLLAR TREE #02162
Address: 777 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 112066
CERS ID: 10454149
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 112066
Site Name: Dollar Tree #02162
Violation Date: 05-16-2018
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 05/16/2018.
Violation Division: Santa Rosa City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

DOLLAR TREE #02162 (Continued) **S113929606**

Eval Division: Santa Rosa City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 112066
Facility Name: Dollar Tree #02162
Env Int Type Code: HWG
Program ID: 10454149
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 38.429900
Longitude: -122.728600

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Rosa Fire Dept
Entity Title: Not reported
Affiliation Address: 2373 Circadian Way
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95407
Affiliation Phone: (707) 543-3500

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 500 Volvo Pkwy
Affiliation City: Chesapeake
Affiliation State: VA
Affiliation Country: Not reported
Affiliation Zip: 23320
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Angela Jones
Entity Title: EH & S Specialist

DOLLAR TREE #02162 (Continued) **S113929606**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Dollar Tree Stores, Inc.
Entity Title:	Not reported
Affiliation Address:	500 Volvo Pkwy
Affiliation City:	Chesapeake
Affiliation State:	VA
Affiliation Country:	United States
Affiliation Zip:	23320
Affiliation Phone:	(757) 321-5000
Affiliation Type Desc:	Operator
Entity Name:	Dollar Tree Stores, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(757) 321-5000
Affiliation Type Desc:	Property Owner
Entity Name:	Sonoma County Community Development Commission
Entity Title:	Not reported
Affiliation Address:	1440 Guerneville Road
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 565-7500
Affiliation Type Desc:	Document Preparer
Entity Name:	Angela Jones
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Stephanie Caiati
Entity Title:	Not reported
Affiliation Address:	500 Volvo Pkwy
Affiliation City:	Chesapeake
Affiliation State:	VA
Affiliation Country:	Not reported
Affiliation Zip:	23320
Affiliation Phone:	Not reported

DOLLAR TREE #02162 (Continued) **S113929606**

Affiliation Type Desc:	Parent Corporation
Entity Name:	Dollar Tree Stores, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A33 **LAIDLAW TRANSPORTATION** **LUST** **S101304991**
SSW **SEBASTOPOL ROAD 959** **N/A**
< 1/8 **SANTA ROSA, CA**
0.053 mi.
282 ft. **Site 27 of 27 in cluster A**

Relative: **Lower**
Actual: **139 ft.**

LUST REG 1:

Region:	1
Facility ID:	1TSO151
Staff Initials:	Closed

C34 **SEBASTOPOL RD @ WEST AVENUE - HVOC PLUME** **CPS-SLIC** **S103866798**
ESE **SEBASTOPOL ROAD** **NON-CASE INFO** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.057 mi.
299 ft. **Site 3 of 19 in cluster C**

Relative: **Higher**
Actual: **142 ft.**

SLIC REG 1:

Region:	1
Facility ID:	1NSR349
Staff Initials:	SKB

NON-CASE INFO:

Name:	SEBASTOPOL RD @ WEST AVENUE - HVOC PLUME
Address:	SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Global ID:	T0609793446
Case Type:	Non-Case Information
Status:	Informational Item
Status Date:	03/28/2018
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Worker:	TNM
Local Agency:	SONOMA COUNTY
RB Case Number:	1NSR349
Loc Case Number:	Not reported
File Location:	Regional Board
Potential Contaminants of Concern:	* Solvents
Potential Media Affected:	Well used for drinking water supply
Site History:	This entry in Geotracker is not an actual Cleanup Program site, but rather a tool used historically as part of evaluating groundwater contamination in the area. Several sites are located within this area and are addressed as seperate case numbers. Oversight of groundwater contamination in this area is now through the individual site cases. However, this Geotracker entry includes some historic documents under the site documents tab.

SEBASTOPOL RD @ WEST AVENUE - HVOC PLUME (Continued) **S103866798**

Begin Date:	1999-01-21 00:00:00
How Discovered:	Other Means
How Discovered Description:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
Latitude:	38.4297801502786
Longitude:	-122.728925943374
Geotracker:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609793446

D35 **ART'S TOWING** **CUPA Listings** **S112444745**
WNW **512 ROSELAND AVE** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.057 mi.
300 ft. **Site 1 of 2 in cluster D**

Relative: **Lower**

Actual: **140 ft.**

CUPA SONOMA:

Name:	ART'S TOWING
Add1:	512 ROSELAND AVE
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-005756
Permit:	Not reported
Type:	HMBP
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Range 2
CERS ID:	10107622
Experation Date:	12/05/2020

Name:	ART'S TOWING
Add1:	512 ROSELAND AVE
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-005756
Permit:	Not reported
Type:	Hazardous Waste
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	SQG > 325 gallons/year to < 5 tons/year w/o source reduction/recycle
CERS ID:	10107622
Experation Date:	12/05/2020

D36 WNW < 1/8 0.057 mi. 300 ft. **STEPHEN YOUNG DBA ART'S TOWING**
512 ROSELAND AVE
SANTA ROSA, CA 95407
Site 2 of 2 in cluster D

RCRA NonGen / NLR **1024805390** **CAL000263419**

Relative: Lower

Actual: 140 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/10/2002
Facility name:	STEPHEN YOUNG DBA ART'S TOWING
Facility address:	512 ROSELAND AVE SANTA ROSA, CA 95407
EPA ID:	CAL000263419
Contact:	STEVE YOUNG
Contact address:	512 ROSELAND AVE SANTA ROSA, CA 95407
Contact country:	Not reported
Contact telephone:	707-544-2449
Contact email:	ARTSTOWPODEPT@YAHOO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	STEVE YOUNG
Owner/operator address:	512 ROSELAND AVE SANTA ROSA, CA 95407
Owner/operator country:	Not reported
Owner/operator telephone:	707-544-2449
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	STEVE YOUNG
Owner/operator address:	512 ROSELAND AVE SANTA ROSA, CA 95407
Owner/operator country:	Not reported
Owner/operator telephone:	707-544-2449
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

STEPHEN YOUNG DBA ART'S TOWING (Continued) **1024805390**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

C37 **FORMER ROSELAND CLEANERS** **RCRA-LQG** **1009398360**
ESE **761 SEBASTOPOL RD** **CAR000173815**
< 1/8 **SANTA ROSA, CA 95407**
0.063 mi.
333 ft. **Site 4 of 19 in cluster C**

Relative:
Higher

Actual:
143 ft.

RCRA-LQG:

Date form received by agency:	05/16/2006
Facility name:	FORMER ROSELAND CLEANERS
Facility address:	761 SEBASTOPOL RD SANTA ROSA, CA 95407
EPA ID:	CAR000173815
Mailing address:	125 W PECK ST LAKE ELSINORE, CA 92530
Contact:	CHERYL L MARTIN
Contact address:	125 W PECK ST LAKE ELSINORE, CA 92530
Contact country:	US
Contact telephone:	916-851-0174
Contact email:	CMARTIN@APEXENVIROTECH.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:	JAMES T BAUGH
Owner/operator address:	125 W PECK ST LAKE ELSINORE, CA 92530
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/10/2002
Owner/Op end date:	Not reported

FORMER ROSELAND CLEANERS (Continued) **1009398360**

Owner/operator name:	JAMES T BAUGH
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	11/10/2002
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

. Waste code:	F002
. Waste name:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Violation Status:	No violations found

C38 **ROSELAND CLEANERS** **CPS-SLIC S106487422**
ESE **761 SEBASTOPOL ROAD** **CERS N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.063 mi.
333 ft. **Site 5 of 19 in cluster C**

Relative: **Higher**

Actual: **143 ft.**

CPS-SLIC:

Name:	ROSELAND CLEANERS
Address:	761 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	06/06/2018

ROSELAND CLEANERS (Continued) **S106487422**

Global Id:	SL0609779635
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.431357488258
Longitude:	-122.728893756867
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	Not reported
RB Case Number:	1NSR403
File Location:	Regional Board
Potential Media Affected:	Well used for drinking water supply
Potential Contaminants of Concern:	Tetrachloroethylene (PCE), Trichloroethylene (TCE), MTBE / TBA / Other Fuel Oxygenates
Site History:	The site was the former Hill/Roseland/Payless Cleaners at 761 Sebastopol Road from approximately 1965 through 1971. The facility performed onsite dry cleaning in the western part of the building, and Monty's Launderette occupied the eastern half (at least through 1977). The site was located in an almost 7-acre neighborhood shopping center parcel. The dry cleaner/launderette building was demolished in 2009, and four other buildings on this parcel were demolished in late 2014 to early 2015, leaving only one large commercial structure. The site is paved. A gasoline station was investigated and remediated for fuel releases on the same parcel, and the case was closed in 2017 (Geotracker ID T0609700174). A release of PCE from the former dry cleaning facility was discovered in 2002 during a sanitary sewer assessment and underground utility survey. Several soil, soil gas, and groundwater investigations were conducted at the site since 2002. These have included installation of groundwater monitoring wells, borings, and completion of a sensitive receptor survey. Limited soil excavation was completed after removal of the former dry cleaner building in 2009, and additional source area soil excavation was done in 2015.

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

CERS:

Name:	ROSELAND CLEANERS
Address:	761 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	232065
CERS ID:	SL0609779635
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762030

C39 **PAYLESS CLEANERS** **EDR Hist Cleaner** **1014143226**
ESE **761 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.063 mi.
333 ft. **Site 6 of 19 in cluster C**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
143 ft. 1970 PAYLESS CLEANERS CLEANERS AND DYERS

C40 **MONTYS LAUNDERETTE** **EDR Hist Cleaner** **1014147465**
ESE **759 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA**
0.063 mi.
335 ft. **Site 7 of 19 in cluster C**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
143 ft. 1961 MONTYS LAUNDERETTE LAUNDRIES-SELF SERVE
1965 MONTYS LAUNDERA LAUNDRIES-SELF SERVE
1970 MONTYS LAUNDERETTE LAUNDRIES-SELF SERVE
1976 LAUNDERETTE SELF SERV LAUNDRIES-SELF SERVE
1987 LAUNDERETTE SELF SERV LAUNDRIES-SELF SERVE
1990 LAUNDERETTE SELF SERV LAUNDRIES-SELF SERVE

B41 **ROSELAND LAUNDROMAT** **EDR Hist Cleaner** **1014159062**
SW **1015 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA**
0.073 mi.
383 ft. **Site 5 of 10 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
138 ft. 1953 ROSELAND LAUNDROMAT & DRY LAUNDRIES-SELF SERVE
1958 ROSELAND LAUNDROMAT & DRY LAUNDRIES-SELF SERVICE
1961 ROSELAND LAUNDROMAT LAUNDRIES-SELF SERVE

C42 **DE LEON SVC STN AND AUTO RPR** **RCRA-SQG** **1000819594**
ESE **760 SEBASTOPOL RD** **FINDS** **CAD983655861**
< 1/8 **SANTA ROSA, CA 95407** **ECHO**
0.078 mi.
410 ft. **Site 8 of 19 in cluster C**

Relative: RCRA-SQG:
Higher
Date form received by agency: 12/29/1993
Actual: Facility name: DE LEON SVC STN AND AUTO RPR
143 ft. Facility address: 760 SEBASTOPOL RD
SANTA ROSA, CA 95407
EPA ID: CAD983655861
Mailing address: SEBASTOPOL RD
SANTA ROSA, CA 95407
Contact: CECILE DE LEON
Contact address: 760 SEBASTOPOL RD
SANTA ROSA, CA 95407

DE LEON SVC STN AND AUTO RPR (Continued) **1000819594**

Contact country: US
Contact telephone: 707-577-7977
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: TITO DE LEON SR AND LILIOSA DE LEON
Owner/operator address: 760 SEBASTOPOL RD
SANTA ROSA, CA 95407
Owner/operator country: Not reported
Owner/operator telephone: 707-577-7977
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

FINDS:

Registry ID: 110002889928

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.

DE LEON SVC STN AND AUTO RPR (Continued) **1000819594**

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

ECHO:

Envid:	1000819594
Registry ID:	110002889928
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002889928

C43 **LUHRS RICHFIELD SERV GAS STA** **EDR Hist Auto** **1014180472**
ESE **760 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA**
0.078 mi.
410 ft. **Site 9 of 19 in cluster C**

Relative: EDR Hist Auto
Higher

Actual:
143 ft.

Year:	Name:	Type:
1958	DON & J CS RICHFIELD	GASOLINE STATIONS
1961	LUHRS RICHFIELD SERV GAS STA	GASOLINE STATIONS
1965	ROSELAND RICHFIELD SERV GAS STE	GASOLINE STATIONS
1970	REDS RICHFIELD SERVICE	GASOLINE STATIONS
1976	THRIFTY SQUIRREL SERVICE STATIO	GASOLINE STATIONS
1987	JERRYS SERVICE GAS STA	GASOLINE STATIONS
1989	ROSELAND MOBIL SERVICE STATION	Gasoline Service Stations, NEC
1990	ROSELAND MOBILE SERVICE STATION	GASOLINE STATIONS
1991	ROSELAND MOBIL SERVICE STATION	Gasoline Service Stations, NEC
1992	ROSELAND MOBIL SERVICE STATION	Gasoline Service Stations, NEC
1992	DE LEON ENTRPRISE	Gasoline Service Stations
1993	DE LEON ENTERPRISES	Gasoline Service Stations, NEC
1994	DE LEON ENTERPRISES	Gasoline Service Stations, NEC
1995	DE LEON ENTERPRISES	Gasoline Service Stations, NEC
1997	TECH AUTOMOTIVE	General Automotive Repair Shops

C44 **SEBASTOPAL B.P.** **Notify 65** **S100179311**
ESE **760 SEBASTOPAL** **N/A**
< 1/8 **SANTA ROSA, CA 93582**
0.078 mi.
410 ft. **Site 10 of 19 in cluster C**

Relative: NOTIFY 65:
Higher

Actual:
143 ft.

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

C45 **BP / REDWOOD OIL #110** **LUST** **S101304990**
ESE **760 SEBASTOPOL ROAD** **CPS-SLIC** **N/A**
< 1/8 **SANTA ROSA, CA 95401** **Cortese**
0.078 mi. **EMI**
410 ft. **Site 11 of 19 in cluster C** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
143 ft.

LUST:

Name:	BP / REDWOOD OIL #110
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700191
Global Id:	T0609700191
Latitude:	38.4296415748677
Longitude:	-122.72853898525
Status:	Open - Assessment & Interim Remedial Action
Status Date:	06/22/2017
Case Worker:	TNM
RB Case Number:	1TSO254
Local Agency:	SONOMA COUNTY LOP
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Well used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	One of three sites sin a formal commingled plume account.

LUST:

Global Id:	T0609700191
Contact Type:	Regional Board Caseworker
Contact Name:	TOM MAGNEY
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	tom.magney@waterboards.ca.gov
Phone Number:	7075762030

LUST:

Global Id:	T0609700191
Action Type:	ENFORCEMENT
Date:	06/01/2009
Action:	Staff Letter
Global Id:	T0609700191
Action Type:	ENFORCEMENT
Date:	06/01/2009
Action:	Staff Letter
Global Id:	T0609700191
Action Type:	ENFORCEMENT
Date:	11/19/2013
Action:	Waste Discharge Requirements - #R1-2006-0107
Global Id:	T0609700191
Action Type:	ENFORCEMENT
Date:	10/03/2014
Action:	Technical Correspondence / Assistance / Other

BP / REDWOOD OIL #110 (Continued) **S101304990**

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 02/16/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 06/15/2017
Action: Email Correspondence

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 07/03/2018
Action: Email Correspondence

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 04/10/2018
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 04/24/2019
Action: Email Correspondence

Global Id: T0609700191
Action Type: RESPONSE
Date: 05/26/2009
Action: Monitoring Report - Annually

Global Id: T0609700191
Action Type: RESPONSE
Date: 06/19/2009
Action: Pilot Study/ Treatability Report

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 04/01/1992
Action: * Historical Enforcement

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 11/08/2002
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 08/14/2001
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 12/16/2002
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT

BP / REDWOOD OIL #110 (Continued) **S101304990**

Date: 08/05/2009
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 06/23/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 03/09/2009
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700191
Action Type: RESPONSE
Date: 08/30/2014
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/30/2016
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 06/18/2008
Action: Other Report / Document

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 08/01/2002
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 06/10/2003
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 08/27/2001
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 01/22/2003
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 04/22/2003
Action: Staff Letter

BP / REDWOOD OIL #110 (Continued) **S101304990**

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 07/22/2003
Action: Clean-up and Abatement Order - #CAO # R1-2003-0010

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 10/08/2009
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 03/16/2010
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 02/06/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 09/29/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: Other
Date: 04/03/1989
Action: Leak Discovery

Global Id: T0609700191
Action Type: RESPONSE
Date: 01/12/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/01/2002
Action: Soil and Water Investigation Report

Global Id: T0609700191
Action Type: RESPONSE
Date: 12/28/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 02/21/2003
Action: Other Report / Document

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/15/2003
Action: Remedial Progress Report

Global Id: T0609700191
Action Type: RESPONSE

BP / REDWOOD OIL #110 (Continued) **S101304990**

Date:	11/01/2001
Action:	Soil and Water Investigation Workplan
Global Id:	T0609700191
Action Type:	RESPONSE
Date:	08/25/2003
Action:	Soil and Water Investigation Report
Global Id:	T0609700191
Action Type:	RESPONSE
Date:	09/25/2003
Action:	Risk Assessment Report
Global Id:	T0609700191
Action Type:	RESPONSE
Date:	09/30/2016
Action:	Other Report / Document
Global Id:	T0609700191
Action Type:	RESPONSE
Date:	01/30/2012
Action:	Monitoring Report - Annually
Global Id:	T0609700191
Action Type:	RESPONSE
Date:	01/30/2013
Action:	Monitoring Report - Annually
Global Id:	T0609700191
Action Type:	RESPONSE
Date:	01/30/2014
Action:	Monitoring Report - Annually
Global Id:	T0609700191
Action Type:	RESPONSE
Date:	01/30/2015
Action:	Monitoring Report - Annually
Global Id:	T0609700191
Action Type:	RESPONSE
Date:	01/30/2016
Action:	Monitoring Report - Annually
Global Id:	T0609700191
Action Type:	RESPONSE
Date:	04/30/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0609700191
Action Type:	RESPONSE
Date:	07/30/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0609700191
Action Type:	RESPONSE
Date:	10/30/2009
Action:	Monitoring Report - Quarterly

BP / REDWOOD OIL #110 (Continued) **S101304990**

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 10/07/2013
Action: Site Visit / Inspection / Sampling

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 08/04/2011
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 02/16/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 07/28/2010
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 08/25/2003
Action: Soil and Water Investigation Workplan

Global Id: T0609700191
Action Type: RESPONSE
Date: 09/25/2003
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700191
Action Type: RESPONSE
Date: 09/25/2003
Action: Other Report / Document

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/26/2015
Action: NPDES / WDR Reports

Global Id: T0609700191
Action Type: RESPONSE
Date: 03/30/2008
Action: Sensitive Receptor Survey Report

Global Id: T0609700191
Action Type: RESPONSE
Date: 09/01/2011
Action: Correspondence

Global Id: T0609700191
Action Type: RESPONSE

BP / REDWOOD OIL #110 (Continued) **S101304990**

Date: 01/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 01/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 01/30/2013
Action: Monitoring Report - Quarterly

BP / REDWOOD OIL #110 (Continued) **S101304990**

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 01/30/2014
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/30/2014
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/30/2014
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/30/2014
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 01/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE

BP / REDWOOD OIL #110 (Continued) **S101304990**

Date: 01/30/2016
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 11/17/2003
Action: * No Action

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 07/15/2004
Action: * No Action

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 06/22/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 04/27/2004
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 03/17/2006
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 03/17/2006
Action: * No Action

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 04/07/2011
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 07/28/2010
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 10/07/2011
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 04/28/2017
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 03/23/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

BP / REDWOOD OIL #110 (Continued) **S101304990**

Global Id: T0609700191
Action Type: RESPONSE
Date: 05/31/2011
Action: Monitoring Report - Annually

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/17/2019
Action: Site Investigation

Global Id: T0609700191
Action Type: RESPONSE
Date: 06/30/2019
Action: Conceptual Site Model

Global Id: T0609700191
Action Type: RESPONSE
Date: 02/11/2019
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 05/30/2017
Action: Monitoring Report - Annually

Global Id: T0609700191
Action Type: RESPONSE
Date: 01/30/2018
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 08/01/2017
Action: Sensitive Receptor Survey Report

Global Id: T0609700191
Action Type: RESPONSE
Date: 08/01/2017
Action: Remedial Progress Report

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 07/18/2003
Action: Clean-up and Abatement Order - #CAO # R1-2003-0010

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 04/07/2011
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 08/05/2009
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT

BP / REDWOOD OIL #110 (Continued) **S101304990**

Date: 01/17/2017
Action: Notification - Public Notice of Case Closure

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 03/22/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 03/23/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 09/30/2016
Action: File Review - Closure

Global Id: T0609700191
Action Type: Other
Date: 04/03/1989
Action: Leak Stopped

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/30/2016
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/30/2016
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 01/30/2017
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/30/2017
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/30/2017
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/30/2017
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 01/30/2018
Action: Monitoring Report - Quarterly

BP / REDWOOD OIL #110 (Continued) **S101304990**

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/30/2018
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/30/2018
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/24/1996
Action: Phase I Assessment Report

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/24/1996
Action: Phase I Assessment Report

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/05/2019
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700191
Action Type: RESPONSE
Date: 07/30/2015
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/04/2010
Action: Other Report / Document - Regulator Responded

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/30/2010
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0609700191
Action Type: RESPONSE
Date: 05/07/2006
Action: Well Installation Workplan - Regulator Responded

Global Id: T0609700191
Action Type: RESPONSE
Date: 06/27/2006
Action: Other Report / Document - Regulator Responded

Global Id: T0609700191
Action Type: RESPONSE
Date: 08/04/2015
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0609700191
Action Type: RESPONSE

BP / REDWOOD OIL #110 (Continued) **S101304990**

Date: 06/15/2018
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/01/2017
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0609700191
Action Type: RESPONSE
Date: 01/30/2018
Action: Other Workplan - Regulator Responded

Global Id: T0609700191
Action Type: RESPONSE
Date: 08/01/2017
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0609700191
Action Type: RESPONSE
Date: 08/08/2016
Action: Request for Closure - Regulator Responded

Global Id: T0609700191
Action Type: REMEDIATION
Date: 04/10/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0609700191
Action Type: REMEDIATION
Date: 04/10/2000
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700191
Action Type: REMEDIATION
Date: 02/12/2002
Action: Soil Vapor Extraction (SVE)

Global Id: T0609700191
Action Type: REMEDIATION
Date: 11/07/2013
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700191
Action Type: REMEDIATION
Date: 08/01/1998
Action: Excavation

Global Id: T0609700191
Action Type: REMEDIATION
Date: 12/01/1989
Action: Excavation

Global Id: T0609700191
Action Type: REMEDIATION
Date: 04/01/1990
Action: Excavation

BP / REDWOOD OIL #110 (Continued) **S101304990**

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 01/26/2017
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 11/18/2016
Action: Notification - Public Notice of Case Closure

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 07/10/2006
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 02/21/2017
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 10/18/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 10/17/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 10/18/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 10/27/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700191
Action Type: RESPONSE
Date: 02/03/2006
Action: Other Report / Document

Global Id: T0609700191
Action Type: RESPONSE
Date: 08/29/2005
Action: Other Report / Document

Global Id: T0609700191
Action Type: RESPONSE
Date: 06/09/2004
Action: Other Report / Document

Global Id: T0609700191
Action Type: RESPONSE

BP / REDWOOD OIL #110 (Continued) **S101304990**

Date: 04/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: RESPONSE
Date: 05/30/2012
Action: Monitoring Report - Annually

Global Id: T0609700191
Action Type: RESPONSE
Date: 05/30/2013
Action: Monitoring Report - Annually

Global Id: T0609700191
Action Type: RESPONSE
Date: 05/30/2014
Action: Monitoring Report - Annually

Global Id: T0609700191
Action Type: RESPONSE
Date: 01/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 10/16/2002
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 04/24/2006
Action: * No Action

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 05/03/2006
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 09/16/2003
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 05/09/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 01/05/2017
Action: Meeting

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 09/13/2017
Action: Email Correspondence

BP / REDWOOD OIL #110 (Continued) **S101304990**

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 06/16/2017
Action: Email Correspondence

Global Id: T0609700191
Action Type: Other
Date: 04/03/1989
Action: Leak Reported

Global Id: T0609700191
Action Type: RESPONSE
Date: 03/24/2013
Action: Other Report / Document

Global Id: T0609700191
Action Type: RESPONSE
Date: 06/30/2011
Action: Well Installation Report

Global Id: T0609700191
Action Type: RESPONSE
Date: 10/01/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 07/16/2013
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 02/22/2013
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700191
Action Type: RESPONSE
Date: 12/05/2013
Action: Other Report / Document

Global Id: T0609700191
Action Type: RESPONSE
Date: 04/08/2013
Action: CAP/RAP - Other Report

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 05/30/2008
Action: Annual Estimation Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 09/26/2008
Action: Waste Discharge Requirements - #WDR R1-2006-0107

Global Id: T0609700191
Action Type: ENFORCEMENT

BP / REDWOOD OIL #110 (Continued) **S101304990**

Date: 06/27/2008
Action: Staff Letter

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 11/05/2013
Action: Site Visit / Inspection / Sampling

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 08/09/2018
Action: Email Correspondence

Global Id: T0609700191
Action Type: ENFORCEMENT
Date: 09/08/2017
Action: Email Correspondence

Global Id: T0609700191
Action Type: RESPONSE
Date: 09/25/2003
Action: Sensitive Receptor Survey Report

Global Id: T0609700191
Action Type: RESPONSE
Date: 05/30/2015
Action: Monitoring Report - Annually

Global Id: T0609700191
Action Type: RESPONSE
Date: 05/30/2016
Action: Monitoring Report - Annually

LUST:
Global Id: T0609700191
Status: Open - Case Begin Date
Status Date: 04/03/1989

Global Id: T0609700191
Status: Open - Site Assessment
Status Date: 04/03/1989

Global Id: T0609700191
Status: Open - Site Assessment
Status Date: 05/18/1989

Global Id: T0609700191
Status: Open - Site Assessment
Status Date: 07/24/1989

Global Id: T0609700191
Status: Open - Site Assessment
Status Date: 06/22/1994

Global Id: T0609700191
Status: Open - Site Assessment
Status Date: 06/02/2009

BP / REDWOOD OIL #110 (Continued) **S101304990**

Global Id: T0609700191
Status: Open - Assessment & Interim Remedial Action
Status Date: 10/25/2013

Global Id: T0609700191
Status: Open - Remediation
Status Date: 12/31/2013

Global Id: T0609700191
Status: Open - Remediation
Status Date: 09/26/2016

Global Id: T0609700191
Status: Open - Assessment & Interim Remedial Action
Status Date: 06/22/2017

Global Id: T0609700191
Status: Open - Remediation
Status Date: 06/22/2017

LUST REG 1:
Region: 1
Facility ID: 1TSO254
Staff Initials: WTE

CPS-SLIC:
Name: BP / REDWOOD OIL #110
Address: 760 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 04/02/2012
Global Id: SL609792528
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4296057535038
Longitude: -122.728593349457
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1NSO254
File Location: Regional Board
Potential Media Affected: Not reported
Potential Contaminants of Concern: * Petroleum - Automotive gasolines
Site History: See Sebastopol Road Commingled Plume Group.

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

CORTESE:
Name: BP / REDWOOD OIL #110
Address: 760 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0609700191

BP / REDWOOD OIL #110 (Continued) **S101304990**

Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	REDWOOD OIL C/O DELTA ENVIRONM
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA
Year:	2002
County Code:	49
Air Basin:	SF
Facility ID:	12613
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	REDWOOD OIL C/O DELTA ENVIRONM
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA
Year:	2003
County Code:	49
Air Basin:	SF
Facility ID:	12613
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	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

BP / REDWOOD OIL #110 (Continued) **S101304990**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: REDWOOD OIL C/O DELTA ENVIRONM
Address: 760 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA
Year: 2004
County Code: 49
Air Basin: SF
Facility ID: 12613
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: REDWOOD OIL C/O DELTA ENVIRONM
Address: 760 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA
Year: 2005
County Code: 49
Air Basin: SF
Facility ID: 12613
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .127
Reactive Organic Gases Tons/Yr: .0887222
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: REDWOOD OIL C/O RDM ENVIRONMEN
Address: 760 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA
Year: 2006
County Code: 49
Air Basin: SF
Facility ID: 12613
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .127
Reactive Organic Gases Tons/Yr: .0887222

BP / REDWOOD OIL #110 (Continued) **S101304990**

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: REDWOOD OIL C/O RDM ENVIRONMEN
Address: 760 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA
Year: 2007
County Code: 49
Air Basin: SF
Facility ID: 12613
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .127
Reactive Organic Gases Tons/Yr: .0887222
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: REDWOOD OIL C/O RDM ENVIRONMEN
Address: 760 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Year: 2008
County Code: 49
Air Basin: SF
Facility ID: 12613
Air District Name: BA
SIC Code: 4953
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .127
Reactive Organic Gases Tons/Yr: .0887222
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HIST CORTESE:
edr_fname: BP/REDWOOD OIL 110
edr_fadd1: 760 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95401
Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SO254NUG

edr_fname: BP / REDWOOD OIL #110
edr_fadd1: 760 SEBASTOPOL

BP / REDWOOD OIL #110 (Continued) **S101304990**

City,State,Zip: SANTA ROSA, CA 95401
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO254

CERS:
Name: BP/REDWOOD OIL 110
Address: 760 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 262449
CERS ID: 210193
CERS Description: Tanks & Ground Water Clean Up

Enforcement Action:
Site ID: 262449
Site Name: BP/Redwood Oil 110
Site Address: 760 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 02-15-1996
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 262449
Site Name: BP/Redwood Oil 110
Site Address: 760 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 03-08-1990
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 262449
Site Name: BP/Redwood Oil 110
Site Address: 760 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 04-01-1992
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 262449
Site Name: BP/Redwood Oil 110
Site Address: 760 SEBASTOPOL

BP / REDWOOD OIL #110 (Continued) **S101304990**

Site City:	SANTA ROSA
Site Zip:	95407
Enf Action Date:	06-22-1994
Enf Action Type:	Staff Enforcement Letter (Informal)
Enf Action Description:	Staff Enforcement Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UST
Enf Action Source:	CIWQS

Site ID:	262449
Site Name:	BP/Redwood Oil 110
Site Address:	760 SEBASTOPOL
Site City:	SANTA ROSA
Site Zip:	95407
Enf Action Date:	09-03-1993
Enf Action Type:	Staff Enforcement Letter (Informal)
Enf Action Description:	Staff Enforcement Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UST
Enf Action Source:	CIWQS

Site ID:	262449
Site Name:	BP/Redwood Oil 110
Site Address:	760 SEBASTOPOL
Site City:	SANTA ROSA
Site Zip:	95407
Enf Action Date:	09-20-1994
Enf Action Type:	Staff Enforcement Letter (Informal)
Enf Action Description:	Staff Enforcement Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UST
Enf Action Source:	CIWQS

Site ID:	262449
Site Name:	BP/Redwood Oil 110
Site Address:	760 SEBASTOPOL
Site City:	SANTA ROSA
Site Zip:	95407
Enf Action Date:	10-27-1994
Enf Action Type:	Staff Enforcement Letter (Informal)
Enf Action Description:	Staff Enforcement Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UST
Enf Action Source:	CIWQS

Site ID:	262449
Site Name:	BP/Redwood Oil 110
Site Address:	760 SEBASTOPOL
Site City:	SANTA ROSA
Site Zip:	95407
Enf Action Date:	12-16-1993
Enf Action Type:	Staff Enforcement Letter (Informal)
Enf Action Description:	Staff Enforcement Letter (Informal)

BP / REDWOOD OIL #110 (Continued) **S101304990**

Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Name: REDWOOD OIL C/O RDM ENVIRONMEN
Address: 760 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407-6859
Site ID: 489696
CERS ID: 110021340529
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: BP / REDWOOD OIL #110
Address: 760 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 224065
CERS ID: T0609700191
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762030

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Name: BP / REDWOOD OIL #110
Address: 760 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 224065
CERS ID: SL609792528
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported

BP / REDWOOD OIL #110 (Continued) **S101304990**

Affiliation Phone:	7075762030
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

C46 **THRIFTY SQUIRREL** **SWEEPS UST** **U001609368**
ESE **760 SEBASTOPOL RD** **HIST UST** **N/A**
< 1/8 **SANTA ROSA, CA 95402**
0.078 mi.
410 ft. **Site 12 of 19 in cluster C**

Relative: **Higher**

Actual: **143 ft.**

SWEEPS UST:

Name:	THRIFTY SQUIRREL
Address:	760 SEBASTOPOL RD
City:	SANTA ROSA
Status:	Active
Comp Number:	2729
Number:	9
Board Of Equalization:	44-028157
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	35
SWRCB Tank Id:	49-060-002729-000001
Tank Status:	A
Capacity:	4000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	THRIFTY SQUIRREL
Address:	760 SEBASTOPOL RD
City:	SANTA ROSA
Status:	Active
Comp Number:	2729
Number:	9
Board Of Equalization:	44-028157
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	36
SWRCB Tank Id:	49-060-002729-000002
Tank Status:	A
Capacity:	4000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED

THRIFTY SQUIRREL (Continued) **U001609368**

Number Of Tanks: Not reported

Name: THRIFTY SQUIRREL
Address: 760 SEBASTOPOL RD
City: SANTA ROSA
Status: Active
Comp Number: 2729
Number: 9
Board Of Equalization: 44-028157
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 37
SWRCB Tank Id: 49-060-002729-000003
Tank Status: A
Capacity: 4000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

HIST UST:
Name: THRIFTY SQUIRREL
Address: 760 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95402
File Number: 000215E0
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000215E0.pdf
Region: STATE
Facility ID: 00000002729
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 7075769159
Owner Name: REDWOOD OIL COMPANY, INC
Owner Address: 1320 SECOND STREET
Owner City,St,Zip: SAN RAFAEL, CA 94901
Total Tanks: 0003

Tank Num: 001
Container Num: 35
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: 002
Container Num: 36
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

THRIFTY SQUIRREL (Continued) **U001609368**

Tank Num:	003
Container Num:	37
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

C47 **BP/REDWOOD OIL 110** **Cortese S112881787**
ESE **760 SEBASTOPOL ROAD** **HAZNET N/A**
< 1/8 **SANTA ROSA, CA 95406**
0.078 mi.
410 ft. **Site 13 of 19 in cluster C**

Relative: **Higher**
Actual: **143 ft.**

CORTESE:

Name:	BP/REDWOOD OIL 110
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95406
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

HAZNET:

Name:	REDWOOD OIL CO
Address:	760 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 954070000
Year:	1998
GEPAID:	CAC001315664
Contact:	LIZ HARTER - ADMIN ASST
Telephone:	7075460766
Mailing Name:	Not reported
Mailing Address:	PO BOX 428
Mailing City,St,Zip:	SANTA ROSA, CA 954020000
Gen County:	Sonoma
TSD EPA ID:	CAD009466392
TSD County:	Contra Costa

BP/REDWOOD OIL 110 (Continued) **S112881787**

Tons: 6
CA Waste Code: 512-Other empty containers 30 gallons or more
Method: R01-Recycler
Facility County: Sonoma

C48 **ROSELAND MOBIL** **SWEEPS UST** **S101627245**
ESE **760 SEBASTOPOL** **CA FID UST** **N/A**
< 1/8 **SANTA ROSA, CA 95402** **ENF**
0.078 mi.
410 ft. **Site 14 of 19 in cluster C**

Relative: **Higher**

Actual: **143 ft.**

SWEEPS UST:

Name:	ROSELAND MOBIL
Address:	760 SEBASTOPOL
City:	SANTA ROSA
Status:	Active
Comp Number:	1452
Number:	9
Board Of Equalization:	44-002207
Referral Date:	Not reported
Action Date:	10-03-89
Created Date:	03-31-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-001452-000001
Tank Status:	A
Capacity:	4000
Active Date:	10-03-89
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	4

Name:	ROSELAND MOBIL
Address:	760 SEBASTOPOL
City:	SANTA ROSA
Status:	Active
Comp Number:	1452
Number:	9
Board Of Equalization:	44-002207
Referral Date:	Not reported
Action Date:	10-03-89
Created Date:	03-31-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-001452-000002
Tank Status:	A
Capacity:	4000
Active Date:	10-03-89
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	ROSELAND MOBIL
Address:	760 SEBASTOPOL
City:	SANTA ROSA
Status:	Active
Comp Number:	1452
Number:	9

ROSELAND MOBIL (Continued) **S101627245**

Board Of Equalization: 44-002207
Referral Date: Not reported
Action Date: 10-03-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001452-000003
Tank Status: A
Capacity: 4000
Active Date: 10-03-89
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: ROSELAND MOBIL
Address: 760 SEBASTOPOL
City: SANTA ROSA
Status: Active
Comp Number: 1452
Number: 9
Board Of Equalization: 44-002207
Referral Date: Not reported
Action Date: 10-03-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001452-000004
Tank Status: A
Capacity: 1
Active Date: 10-03-89
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 49000463
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075769159
Mail To: Not reported
Mailing Address: 1320 002ND
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95402
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Facility ID: 49000463
Regulated By: UTNKA
Regulated ID: 00002729
Cortese Code: Not reported

ROSELAND MOBIL (Continued) **S101627245**

SIC Code:	Not reported
Facility Phone:	7075769159
Mail To:	Not reported
Mailing Address:	1320 002ND ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA ROSA 95402
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

ENF:

Name:	BP/REDWOOD OIL 110
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	210193
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42963
Place Longitude:	-122.72854
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported

ROSELAND MOBIL (Continued) **S101627245**

Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220924
Region:	1
Order / Resolution Number:	LT960215
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/15/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/15/1996
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO254NUG BP/Redwood Oil 110
Description:	REQUESTING SUBMITTAL OF SBP/Redwood Oil 110 CHEDULE.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	BP/REDWOOD OIL 110
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	210193
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial

ROSELAND MOBIL (Continued) **S101627245**

Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42963
Place Longitude:	-122.72854
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported

ROSELAND MOBIL (Continued) **S101627245**

Enforcement Id(EID):	224237
Region:	1
Order / Resolution Number:	92-052
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	04/01/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/18/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO254NUG BP/Redwood Oil 110
Description:	CLEANUP & ABATE DISCHARGE OF PETROLEUM PRODUCTS. TASKS OUTLINE INVESTIGATIVE & REMEDIAL ACTIONS. Rescinded by Order R1-2003-0010.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	BP/REDWOOD OIL 110
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	210193
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42963
Place Longitude:	-122.72854
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported

ROSELAND MOBIL (Continued) **S101627245**

Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223952
Region:	1
Order / Resolution Number:	LT930903
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	09/03/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/03/1993
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO254NUG BP/Redwood Oil 110
Description:	REQUESTING RESONSE TO CONCERNS EXPRESSED IN THE LETTER.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0

ROSELAND MOBIL (Continued) **S101627245**

Total $ Paid/Completed Amount:	0
Name:	BP/REDWOOD OIL 110
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	210193
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42963
Place Longitude:	-122.72854
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported

ROSELAND MOBIL (Continued) **S101627245**

Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223002
Region:	1
Order / Resolution Number:	LT940920
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	09/20/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/20/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO254NUG BP/Redwood Oil 110
Description:	REQUESTING SUBMITTAL OF WORKPLAN.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	BP/REDWOOD OIL 110
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	210193
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42963
Place Longitude:	-122.72854
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported

ROSELAND MOBIL (Continued) **S101627245**

NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	222888
Region:	1
Order / Resolution Number:	LT941027
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	10/27/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/27/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO254NUG BP/Redwood Oil 110
Description:	REQUESTING NOTIFICATION FIVE DAYS PRIOR TO FIELD WORK.

ROSELAND MOBIL (Continued) **S101627245**

Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	BP/REDWOOD OIL 110
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	210193
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42963
Place Longitude:	-122.72854
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported

ROSELAND MOBIL (Continued) **S101627245**

Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223830
Region:	1
Order / Resolution Number:	LT931216
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/16/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/16/1993
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO254NUG BP/Redwood Oil 110
Description:	REQUESTING ACKNOWLEDGE RECEIPT OF LETTER FOR INTENT TO RECOVER COSTS.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	BP/REDWOOD OIL 110
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	210193
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42963

ROSELAND MOBIL (Continued) **S101627245**

Place Longitude:	-122.72854
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223325
Region:	1
Order / Resolution Number:	LT940622

ROSELAND MOBIL (Continued) **S101627245**

Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/22/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/22/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO254NUG BP/Redwood Oil 110
Description:	REQUESTING NOTIFICATION OF AT LEAST FIVE DAYS PRIOR TO WORK ON SITE.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	BP/REDWOOD OIL 110
Address:	760 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	210193
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42963
Place Longitude:	-122.72854
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported

ROSELAND MOBIL (Continued) **S101627245**

Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224603
Region:	1
Order / Resolution Number:	90-042
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/08/1990
Adoption/Issuance Date:	03/08/1990
Achieve Date:	Not reported
Termination Date:	04/01/1992
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO254NUG BP/Redwood Oil 110
Description:	SUBMIT A WORKPLAN FOR INVESTIGATION & REMEDIATION AND COMPLY WITH M&R 90-042.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

C49
ESE
< 1/8
0.078 mi.
410 ft.

BP / REDWOOD OIL #110
760 SEBASTOPOL RD
SANTA ROSA, CA 95407

Site 15 of 19 in cluster C

UST **U004050008**
N/A

Relative:
Higher

Actual:
143 ft.

UST:

Name:	BP / REDWOOD OIL #110
Address:	760 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000112
Permitting Agency:	SONOMA COUNTY
Latitude:	38.4309803
Longitude:	-122.7271935

C50
ESE
< 1/8
0.082 mi.
434 ft.

ROSELAND VILLAGE SHOPING CENTER
665 SEBASTOPOL RD
SANTA ROSA, CA 95403

Site 16 of 19 in cluster C

LUST **S106247496**
NPDES **N/A**

Relative:
Higher

Actual:
143 ft.

SONOMA CO. LUST:

Name:	BAUGH, WILSON, ENTERPRISE
Address:	665 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA
Region:	SONOMA
Regional Board:	1TSO231
Closed or Referred:	Referred
Confirm Date:	06/01/1992
LOP Number:	00002466
Staff:	Not reported
Decode of Staff:	Not reported
Global ID:	T0609700174
APN:	Not reported
Notes:	REFERRED

NPDES:

Name:	ROSELAND VILLAGE SHOPING CENTER
Address:	665 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95403
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	1 49C371306
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported

ROSELAND VILLAGE SHOPING CENTER (Continued) **S106247496**

Status:	Terminated
Status Date:	10/27/2015
Operator Name:	Sonoma County Community Development Commission
Operator Address:	1440 Guerneville Road
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95403

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	450473
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	1 49C371306
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:	10/27/2015
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	10/29/2014
Processed Date:	10/30/2014
Status:	Terminated
Status Date:	10/27/2015
Place Size:	2
Place Size Unit:	Acres
Contact:	Kathleen Kane
Contact Title:	Not reported
Contact Phone:	707-565-7505
Contact Phone Ext:	Not reported
Contact Email:	kathleen.kane@sonoma-county.org
Operator Name:	Sonoma County Community Development Commission
Operator Address:	1440 Guerneville Road
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95403
Operator Contact:	Kathleen Kane
Operator Contact Title:	Executive Director
Operator Contact Phone:	707-565-7505
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	kathleen.kane@sonoma-county.org
Operator Type:	County Agency
Developer:	Sonoma County Community Development Commission
Developer Address:	1440 Guerneville Road
Developer City:	Santa Rosa
Developer State:	California
Developer Zip:	95403
Developer Contact:	Kathleen Kane
Developer Contact Title:	Executive Director
Constype Linear Utility Ind:	N

ROSELAND VILLAGE SHOPING CENTER (Continued) **S106247496**

Emergency Phone:	7075657505
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	LAGUNA DE SANTA ROSA & RUSSIAN RIVER
Certifier:	Kirsten Larsen
Certifier Title:	Community Develeopment Associate
Certification Date:	29-OCT-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Terminated
Agency Number:	0
Region:	1
Regulatory Measure ID:	450473
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 49C371306
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/30/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	10/27/2015
Discharge Name:	Sonoma County Community Development Commission
Discharge Address:	1440 Guerneville Road
Discharge City:	Santa Rosa
Discharge State:	California
Discharge Zip:	95403
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported

ROSELAND VILLAGE SHOPING CENTER (Continued) **S106247496**

Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

C51 **NOR CAL GLASS COMPANY** **LUST** **S101304989**
ESE **SEBASTOPOL ROAD 673** **N/A**
< 1/8 **SANTA ROSA, CA**
0.083 mi.
438 ft. **Site 17 of 19 in cluster C**

Relative: LUST REG 1:
Higher
Region: 1
Actual: Facility ID: 1TSO057
143 ft. Staff Initials: Closed

B52 **KINGS TIRES** **CUPA Listings** **S105090730**
SW **1075 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.085 mi.
450 ft. **Site 6 of 10 in cluster B**

Relative: **Lower**
Actual: **138 ft.**

CUPA SONOMA:

Name:	KINGS TIRES
Add1:	1075 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-008187
Permit:	Not reported
Type:	Hazardous Waste
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	SQG < 325 gallons/year
CERS ID:	10639030
Experation Date:	04/23/2017

B53 **KING'S TIRES** **CERS HAZ WASTE** **S121782814**
SW **1075 SEBASTOPOL RD** **CERS** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.085 mi.
450 ft. **Site 7 of 10 in cluster B**

Relative: **Lower**
Actual: **138 ft.**

CERS HAZ WASTE:

Name:	KING'S TIRES
Address:	1075 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	427389
CERS ID:	10639030
CERS Description:	Hazardous Waste Generator

CERS:

Name:	KING'S TIRES
Address:	1075 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	427389
CERS ID:	10639030
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	427389
Site Name:	King's Tires
Violation Date:	04-23-2014
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes:	Returned to compliance on 10/04/2017. Apply for Permit via CERS
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	427389
Site Name:	King's Tires

KING'S TIRES (Continued) **S121782814**

Violation Date: 10-04-2017
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 10/17/2017. The EPA ID # was inactive. Submit documentation to the CUPA demonstrating that you have obtained an EPA ID number.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 427389
Site Name: King's Tires
Violation Date: 04-23-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/04/2017. used oil and antifreeze drums not labeled - correct in 30 days.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-23-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Now shop has been open two months.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations were observed during the inspection.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HW
Eval Source: CERS

KING'S TIRES (Continued) **S121782814**

Coordinates:

Site ID:	427389
Facility Name:	King's Tires
Env Int Type Code:	HMBP
Program ID:	10639030
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	38.429510
Longitude:	-122.731840

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Nicandro Reyes
Entity Title:	Not reported
Affiliation Address:	714 Apple Creek Ln.
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95401
Affiliation Phone:	(707) 293-9090

Affiliation Type Desc:	Property Owner
Entity Name:	Nicandro Reyes
Entity Title:	Not reported
Affiliation Address:	1075 Sebastopol Rd
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 293-9090

Affiliation Type Desc:	Operator
Entity Name:	Nicandro Reyes
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 293-9090

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Rosa Fire Dept
Entity Title:	Not reported
Affiliation Address:	2373 Circadian Way
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	(707) 543-3500

Affiliation Type Desc:	Parent Corporation
Entity Name:	King's Tires
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

KING'S TIRES (Continued) **S121782814**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Nicandro Reyes
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Nicandro Reyes
Entity Title:	Not reported
Affiliation Address:	1075 Sebastopol Rd
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1075 Sebastopol Rd
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Nicandro Reyes
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

B54 **KING'S TIRES #3** **RCRA NonGen / NLR** **1024850845**
SW **1075 SEBASTOPOL RD** **CAL000408818**
< 1/8 **SANTA ROSA, CA 95407**
0.085 mi.
450 ft. **Site 8 of 10 in cluster B**

Relative: RCRA NonGen / NLR:
Lower

Date form received by agency:	07/28/2015
Facility name:	KING'S TIRES #3
Facility address:	1075 SEBASTOPOL RD SANTA ROSA, CA 95407
EPA ID:	CAL000408818

Actual:
138 ft.

KING'S TIRES #3 (Continued) **1024850845**

Contact: NICARDRO REYES ESQUIVEL
Contact address: 714 APPLE CREEK LN
SANTA ROSA, CA 95401
Contact country: Not reported
Contact telephone: 707-772-7849
Contact email: NICANDRO.R@YAHOO.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NICARDRO REYES ESQUIVEL
Owner/operator address: 714 APPLE CREEK LN
SANTA ROSA, CA 95401
Owner/operator country: Not reported
Owner/operator telephone: 707-772-7849
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NICANDRO REYES ESQUIVEL
Owner/operator address: 714 APPLE CREEK LN
SANTA ROSA, CA 95401
Owner/operator country: Not reported
Owner/operator telephone: 707-772-7849
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

55
SE
< 1/8
0.091 mi.
481 ft.

IMWALLE GARDENS
685 W 003RD ST
SANTA ROSA, CA 95401

SWEEPS UST **S101627163**
CA FID UST **N/A**

Relative:
Lower

Actual:
140 ft.

SWEEPS UST:

Name:	IMWALLE GARDENS
Address:	685 W 003RD ST
City:	SANTA ROSA
Status:	Active
Comp Number:	33688
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	49-060-033688-000001
Tank Status:	A
Capacity:	500
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	49003743
Regulated By:	UTNKA
Regulated ID:	00033688
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7075460279
Mail To:	Not reported
Mailing Address:	685 W 003RD ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA ROSA 95401
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

C56
ESE
< 1/8
0.097 mi.
512 ft.

HOLLAND CLEANERS
700 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

Site 18 of 19 in cluster C

CPS-SLIC **S106487417**
CERS **N/A**

Relative:
Higher

Actual:
143 ft.

CPS-SLIC:

Name:	HOLLAND CLEANERS
Address:	700 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/13/2014

HOLLAND CLEANERS (Continued) **S106487417**

Global Id:	SL0609757511
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.429676807074
Longitude:	-122.728118598461
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	1NSR406
File Location:	Regional Board
Potential Media Affected:	Well used for drinking water supply
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
Site History:	Former dry cleaner operated 1961 - 1981. April 2013 groundwater analysis did not identify any contaminants of concern

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

CERS:

Name:	HOLLAND CLEANERS
Address:	700 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	239584
CERS ID:	SL0609757511
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

C57 **HOLLAND CLEANERS** **EDR Hist Cleaner** **1014142837**
ESE **700 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.097 mi.
512 ft. **Site 19 of 19 in cluster C**

Relative: EDR Hist Cleaner
Higher

Actual: **143 ft.**

Year:	Name:	Type:
1961	HOLLAND CLNS	CLEANERS AND DYERS
1965	HOLLAND CLEANERS	CLEANERS AND DYERS
1969	HOLLAND CLEANERS	Drycleaning Plants, Except Rugs
1970	HOLLAND CLEANERS	CLEANERS AND DYERS
1971	HOLLAND CLEANERS	Drycleaning Plants, Except Rugs
1972	HOLLAND CLEANERS	Drycleaning Plants, Except Rugs
1973	HOLLAND CLEANERS	Drycleaning Plants, Except Rugs
1974	HOLLAND CLEANERS	Drycleaning Plants, Except Rugs
1975	HOLLAND CLEANERS	Drycleaning Plants, Except Rugs
1976	HOLLAND CLEANERS	CLEANERS AND DYERS
1976	HOLLAND CLEANERS	Drycleaning Plants, Except Rugs

B58
SW
< 1/8
0.097 mi.
512 ft.

GARDENER'S AID
1050 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

Site 9 of 10 in cluster B

CPS-SLIC **S105050931**
N/A

Relative:
Lower

Actual:
137 ft.

CPS-SLIC:

Name:	GARDENER'S AID
Address:	1050 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/10/1998
Global Id:	T0609793355
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.428829
Longitude:	-122.731575
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	SANTA ROSA, CITY OF
RB Case Number:	1NSR291
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:	1NSR291
Staff Initials:	Facility Closed

B59
SW
< 1/8
0.097 mi.
512 ft.

GARDENERS AID
1050 SEBASTOPOL RD
SANTA ROSA, CA 95407

Site 10 of 10 in cluster B

RCRA NonGen / NLR **1024811789**
CAL000296629

Relative:
Lower

Actual:
137 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/19/2005
Facility name:	GARDENERS AID
Facility address:	1050 SEBASTOPOL RD SANTA ROSA, CA 95407-0000
EPA ID:	CAL000296629
Mailing address:	1050 SEBASTOPOL ROAD SANTA ROSA, CA 95407-6860
Contact:	PAUL HENDERSON
Contact address:	1050 SEBASTOPOL ROAD SANTA ROSA, CA 95407
Contact country:	Not reported
Contact telephone:	707-545-7620
Contact email:	GARDENERSAID@SONIC.NET
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

GARDENERS AID (Continued) **1024811789**

Owner/Operator Summary:

Owner/operator name:	PAUL HENDERSON
Owner/operator address:	1050 SEBASTOPOL ROAD SANTA ROSA, CA 95407
Owner/operator country:	Not reported
Owner/operator telephone:	707-545-7620
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	PAUL HENDERSON
Owner/operator address:	1050 SEBASTOPOL ROAD SANTA ROSA, CA 95407
Owner/operator country:	Not reported
Owner/operator telephone:	707-545-7620
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
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:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

E60 **MOISES AUTO REPAIR** **CERS HAZ WASTE** **S123103394**
WSW **588 ROSELAND AVE** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.101 mi.
531 ft. **Site 1 of 3 in cluster E**

Relative:
Lower

Actual:
138 ft.

CERS HAZ WASTE:

Name:	MOISES AUTO REPAIR
Address:	588 ROSELAND AVE
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	33035
CERS ID:	10101544

MOISES AUTO REPAIR (Continued) **S123103394**

CERS Description: Hazardous Waste Generator

Violations:

Site ID: 33035
Site Name: Moises Auto Repair
Violation Date: 03-29-2016
Citation: 22 CCR 15 66265.196 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.196
Violation Description: Failure to properly respond to a spill/leak with the following requirements: a) General emergency procedures as required in section 66265.56. b) Cessation of use; prevention of flow or addition of wastes into the tank system or secondary containment system and inspect the system to determine the cause of the release. c) Removal of waste from tank system or secondary containment system: 1) If the release was from the tank system, the owner or operator shall, within 24 hours after detection of the leak or, if the owner or operator demonstrates that that is not possible, at the earliest practicable time remove as much of the waste as is necessary to prevent further release of hazardous waste to the environment and to allow inspection and repair of the tank system to be performed. 2) If the release was to a secondary containment system, all released materials shall be removed within 24 hours or in as timely a manner as is possible to prevent harm to human health and the environment. d) The owner or operator shall immediately conduct a visual inspection of the release and, based upon that inspection: 1) Prevent further migration of the leak or spill to soils or surface water; and 2) Remove, and properly dispose of, any visible contamination of the soil or surface water. e) Notifications, reports; 1) Any release to the environment, except as provided in subsection e)2) of this section, shall be reported within 24 hours of detection. 2) A leak or spill of hazardous waste is exempted from the requirements of subsection (e) of this section, but is not exempted from the requirements of section 66265.56, if it is: A) less than or equal to a quantity of one (1) pound, and B) Immediately contained and cleaned-up. 3) Within 30 days of detection of a release to the environment, a report containing the following information shall be submitted: A) Likely route of migration of the release; B) Characteristics of the surrounding soil (soil composition, geology, hydrogeology, climate); C) Results of any monitoring or sampling conduc
Violation Notes: Returned to compliance on 05/05/2016. There is absorbent and waste oil in several locations on the concrete around the waste oil tank. The tank is located in the covered over hang off of the back of the shop, East side of the shop on the property line. Clean up spilled oil around the waste oil tank
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 33035
Site Name: Moises Auto Repair
Violation Date: 06-26-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 08/23/2018. This is a new business that took over from another business (George's Yellow Cab). Therefor, this

MOISES AUTO REPAIR (Continued) **S123103394**

facility needed to obtain a new EPA ID #.8/13/18: The facility had applied for the EPA ID# with DTSC, and it is awaiting for issueance.
Violation Division: Santa Rosa City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 33035
Site Name: Moises Auto Repair
Violation Date: 06-26-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 08/23/2018.
Violation Division: Santa Rosa City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 33035
Site Name: Moises Auto Repair
Violation Date: 06-26-2018
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/27/2018.
Violation Division: Santa Rosa City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 33035
Site Name: Moises Auto Repair
Violation Date: 06-26-2018
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/02/2018.
Violation Division: Santa Rosa City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-29-2016
Violations Found: Yes
Eval Type: Routine done by local agency

MOISES AUTO REPAIR (Continued) **S123103394**

Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-26-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-26-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	33035
Facility Name:	Moises Auto Repair
Env Int Type Code:	HWG
Program ID:	10101544
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	38.430103
Longitude:	-122.732117

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Joseph Slali
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Moises Garcia-Huerta
Entity Title:	Not reported
Affiliation Address:	588 Roseland Avenue
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Moises Auto Repair

MOISES AUTO REPAIR (Continued) **S123103394**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Rosa Fire Dept
Entity Title:	Not reported
Affiliation Address:	2373 Circadian Way
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	(707) 543-3500
Affiliation Type Desc:	Legal Owner
Entity Name:	Moises Garcia-Huerta
Entity Title:	Not reported
Affiliation Address:	moisesgh987@gmail.com
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 495-2057
Affiliation Type Desc:	Operator
Entity Name:	Moises Garcia-Huerta
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 495-2057
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	588 Roseland Avenue
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Moises Garcia-Huerta
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

MOISES AUTO REPAIR (Continued) **S123103394**

Affiliation Type Desc:	Property Owner
Entity Name:	Mark Neese
Entity Title:	Not reported
Affiliation Address:	588 Roseland Avenue
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 495-2463

E61 **GEORGES CAB CO** **RCRA-SQG** **1004676019**
WSW **588 ROSELAND AVE** **FINDS** **CAR000079947**
< 1/8 **SANTA ROSA, CA 95407** **ECHO**
0.101 mi. **CUPA Listings**
531 ft. **Site 2 of 3 in cluster E** **HAZNET**

Relative: **Lower**
Actual: **138 ft.**

RCRA-SQG:

Date form received by agency:	08/08/2000
Facility name:	GEORGES CAB CO
Facility address:	588 ROSELAND AVE SANTA ROSA, CA 95407
EPA ID:	CAR000079947
Contact:	TROY KENZY
Contact address:	588 ROSELAND AVE SANTA ROSA, CA 95407
Contact country:	US
Contact telephone:	707-544-0355
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:	RAY NEESE
Owner/operator address:	588 ROSELAND AVE SANTA ROSA, CA 95407
Owner/operator country:	Not reported
Owner/operator telephone:	707-544-0355
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

GEORGES CAB CO (Continued) **1004676019**

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

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110002941657

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

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

STATE MASTER

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

ECHO:

Envid:	1004676019
Registry ID:	110002941657
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002941657

CUPA SONOMA:

Name:	GEORGE'S YELLOW CAB
Add1:	588 ROSELAND AV
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000568
Permit:	Not reported
Type:	Hazardous Waste

GEORGES CAB CO (Continued) **1004676019**

HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: SQG < 325 gallons/year
CERS ID: 10101544
Experation Date: 07/02/2015

Name: GEORGE'S YELLOW CAB
Add1: 588 ROSELAND AV
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-000568
Permit: Not reported
Type: HMBP
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Not reported
CERS ID: 10101544
Experation Date: 07/02/2015

HAZNET:
Name: GEORGES CAB CO
Address: 588 ROSELAND AVE
City,State,Zip: SANTA ROSA, CA 954070000
Year: 2008
GEPAID: CAR000079947
Contact: MARK NEESE VP/GM
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 588 ROSELAND AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD093459485
TSD County: Fresno
Tons: 0.004
CA Waste Code: 214-Unspecified solvent mixture
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Sonoma

Name: GEORGES CAB CO
Address: 588 ROSELAND AVE
City,State,Zip: SANTA ROSA, CA 954070000
Year: 2008
GEPAID: CAR000079947
Contact: MARK NEESE VP/GM
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 588 ROSELAND AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma

GEORGES CAB CO (Continued) **1004676019**

TSD EPA ID: CAD093459485
TSD County: Fresno
Tons: 0.0252
CA Waste Code: 214-Unspecified solvent mixture
Method: -
Facility County: Sonoma

Name: GEORGES CAB CO
Address: 588 ROSELAND AVE
City,State,Zip: SANTA ROSA, CA 954070000
Year: 2007
GEPAID: CAR000079947
Contact: MARK NEESE VP/GM
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 588 ROSELAND AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: TXD077603371
TSD County: 99
Tons: 0.0568
CA Waste Code: 214-Unspecified solvent mixture
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Sonoma

Name: GEORGES CAB CO
Address: 588 ROSELAND AVE
City,State,Zip: SANTA ROSA, CA 954070000
Year: 2007
GEPAID: CAR000079947
Contact: MARK NEESE VP/GM
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 588 ROSELAND AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD093459485
TSD County: Fresno
Tons: 0.0648
CA Waste Code: 214-Unspecified solvent mixture
Method: H020-Solvents Recovery
Facility County: Sonoma

Name: GEORGES CAB CO
Address: 588 ROSELAND AVE
City,State,Zip: SANTA ROSA, CA 954070000
Year: 2006
GEPAID: CAR000079947
Contact: MARK NEESE VP/GM
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 588 ROSELAND AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD093459485
TSD County: Fresno
Tons: 0.0972

GEORGES CAB CO (Continued) **1004676019**

CA Waste Code: 214-Unspecified solvent mixture
Method: R01-Recycler
Facility County: Sonoma

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

F62 **MINI MART DRY CLEANING** **EDR Hist Cleaner** **1014149951**
East **651 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.101 mi.
535 ft. **Site 1 of 2 in cluster F**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
144 ft. 1976 MINI MART DRY CLEANING CLEANERS AND DYERS

F63 **CLEANING MART** **CPS-SLIC** **S107473139**
East **651 SEBASTOPOL ROAD** **CERS** **N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.101 mi.
535 ft. **Site 2 of 2 in cluster F**

Relative: CPS-SLIC:
Higher

Actual:
144 ft.

Name:	CLEANING MART
Address:	651 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/27/2005
Global Id:	SL0609797962
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4308799146016
Longitude:	-122.727782797623
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	SANTA ROSA, CITY OF
RB Case Number:	1NSR427
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	* Solvents
Site History:	Drop off location for dry cleaning. No on-site cleaning conducted.

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

CERS:

Name:	CLEANING MART
Address:	651 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	195320
CERS ID:	SL0609797962
CERS Description:	Cleanup Program Site

Affiliation:

CLEANING MART (Continued) **S107473139**

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

G64 **COTTAGE BAR** **CPS-SLIC S105051068**
SW **1099 SEBASTOPOL ROAD** **CERS N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.105 mi.
552 ft. **Site 1 of 12 in cluster G**

Relative:
Lower

Actual:
137 ft.

CPS-SLIC:

Name:	COTTAGE BAR
Address:	1099 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/13/1994
Global Id:	T0609793273
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.42937
Longitude:	-122.732205
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	SONOMA COUNTY
RB Case Number:	1NSO516
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:	1NSO516
Staff Initials:	Facility Closed

CERS:

Name:	COTTAGE BAR
Address:	1099 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	260008
CERS ID:	T0609793273
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported

COTTAGE BAR (Continued) **S105051068**

Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title:	Not reported
Affiliation Address:	625 5th Street
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

G65 **SMITTYS SHELL SERV GAS STA** **EDR Hist Auto** **1014194586**
SW **1099 SEBASTOPOL RD** **N/A**
< 1/8 **SANTA ROSA, CA**
0.105 mi.
552 ft. **Site 2 of 12 in cluster G**

Relative: EDR Hist Auto
Lower

Actual: **137 ft.**

Year:	Name:	Type:
1953	ECONOMY QUICK SERVICE	GASOLINE STATIONS
1958	ECONOMY SHELL SERV	GASOLINE STATIONS
1961	SMITTYS SHELL SERV GAS STA	GASOLINE STATIONS

H66 **YRC INC DBA YRC FREIGHT** **RCRA NonGen / NLR** **1024819886**
NE **270 DUTTON AVE** **CAL000331284**
< 1/8 **SANTA ROSA, CA 95407**
0.109 mi.
573 ft. **Site 1 of 7 in cluster H**

Relative: RCRA NonGen / NLR:
Higher

Actual: **143 ft.**

Date form received by agency:	04/04/2008
Facility name:	YRC INC DBA YRC FREIGHT
Facility address:	270 DUTTON AVE SANTA ROSA, CA 95407-6805
EPA ID:	CAL000331284
Mailing address:	10990 ROE AVENUE OVERLAND PARK, KS 66211
Contact:	JAMIE HAINES
Contact address:	10990 ROE AVENUE OVERLAND PARK, KS 66211
Contact country:	Not reported
Contact telephone:	913-344-5205
Contact email:	JAMIE.HAINES@YRCFREIGHT.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

YRC INC DBA YRC FREIGHT (Continued) **1024819886**

Owner/Operator Summary:

Owner/operator name:	JAMIE HAINES
Owner/operator address:	10990 ROE AVENUE OVERLAND PARK, KS 66211
Owner/operator country:	Not reported
Owner/operator telephone:	913-344-5205
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	YRC INC
Owner/operator address:	10990 ROE AVENUE OVERLAND PARK, KS 66211
Owner/operator country:	Not reported
Owner/operator telephone:	913-344-5205
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Violation Status: No violations found

H67 **YELLOW & ROADWAY FREIGHT** **SWEEPS UST** **S101630585**
NE **270 DUTTON** **HIST UST** **N/A**
< 1/8 **SANTA ROSA, CA 95401** **CA FID UST**
0.109 mi. **CHMIRS**
573 ft. **Site 2 of 7 in cluster H** **CUPA Listings**
NPDES
Relative: **CIWQS**
Higher **CERS**

Actual:
143 ft.

SWEEPS UST:

Name:	YELLOW & ROADWAY FREIGHT
Address:	270 DUTTON

YELLOW & ROADWAY FREIGHT (Continued) **S101630585**

City: SANTA ROSA
Status: Active
Comp Number: 1105
Number: 9
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: 10-02-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001105-000001
Tank Status: A
Capacity: 1
Active Date: 10-02-89
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: 1

HIST UST:
Name: DELTA LINES INC
Address: 270 DUTTON AVENUE
City,State,Zip: SANTA ROSA, CA 95401
File Number: 000216EE
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000216EE.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 49000822
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075465270
Mail To: Not reported
Mailing Address: 520 S 052ND ST
Mailing Address 2: Not reported

YELLOW & ROADWAY FREIGHT (Continued) **S101630585**

Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Facility ID: 49000822
Regulated By: UTNKA
Regulated ID: 00013001
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075465270
Mail To: Not reported
Mailing Address: 270 DUTTON AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CHMIRS:

Name:	Not reported
Address:	270 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 95403
OES Incident Number:	15-2838
OES notification:	05/21/2015
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported

YELLOW & ROADWAY FREIGHT (Continued) **S101630585**

Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	UNSPECIFIED
Measure:	Oz.
Other:	Not reported
Date/Time:	2237
Year:	2015
Agency:	ERTS
Incident Date:	05/19/2015
Admin Agency:	Santa Rosa Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Crystalcer
Quantity Released:	5
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:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP stated, the lid of the fiber drum was loose, which resulted in the release of 5oz of Crystalcer onto the exterior part of the drum. The release is contained and cleanup is complete. The waterways have been impacted.

CUPA SONOMA:

Name:	YRC, INC.
Add1:	270 DUTTON AV
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-006147
Permit:	Not reported
Type:	Hazardous Waste
HMBP:	Not reported
UST:	Not reported

YELLOW & ROADWAY FREIGHT (Continued) **S101630585**

HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: SQG < 325 gallons/year
CERS ID: 10117345
Experation Date: 03/30/2019

Name: YRC, INC.
Add1: 270 DUTTON AV
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-006147
Permit: Not reported
Type: HMBP
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Range 3
CERS ID: 10117345
Experation Date: 03/31/2019

NPDES:
Name: YRC INC 805
Address: 270 DUTTON AVE
City,State,Zip: SANTA ROSA, CA 95407
Facility Status: Active
NPDES Number: CAS000001
Region: 1
Agency Number: 0
Regulatory Measure ID: 401219
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 1 49I022449
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 12/10/2009
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 10990 Roe Ave Ms A650
Discharge Name: YRC Worldwide Inc
Discharge City: Overland Park
Discharge State: Kansas
Discharge Zip: 66211
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:
NPDES Number: CAS000001

YELLOW & ROADWAY FREIGHT (Continued) **S101630585**

Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	401219
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 49I022449
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/10/2009
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	YRC Worldwide Inc
Discharge Address:	10990 Roe Ave Ms A650
Discharge City:	Overland Park
Discharge State:	Kansas
Discharge Zip:	66211
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
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:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	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

YELLOW & ROADWAY FREIGHT (Continued) **S101630585**

Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	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
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	401219
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 49I022449
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:	12/08/2009
Processed Date:	12/10/2009
Status:	Active
Status Date:	12/10/2009
Place Size:	2.5
Place Size Unit:	Acres
Contact:	Jerry Sciortino
Contact Title:	Not reported
Contact Phone:	707-523-0746
Contact Phone Ext:	Not reported
Contact Email:	Jerry.sciortino@yrcfeight.com
Operator Name:	YRC Worldwide Inc
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported

YELLOW & ROADWAY FREIGHT (Continued) **S101630585**

Operator Contact Email:	Not reported
Operator Type:	Private Individual
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Kansas
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	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:	N
Receiving Water Name:	Santa Rosa Creek
Certifier:	Ruben Byerley
Certifier Title:	Manager of Environmental Services
Certification Date:	29-APR-15
Primary Sic:	4213-Trucking, Except Local
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	YRC INC 805
Address:	270 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 95407
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	1 49I022449
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported

YELLOW & ROADWAY FREIGHT (Continued) **S101630585**

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	12/10/2009
Operator Name:	YRC Worldwide Inc
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	401219
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 49I022449
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/10/2009
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	YRC Worldwide Inc
Discharge Address:	10990 Roe Ave Ms A650
Discharge City:	Overland Park
Discharge State:	Kansas
Discharge Zip:	66211
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
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:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported

YELLOW & ROADWAY FREIGHT (Continued) **S101630585**

Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	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
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	401219
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 49I022449
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:	12/08/2009
Processed Date:	12/10/2009
Status:	Active
Status Date:	12/10/2009
Place Size:	2.5
Place Size Unit:	Acres
Contact:	Jerry Sciortino
Contact Title:	Not reported

YELLOW & ROADWAY FREIGHT (Continued) **S101630585**

Contact Phone:	707-523-0746
Contact Phone Ext:	Not reported
Contact Email:	Jerry.sciortino@yrcfeight.com
Operator Name:	YRC Worldwide Inc
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	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:	Private Individual
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Kansas
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	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:	N
Receiving Water Name:	Santa Rosa Creek
Certifier:	Ruben Byerley
Certifier Title:	Manager of Environmental Services
Certification Date:	29-APR-15
Primary Sic:	4213-Trucking, Except Local
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	YRC INC 805
Address:	270 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 95407
Agency:	YRC Worldwide Inc
Agency Address:	10990 Roe Ave Ms A650, Overland Park, KS 66211
Place/Project Type:	Industrial - Trucking, Except Local

YELLOW & ROADWAY FREIGHT (Continued) **S101630585**

SIC/NAICS:	4213
Region:	1
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 49I022449
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/10/2009
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	38.431956
Longitude:	-122.728633

CERS:

Name:	YRC INC 805
Address:	270 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	547135
CERS ID:	801113
CERS Description:	Industrial Facility Storm Water

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-04-2014
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Freight trucking company, site is clean with no evidence of hydrocarbon staining. Sheet flow offisite in two directions, no onsite storm drains. Secondary containment for oil and other fluids, overall conditions excellent as related to stormwater quality.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	YRC Worldwide Inc
Entity Title:	Operator
Affiliation Address:	10990 Roe Ave Ms A650
Affiliation City:	Overland Park
Affiliation State:	KS
Affiliation Country:	Not reported
Affiliation Zip:	66211
Affiliation Phone:	Not reported

H68 **YELLOW ROADWAY FREIGHT** **Notify 65** **U000067711**
NE **270 DUTTON AVENUE** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.109 mi.
573 ft. **Site 3 of 7 in cluster H**

Relative: **Higher**
Actual: **143 ft.**

NOTIFY 65:

Date Reported:	19930126
Staff Initials:	SAW
Board File Number:	0TZ930000
Facility Type:	UNKNOWN
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	A SAMPLE COLLECTED FROM A DRINKING WATERWELL WAS FOUND TO CONTAIN CARBON TERTRACHLORIDE & CHLOROFORM

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

Date Reported:	19930126
Staff Initials:	SAW
Board File Number:	0TZ930000
Facility Type:	UNKNOWN
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	A SAMPLE COLLECTED FROM A DRINKING WATERWELL WAS FOUND TO CONTAIN CARBON TERTRACHLORIDE & CHLOROFORM

H69 **YELLOW & ROADWAY FREIGHT** **LUST** **S104164498**
NE **270 DUTTON AVE** **HIST CORTESE** **N/A**
< 1/8 **SANTA ROSA, CA 95407** **CERS**
0.109 mi.
573 ft. **Site 4 of 7 in cluster H**

Relative: **Higher**
Actual: **143 ft.**

LUST:

Name:	YELLOW & ROADWAY FREIGHT
Address:	270 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	SONOMA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700182
Global Id:	T0609700182
Latitude:	38.431968
Longitude:	-122.728629
Status:	Completed - Case Closed
Status Date:	04/15/1992
Case Worker:	LCW
RB Case Number:	1TSO241
Local Agency:	SONOMA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	00001105
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

YELLOW & ROADWAY FREIGHT (Continued) **S104164498**

LUST:
Global Id: T0609700182
Contact Type: Local Agency Caseworker
Contact Name: LOP CLOSED IN RB01
Organization Name: SONOMA COUNTY LOP
Address: 625 FIFTH STREET
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700182
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

LUST:
Global Id: T0609700182
Action Type: Other
Date: 08/08/1988
Action: Leak Discovery

Global Id: T0609700182
Action Type: Other
Date: 01/02/1965
Action: Leak Reported

LUST:
Global Id: T0609700182
Status: Open - Case Begin Date
Status Date: 08/08/1988

Global Id: T0609700182
Status: Open - Site Assessment
Status Date: 05/04/1989

Global Id: T0609700182
Status: Completed - Case Closed
Status Date: 04/15/1992

LUST REG 1:
Region: 1
Facility ID: 1TSO241
Staff Initials: Closed

SONOMA CO. LUST:
Name: YELLOW & ROADWAY FREIGHT
Address: 270 DUTTON AVE
City,State,Zip: SANTA ROSA, CA
Region: SONOMA
Regional Board: 1TSO241

YELLOW & ROADWAY FREIGHT (Continued) **S104164498**

Closed or Referred: Closed
Confirm Date: 04/15/1992
LOP Number: 00001105
Staff: Not reported
Decode of Staff: Not reported
Global ID: T0609700182
APN: 125-043-004
Notes: CLOSED

HIST CORTESE:
edr_fname: YELLOW & ROADWAY FREIGHT
edr_fadd1: 270 DUTTON
City,State,Zip: SANTA ROSA, CA
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TS0241

CERS:
Name: YELLOW & ROADWAY FREIGHT
Address: 270 DUTTON AVE
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 196873
CERS ID: T0609700182
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOP CLOSED IN RB01 - SONOMA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 625 FIFTH STREET
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: SONOMA COUNTY LOP CLOSED SITE - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075656565

H70 **DELTA LINES, INC.** **SWEEPS UST** **U001609188**
NE **270 DUTTON AVE** **HIST UST** **N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.109 mi.
573 ft. **Site 5 of 7 in cluster H**

Relative:
Higher

Actual:
143 ft.

SWEEPS UST:

Name:	DELTA LINES, INC.
Address:	270 DUTTON AVE
City:	SANTA ROSA
Status:	Active
Comp Number:	13001
Number:	9
Board Of Equalization:	44-025279
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1-G
SWRCB Tank Id:	49-060-013001-000001
Tank Status:	A
Capacity:	5000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	2

Name:	DELTA LINES, INC.
Address:	270 DUTTON AVE
City:	SANTA ROSA
Status:	Active
Comp Number:	13001
Number:	9
Board Of Equalization:	44-025279
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1-D
SWRCB Tank Id:	49-060-013001-000002
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

HIST UST:

Name:	DELTA LINES, INC.
Address:	270 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 95401
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000013001
Facility Type:	Other
Other Type:	TRUCK TERMINAL
Contact Name:	JIM FLEMING, TERMINAL MANAGER
Telephone:	7075465270

DELTA LINES, INC. (Continued) **U001609188**

Owner Name:	DELTA CALIFORNIA INDUSTRIES
Owner Address:	333 HEGENBERGER ROAD
Owner City,St,Zip:	OAKLAND, CA 94621
Total Tanks:	0002
Tank Num:	001
Container Num:	1-G
Year Installed:	1962
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	1-D
Year Installed:	1962
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

H71 **YRC, INC.** **CERS HAZ WASTE** **S121793304**
NE **270 DUTTON AVENUE** **CERS** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.109 mi.
573 ft. **Site 6 of 7 in cluster H**

Relative: **Higher**
Actual: **143 ft.**

CERS HAZ WASTE:

Name:	YRC, INC.
Address:	270 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	518000
CERS ID:	10117345
CERS Description:	Hazardous Waste Generator

CERS:

Name:	YRC, INC.
Address:	270 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	518000
CERS ID:	10117345
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	518000
Site Name:	YRC, Inc.
Violation Date:	06-20-2018
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.

YRC, INC. (Continued) **S121793304**

Violation Notes: Returned to compliance on 07/20/2018.
Violation Division: Santa Rosa City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during the inspection.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during the inspection.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 270 DUTTON AVENUE
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95407
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: YRC, INC
Entity Title: Not reported

YRC, INC. (Continued) **S121793304**

Affiliation Address:	10990 ROE AVE MS A650 ATTN: ENV SERVICES
Affiliation City:	OVERLAND PARK
Affiliation State:	KS
Affiliation Country:	United States
Affiliation Zip:	66211-1213
Affiliation Phone:	(913) 344-3000
Affiliation Type Desc:	Document Preparer
Entity Name:	JANICE RODGERS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Ruben Byerley
Entity Title:	Not reported
Affiliation Address:	10990 ROE AVE MS A650 ATTN: ENV SERVICES
Affiliation City:	OVERLAND PARK
Affiliation State:	KS
Affiliation Country:	Not reported
Affiliation Zip:	66211-1213
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	YRC, INC. dba YRC Freight
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(913) 344-3000
Affiliation Type Desc:	Property Owner
Entity Name:	Pifer Property Holdings, LP, Attn: Basir Mohamad
Entity Title:	Not reported
Affiliation Address:	5666 La Jolla Blvd
Affiliation City:	La Jolla
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92037-7523
Affiliation Phone:	(775) 265-9956
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Rosa Fire Dept
Entity Title:	Not reported
Affiliation Address:	2373 Circadian Way
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	(707) 543-3500

YRC, INC. (Continued) **S121793304**

Affiliation Type Desc:	Identification Signer
Entity Name:	RUBEN BYERLEY
Entity Title:	MANAGER - ENVIRONMENTAL SERVICES & PROPERTIES
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	YRC, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

H72 **YELLOW FREIGHT SYSTEM** **HIST UST** **U001609591**
NE **270 DUTTON AVE** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.109 mi.
573 ft. **Site 7 of 7 in cluster H**

Relative: **Higher**

Actual: **143 ft.**

HIST UST:

Name:	YELLOW FREIGHT SYSTEM
Address:	270 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 95407
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000066422
Facility Type:	Other
Other Type:	TRUCK TERMINAL
Contact Name:	JACK E. CHRISTIANSON
Telephone:	7075263666
Owner Name:	MERCHANTS, INC.
Owner Address:	P.O. DRAWER 3257, 1734 E. HWY
Owner City,St,Zip:	ABILENE, TX 79604
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	4
Container Construction Thickness:	X
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT

YELLOW FREIGHT SYSTEM (Continued) **U001609591**

Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

I73 **AYERS PLANT** **HIST UST** **U001609157**
WNW **258 ROSELAND AVE** **N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.111 mi.
587 ft. **Site 1 of 9 in cluster I**

Relative: HIST UST:
Lower
Name: AYERS PLANT
Actual: Address: 258 ROSELAND AVE
139 ft. City,State,Zip: SANTA ROSA, CA 95401
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000002700
Facility Type: Gas Station
Other Type: PLANT
Contact Name: Not reported
Telephone: 4154531222
Owner Name: REDWOOD OIL COMPANY, INC
Owner Address: 1320 SECOND STREET
Owner City,St,Zip: SAN RAFAEL, CA 94901
Total Tanks: 0004

Tank Num: 001
Container Num: 81
Year Installed: 1982
Tank Capacity: 00040000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 84
Year Installed: 1982
Tank Capacity: 00040000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 83
Year Installed: 1982
Tank Capacity: 00040000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 82
Year Installed: 1982
Tank Capacity: 00040000

AYERS PLANT (Continued) **U001609157**

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

I74 **REDWOOD OIL/ CHEVRON BULK PLANT** **CPS-SLIC** **S101875583**
WNW **258 ROSELAND AVENUE** **N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.111 mi.
587 ft. **Site 2 of 9 in cluster I**

Relative: SLIC REG 1:
Lower Region: 1
Actual: Facility ID: 1NSO252
139 ft. Staff Initials: WTE

I75 **CHEVRON BULK PLANT** **SWEEPS UST** **S101595382**
WNW **258 ROSELAND AVE** **CA FID UST** **N/A**
< 1/8 **SANTA ROSA, CA 95401** **Cortese**
0.111 mi. **HAZNET**
587 ft. **Site 3 of 9 in cluster I**

Relative: SWEEPS UST:
Lower Name: CHEVRON BULK PLANT
Actual: Address: 258 ROSELAND AVE
139 ft. City: SANTA ROSA
Status: Not reported
Comp Number: 1022
Number: Not reported
Board Of Equalization: 44-002207
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001022-000001
Tank Status: Not reported
Capacity: 40000
Active Date: Not reported
Tank Use: Not reported
STG: PRODUCT
Content: REGULAR UNLE
Number Of Tanks: 6

Name: CHEVRON BULK PLANT
Address: 258 ROSELAND AVE
City: SANTA ROSA
Status: Not reported
Comp Number: 1022
Number: Not reported
Board Of Equalization: 44-002207
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001022-000002
Tank Status: Not reported

CHEVRON BULK PLANT (Continued) **S101595382**

Capacity:	40000
Active Date:	Not reported
Tank Use:	Not reported
STG:	PRODUCT
Content:	LEADER GASOL
Number Of Tanks:	Not reported

Name:	CHEVRON BULK PLANT
Address:	258 ROSELAND AVE
City:	SANTA ROSA
Status:	Not reported
Comp Number:	1022
Number:	Not reported
Board Of Equalization:	44-002207
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-001022-000003
Tank Status:	Not reported
Capacity:	40000
Active Date:	Not reported
Tank Use:	Not reported
STG:	PRODUCT
Content:	REGULAR UNLE
Number Of Tanks:	Not reported

Name:	CHEVRON BULK PLANT
Address:	258 ROSELAND AVE
City:	SANTA ROSA
Status:	Not reported
Comp Number:	1022
Number:	Not reported
Board Of Equalization:	44-002207
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	49-000-001022-000004
Tank Status:	Not reported
Capacity:	40000
Active Date:	Not reported
Tank Use:	Not reported
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	CHEVRON BULK PLANT
Address:	258 ROSELAND AVE
City:	SANTA ROSA
Status:	Not reported
Comp Number:	1022
Number:	Not reported
Board Of Equalization:	44-002207
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported

CHEVRON BULK PLANT (Continued) **S101595382**

Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001022-000005
Tank Status: Not reported
Capacity: 2500
Active Date: Not reported
Tank Use: Not reported
STG: UNKNOWN
Content: PRODUCT
Number Of Tanks: Not reported

Name: CHEVRON BULK PLANT
Address: 258 ROSELAND AVE
City: SANTA ROSA
Status: Not reported
Comp Number: 1022
Number: Not reported
Board Of Equalization: 44-002207
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-001022-000006
Tank Status: Not reported
Capacity: 400
Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 49001202
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

CORTESE:
Name: REDWOOD OIL BULK PLANT (FORMER)
Address: 258 ROSELAND AVENUE
City,State,Zip: SANTA ROSA, CA 95402
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported

CHEVRON BULK PLANT (Continued) **S101595382**

Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

HAZNET:

Name:	CHEVRON 206308
Address:	258 ROSELAND AVE
City,State,Zip:	SANTA ROSA, CA 954070000
Year:	2015
GEPAID:	CAR000199034
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
Tons:	0.35
CA Waste Code:	122-Alkaline solution without metals pH >= 12.5
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Sonoma

I76 **AYERS PLANT** **CPS-SLIC** **1001832729**
WNW **258 ROSELAND AVENUE** **HIST UST** **N/A**
< 1/8 **SANTA ROSA, CA 95401** **ENF**
0.111 mi. **HIST CORTESE**
587 ft. **Site 4 of 9 in cluster I** **CIWQS**
CERS

Relative:
Lower

Actual:
139 ft.

CPS-SLIC:

Name:	REDWOOD OIL & CHEVRON BULK PLANT #206308
Address:	258 ROSELAND AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	STATE
Facility Status:	**Open - Verification Monitoring**
Status Date:	10/23/2008
Global Id:	T0609793561
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4313328933548

AYERS PLANT (Continued) **1001832729**

Longitude:	-122.731736898422
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	SONOMA COUNTY
RB Case Number:	1NSO252
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Well used for drinking water supply
Potential Contaminants of Concern:	Benzene, Toluene, Xylene, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History:	Former bulk petroleum storage facility which included 9 aboveground tanks, 4 USTs, and two tanker truck loading racks. Site currently contains two buildings. In 2015, site was occupied by Cal West Transmission and Differential repair shop. Site is currently not occupied by a business. Site is heavily impacted by petroleum hydrocarbons, including free product. Extent of contamination is generally defined. Between 1990 and 2012, several remedial efforts were conducted to remove petroleum hydrocarbons and LNAPL from the subsurface, including soil excavation, product recovery,groundwater extraction, surfactant injections, and sorbent sock installation. A soil and soil vapor investigation completed in 2015 indicates that site soil and soil vapor exceed human health screening levels for commercial and/or residential use.

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

HIST UST:

Name:	AYERS PLANT
Address:	258 ROSELAND AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
File Number:	000215D7
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000215D7.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

ENF:

Name:	REDWOOD OIL BULK PLANT (FORMER)

AYERS PLANT (Continued) **1001832729**

Address:	258 ROSELAND AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	252245
Agency Name:	Not reported
Place Type:	Industrial and Commercial Services
Place Subtype:	Tank Farm
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43137
Place Longitude:	-122.73186
SIC Code 1:	5171
SIC Desc 1:	Petroleum Bulk Stations and Terminals
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported

AYERS PLANT (Continued) **1001832729**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221480
Region:	1
Order / Resolution Number:	R1-1990-0058
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/19/1990
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/20/2007
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B91049NSON Redwood Oil Bulk Plant (Former)
Description:	C&A OUTLINES FURTHER STEPS TO BE TAKEN FOR FULL INVESTIGATION & REMEDIATION OF CONTAM SOIL & GW. Amended 2/13/08.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	REDWOOD OIL BULK PLANT (FORMER)
Address:	258 ROSELAND AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	252245
Agency Name:	Not reported
Place Type:	Industrial and Commercial Services
Place Subtype:	Tank Farm
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43137
Place Longitude:	-122.73186
SIC Code 1:	5171
SIC Desc 1:	Petroleum Bulk Stations and Terminals
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

AYERS PLANT (Continued) **1001832729**

NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	341036
Region:	1
Order / Resolution Number:	R1-2007-0051
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	06/20/2007
Adoption/Issuance Date:	06/20/2007
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 1B91049NSON Redwood Oil Bulk Plant (Former)
Description:	C&A OUTLINES FURTHER STEPS TO BE TAKEN FOR FULL INVESTIGATION & REMEDIATION OF CONTAM SOIL & GW.

AYERS PLANT (Continued) **1001832729**

Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	REDWOOD OIL BULK PLANT (F
edr_fadd1:	258 ROSELAND
City,State,Zip:	SANTA ROSA, CA 95407
Region:	CORTESE
Facility County Code:	49
Reg By:	WBC&D
Reg Id:	1B91049NSON

CIWQS:

Name:	REDWOOD OIL BULK PLANT (FORMER)
Address:	258 ROSELAND AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Agency:	Chevron USA Inc San Ramon
Agency Address:	Po Box 6004, San Ramon, CA 94583-0904
Place/Project Type:	Tank Farm
SIC/NAICS:	5171
Region:	1
Program:	UST
Regulatory Measure Status:	Historical
Regulatory Measure Type:	NPDES Permit
Order Number:	92-010
WDID:	1B91049NSON
NPDES Number:	CA0024821
Adoption Date:	01/22/1992
Effective Date:	01/22/1992
Termination Date:	09/26/1996
Expiration/Review Date:	09/26/1996
Design Flow:	0.0144
Major/Minor:	Minor
Complexity:	B
TTWQ:	2
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	38.43137
Longitude:	-122.73186

Name:	REDWOOD OIL BULK PLANT (FORMER)
Address:	258 ROSELAND AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Agency:	Moles, Ernest
Agency Address:	Po Box 3524, Kingman, AZ 86402
Place/Project Type:	Tank Farm
SIC/NAICS:	5171
Region:	1

AYERS PLANT (Continued) **1001832729**

Program:	UST
Regulatory Measure Status:	Historical
Regulatory Measure Type:	WDR
Order Number:	R1-2008-0099
WDID:	1B07166RSON
NPDES Number:	Not reported
Adoption Date:	10/23/2008
Effective Date:	12/30/2009
Termination Date:	04/26/2012
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	A
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	38.43137
Longitude:	-122.73186

CERS:

Name:	REDWOOD OIL & CHEVRON BULK PLANT #206308
Address:	258 ROSELAND AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	211999
CERS ID:	T0609793561
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title:	Not reported
Affiliation Address:	625 5th Street
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762030

I77
WNW
< 1/8
0.111 mi.
587 ft.

CHEVRON 206308
258 ROSELAND AVE
SANTA ROSA, CA 95407

Site 5 of 9 in cluster I

Database(s): RCRA-LQG

EDR ID Number: 1012176063
EPA ID Number: CAR000199034

Relative:
Lower

Actual:
139 ft.

RCRA-LQG:

Date form received by agency:	02/20/2009
Facility name:	CHEVRON 206308
Facility address:	258 ROSELAND AVE SANTA ROSA, CA 95407
EPA ID:	CAR000199034
Mailing address:	PO BOX 6004 SAN RAMON, CA 94583
Contact:	KATHY L NORRIS
Contact address:	PO BOX 6004 SAN RAMON, CA 94583
Contact country:	US
Contact telephone:	925-842-5931
Contact email:	NAWTDESK@CHEVRON.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:	CHEVRON ENVIRONMENTAL MGMT
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1962
Owner/Op end date:	Not reported

Owner/operator name:	CHEVRON ENVIRONMENTAL MGMT
Owner/operator address:	PO BOX 6004 SAN RAMON, CA 94583
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner

CHEVRON 206308 (Continued) **1012176063**

Owner/Op start date: 01/01/1962
Owner/Op end date: Not reported

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

Hazardous Waste Summary:

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

E78 **SANTA ROSA DPW SEWER-ROSELAND** **CPS-SLIC S101316146**
West **ROSELAND AVENUE** **CERS N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.114 mi.
602 ft. **Site 3 of 3 in cluster E**

Relative:
Lower

Actual:
138 ft.

CPS-SLIC:
Name: SANTA ROSA DPW SEWER-ROSELAND
Address: ROSELAND AVENUE
City,State,Zip: SANTA ROSA, CA 95407
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 04/02/2009
Global Id: T0609793310
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4303196861951
Longitude: -122.732603944775
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SONOMA COUNTY
RB Case Number: 1NSR242
File Location: Regional Board
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Diesel
Site History: Not reported

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

SLIC REG 1:

SANTA ROSA DPW SEWER-ROSELAND (Continued) **S101316146**

Region: 1
Facility ID: 1NSR242
Staff Initials: WTE

CERS:
Name: SANTA ROSA DPW SEWER-ROSELAND
Address: ROSELAND AVENUE
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 193829
CERS ID: T0609793310
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

G79 **QUIK STOP 35** **SWEEPS UST S106930995**
SW **816 MCMINN ST** **HIST UST N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.119 mi.
628 ft. **Site 3 of 12 in cluster G**

Relative: **Lower**
Actual: **137 ft.**

SWEEPS UST:
Name: QUIK STOP #35
Address: 816 MCMINN ST
City: SANTA ROSA
Status: Active
Comp Number: 2687
Number: 9
Board Of Equalization: 44-028150
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 8
SWRCB Tank Id: 49-060-002687-000001
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 2

Name: QUIK STOP #35
Address: 816 MCMINN ST
City: SANTA ROSA
Status: Active
Comp Number: 2687
Number: 9
Board Of Equalization: 44-028150

QUIK STOP 35 (Continued) **S106930995**

Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	9
SWRCB Tank Id:	49-060-002687-000002
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

HIST UST:

Name:	QUIK STOP 35
Address:	816 MCMINN ST
City,State,Zip:	SANTA ROSA, CA 95407
File Number:	00021593
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021593.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

G80 **QUIK STOP MARKET #35** **UST** **U004049991**
SW **816 MCMINN AVENUE** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.119 mi.
628 ft. **Site 4 of 12 in cluster G**

Relative: UST:
Lower

Actual: Name:	QUIK STOP MARKET #35
137 ft. Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	00-000-000078
Permitting Agency:	Santa Rosa City Fire Department
Latitude:	38.42878
Longitude:	-122.732033
Name:	QUIK STOP MARKET #35

QUIK STOP MARKET #35 (Continued) **U004049991**

Address:	816 MCMINN AV
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000078
Permitting Agency:	SONOMA COUNTY
Latitude:	38.4301221
Longitude:	-122.7306667

G81 **QUIK STOP MARKET #35** **CA FID UST** **S101627372**
SW **816 MCMINN AVE** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.119 mi.
628 ft. **Site 5 of 12 in cluster G**

Relative: **Lower**

Actual: **137 ft.**

CA FID UST:

Facility ID:	49003516
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156578500
Mail To:	Not reported
Mailing Address:	PO BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA ROSA 95407
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

Facility ID:	49003516
Regulated By:	UTNKA
Regulated ID:	00002687
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7075282382
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA ROSA 95407
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

G82 **QUIK STOP #35** **HIST UST** **U001609570**
SW **816 MCMINN AVE** **EMI** **N/A**
< 1/8 **SANTA ROSA, CA 95407**
0.119 mi.
628 ft. **Site 6 of 12 in cluster G**

Relative:
Lower

Actual:
137 ft.

HIST UST:

Name:	QUIK STOP #35
Address:	816 MCMINN AVE
City,State,Zip:	SANTA ROSA, CA 95407
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000002687
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	DONG NGUYEN
Telephone:	7075282382
Owner Name:	QUIK STOP MARKETS INC
Owner Address:	4567 ENTERPRISE ST
Owner City,St,Zip:	FREMONT, CA 94538
Total Tanks:	0002
Tank Num:	001
Container Num:	8
Year Installed:	1970
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:	9
Year Installed:	1970
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

EMI:

Name:	QUIK STOP #35
Address:	816 MCMINN AVE
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2017
County Code:	49
Air Basin:	SF
Facility ID:	109819
Air District Name:	BA
SIC Code:	5411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.3275457
Reactive Organic Gases Tons/Yr:	0.3275457
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported

QUIK STOP #35 (Continued) **U001609570**

Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

G83 **QUIK STOP MARKETS INC #35** **RCRA NonGen / NLR** **1024788414**
SW **816 MC MINN AVENUE** **CAL000045882**
< 1/8 **SANTA ROSA, CA 95407**
0.119 mi.
628 ft. **Site 7 of 12 in cluster G**

Relative:
Lower

Actual:
137 ft.

RCRA NonGen / NLR:
Date form received by agency: 03/23/1995
Facility name: QUIK STOP MARKETS INC #35
Facility address: 816 MC MINN AVENUE
SANTA ROSA, CA 95407-0000
EPA ID: CAL000045882
Mailing address: 4567 ENTERPRISE ST
FREMONT, CA 94538-7605
Contact: ROGER BATRA
Contact address: 4567 ENTERPRISE STREET
FREMONT, CA 94538
Contact country: Not reported
Contact telephone: 510-445-2285
Contact email: ROGER.BATRA@QUIKSTOP.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ROGER BATRA
Owner/operator address: 4567 ENTERPRISE STREET
FREMONT, CA 94538
Owner/operator country: Not reported
Owner/operator telephone: 510-445-2285
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: QUIK STOP MARKETS INC
Owner/operator address: 4567 ENTERPRISE ST
FREMONT, CA 94538
Owner/operator country: Not reported
Owner/operator telephone: 510-657-8500
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
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

QUIK STOP MARKETS INC #35 (Continued) **1024788414**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

G84 **QUIK STOP MARKET NO. 35** **LUST S101304942**
SW **816 MCMINN AVENUE** **ENF N/A**
< 1/8 **SANTA ROSA, CA 95407** **HIST CORTESE**
0.119 mi. **CIWQS**
628 ft. **Site 8 of 12 in cluster G**

Relative: **Lower**
Actual: **137 ft.**

LUST REG 1:

Region:	1
Facility ID:	1TSR275
Staff Initials:	WTE

ENF:

Name:	QUIK STOP MARKET NO. 35
Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	251203
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.428551
Place Longitude:	-122.732316
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	241751
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/30/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/30/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description:	PETROLEUM CONTAMINATED GROUNDWATER INCLUDING WATER WELLS IN THE AREA.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	QUIK STOP MARKET NO. 35
Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	251203
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.428551
Place Longitude:	-122.732316
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	222999
Region:	1
Order / Resolution Number:	LT941020
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	10/20/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/20/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description:	REQUESTING SUBMITTAL OF CLARIFICATIONS IN A BRIEF ADDENDUM TO WORKPLAN.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	QUIK STOP MARKET NO. 35
Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	251203
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.428551
Place Longitude:	-122.732316
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	222771
Region:	1
Order / Resolution Number:	LT941121
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	11/21/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/21/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

Status:	Historical
Title:	Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description:	REQUESTING FIVE DAYS PRIOR NOTICE OF FIELD WORK.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	QUIK STOP MARKET NO. 35
Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	251203
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.428551
Place Longitude:	-122.732316
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223530
Region:	1
Order / Resolution Number:	LT940411
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/11/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/11/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description:	REQUESTING FIVE DAYS PRIOR NOTICE OF ANY WORK COMMENCING ON SITE.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	QUIK STOP MARKET NO. 35
Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	251203
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.428551
Place Longitude:	-122.732316
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

Enforcement Id(EID):	223324
Region:	1
Order / Resolution Number:	LT940627
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/27/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/27/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description:	REQUESTING ACKNOWLEDGE OF INTENT TO RECOVER COST FOR CLEANUP OVERSIGHT.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	QUIK STOP MARKET NO. 35
Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	251203
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.428551
Place Longitude:	-122.732316
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223206
Region:	1
Order / Resolution Number:	LT940728
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/28/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/28/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description:	REQUESTING SUBMITTAL OF WORKPLAN.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

Name:	QUIK STOP MARKET NO. 35
Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	251203
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.428551
Place Longitude:	-122.732316
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220116
Region:	1
Order / Resolution Number:	LT950830
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/30/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/30/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR275NUG Quik Stop Market No. 35
Description:	REQUESTING SUBMITTAL OF STATUS REPORT.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	QUICK STOP MARKET
edr_fadd1:	816 MCMINN
City,State,Zip:	SANTA ROSA, CA 95407
Region:	CORTESE
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSR275

CIWQS:

Name:	QUIK STOP MARKET NO. 35
Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Agency:	Quik Stop Markets Inc
Agency Address:	4567 Enterprise Street, Fremont, CA 94538
Place/Project Type:	Gasoline Service Station
SIC/NAICS:	Not reported
Region:	1
Program:	UST
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee - WDR
Order Number:	R1-2006-0107
WDID:	1B07034RSON

QUIK STOP MARKET NO. 35 (Continued) **S101304942**

NPDES Number:	Not reported
Adoption Date:	Not reported
Effective Date:	05/29/2009
Termination Date:	06/30/2018
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	A
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	38.428551
Longitude:	-122.732316

G85 **QUIK STOP MARKET #35** **LUST** **U002244387**
SW **816 MCMINN AVE** **CERS HAZ WASTE** **N/A**
< 1/8 **SANTA ROSA, CA 95407** **SWEEPS UST**
0.119 mi. **CERS TANKS**
628 ft. **Site 9 of 12 in cluster G** **Cortese**
CUPA Listings
Relative: **CERS**
Lower

Actual: **137 ft.**

LUST:

Name:	QUIK STOP MARKET #35
Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700721
Global Id:	T0609700721
Latitude:	38.42877986
Longitude:	-122.732159188
Status:	Open - Verification Monitoring
Status Date:	09/21/2016
Case Worker:	TNM
RB Case Number:	1TSR275
Local Agency:	SANTA ROSA, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Well used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	The site is a convenience store that sells gasoline. In December 1998, two 10,000-gallon, single-walled steel underground storage tanks (USTs) were replaced with larger double walled USTs in the same excavation. Soil and groundwater contaminated by gasoline was found during these activities. From 1998 to now, site assessment activities have included soil borings, installation of 14 monitoring wells at various depths, and regular groundwater monitoring. Cleanup work has included removing 500 yards of impacted material and 30,000 gallons of contaminated groundwater during 1998 and operation of an ozone sparge system for over 10 years at various depths on site. These activities appear to have had a positive impact on reducing the amount of fuel constituents in the upper layers of soil and groundwater at the site.

LUST:

Global Id:	T0609700721
Contact Type:	Regional Board Caseworker

QUIK STOP MARKET #35 (Continued) **U002244387**

Contact Name: TOM MAGNEY
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: tom.magney@waterboards.ca.gov
Phone Number: 7075762030

LUST:

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/01/2009
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 04/27/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 04/29/2009
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 01/21/2009
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/08/2009
Action: 13267 Monitoring Program

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 05/18/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 04/29/2009
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/29/2009
Action: File review

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 10/12/2018
Action: File review

Global Id: T0609700721
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

QUIK STOP MARKET #35 (Continued) **U002244387**

Global Id: T0609700721
Action Type: RESPONSE
Date: 08/01/2008
Action: Remedial Progress Report

Global Id: T0609700721
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 11/25/2002
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/28/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 08/26/2009
Action: Waste Discharge Requirements

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 04/30/2002
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/08/2010
Action: Staff Letter

Global Id: T0609700721
Action Type: RESPONSE
Date: 12/28/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE

QUIK STOP MARKET #35 (Continued) **U002244387**

Date: 04/01/2003
Action: Soil and Water Investigation Report

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/01/2004
Action: * No Action

Global Id: T0609700721
Action Type: Other
Date: 01/01/1992
Action: Leak Discovery

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 12/28/2005
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/18/2007
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 08/26/2005
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/07/2006
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/27/2006
Action: 13267 Monitoring Program - #R1-2006-0083

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/18/2006
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 09/05/2006
Action: Verbal Communication

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/15/2011
Action: Site Visit / Inspection / Sampling

QUIK STOP MARKET #35 (Continued) **U002244387**

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 03/21/2011
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/16/2011
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/13/2011
Action: Staff Letter

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0609700721
Action Type: RESPONSE
Date: 09/16/2016
Action: Other Report / Document

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 02/02/2007
Action: Notice of Violation

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 05/24/2007
Action: Waste Discharge Requirements

Global Id: T0609700721
Action Type: Other

QUIK STOP MARKET #35 (Continued) **U002244387**

Date: 01/01/1992
Action: Leak Stopped

Global Id: T0609700721
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 12/11/2006
Action: Remedial Progress Report

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/03/2012
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0609700721
Action Type: RESPONSE
Date: 10/18/2016
Action: Other Report / Document

Global Id: T0609700721
Action Type: RESPONSE
Date: 02/01/2011
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0609700721
Action Type: RESPONSE
Date: 05/01/2011
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0609700721
Action Type: RESPONSE
Date: 06/16/2011
Action: Well Installation Report - Regulator Responded

Global Id: T0609700721
Action Type: RESPONSE
Date: 11/07/2013
Action: Other Report / Document - Regulator Responded

Global Id: T0609700721
Action Type: RESPONSE
Date: 08/30/2013
Action: Other Workplan - Regulator Responded

Global Id: T0609700721
Action Type: RESPONSE
Date: 10/23/2013
Action: Other Workplan - Regulator Responded

Global Id: T0609700721
Action Type: RESPONSE
Date: 11/18/2013
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

QUIK STOP MARKET #35 (Continued) **U002244387**

Global Id: T0609700721
Action Type: RESPONSE
Date: 03/28/2019
Action: Other Workplan - Regulator Responded

Global Id: T0609700721
Action Type: REMEDIATION
Date: 11/07/2006
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700721
Action Type: REMEDIATION
Date: 11/30/1998
Action: Excavation

Global Id: T0609700721
Action Type: REMEDIATION
Date: 11/30/1998
Action: Soil Vapor Extraction (SVE)

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 01/27/2012
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 08/18/2016
Action: Verbal Enforcement

Global Id: T0609700721
Action Type: RESPONSE
Date: 05/01/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 10/31/2005
Action: Interim Remedial Action Plan

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE

QUIK STOP MARKET #35 (Continued) **U002244387**

Date: 06/22/2006
Action: Other Report / Document

Global Id: T0609700721
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 02/17/2006
Action: Other Report / Document

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/21/2006
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 06/17/2003
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 10/07/2013
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/29/2013
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/29/2013
Action: Staff Letter

Global Id: T0609700721
Action Type: Other
Date: 01/01/1992
Action: Leak Reported

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

QUIK STOP MARKET #35 (Continued) **U002244387**

Global Id: T0609700721
Action Type: RESPONSE
Date: 05/02/2007
Action: NPDES / WDR Reports

Global Id: T0609700721
Action Type: RESPONSE
Date: 09/30/2013
Action: Sensitive Receptor Survey Report

Global Id: T0609700721
Action Type: RESPONSE
Date: 09/30/2013
Action: Conceptual Site Model

Global Id: T0609700721
Action Type: RESPONSE
Date: 09/13/2013
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 05/09/2008
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 05/30/2008
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 09/04/2012
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 05/18/2012
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 09/04/2012
Action: 13267 Monitoring Program - #R1-2012-0098

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 01/28/2019
Action: Staff Letter

Global Id: T0609700721
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE

QUIK STOP MARKET #35 (Continued) **U002244387**

Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 05/18/2007
Action: Remedial Progress Report

Global Id: T0609700721
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700721
Action Type: RESPONSE
Date: 12/09/2013
Action: Sensitive Receptor Survey Report

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 10/07/2008
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 07/16/2013
Action: File review

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 09/04/2012
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 11/08/2013
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 11/12/2013
Action: 13267 Monitoring Program

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 11/12/2013
Action: Staff Letter

Global Id: T0609700721
Action Type: ENFORCEMENT
Date: 03/13/2019
Action: Email Correspondence

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

QUIK STOP MARKET #35 (Continued) **U002244387**

Global Id: T0609700721
Action Type: RESPONSE
Date: 12/15/2008
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609700721
Action Type: RESPONSE
Date: 07/03/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700721
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0609700721
Status: Open - Case Begin Date
Status Date: 01/01/1992

Global Id: T0609700721
Status: Open - Site Assessment
Status Date: 05/21/1993

Global Id: T0609700721
Status: Open - Site Assessment
Status Date: 02/07/1994

Global Id: T0609700721
Status: Open - Site Assessment
Status Date: 04/11/1994

Global Id: T0609700721
Status: Open - Site Assessment
Status Date: 11/21/1994

Global Id: T0609700721
Status: Open - Site Assessment
Status Date: 08/01/2002

Global Id: T0609700721
Status: Open - Remediation
Status Date: 12/11/2006

Global Id: T0609700721
Status: Open - Remediation
Status Date: 05/18/2007

Global Id: T0609700721
Status: Open - Verification Monitoring
Status Date: 09/21/2016

CERS HAZ WASTE:
Name: QUIK STOP MARKET #35
Address: 816 MCMINN AVENUE

QUIK STOP MARKET #35 (Continued) **U002244387**

City,State,Zip: SANTA ROSA, CA 95407
Site ID: 218292
CERS ID: 10129309
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: QUIK STOP MARKET #35
Address: 816 MCMINN AVE
City: SANTA ROSA
Status: Active
Comp Number: 1331
Number: 1
Board Of Equalization: 44-027803
Referral Date: 09-18-91
Action Date: 09-18-91
Created Date: 03-31-89
Owner Tank Id: 2
SWRCB Tank Id: 49-000-001331-000001
Tank Status: A
Capacity: 10000
Active Date: 09-18-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Name: QUIK STOP MARKET #35
Address: 816 MCMINN AVE
City: SANTA ROSA
Status: Active
Comp Number: 1331
Number: 1
Board Of Equalization: 44-027803
Referral Date: 09-18-91
Action Date: 09-18-91
Created Date: 03-31-89
Owner Tank Id: 1
SWRCB Tank Id: 49-000-001331-000002
Tank Status: A
Capacity: 10000
Active Date: 09-18-91
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

CERS TANKS:
Name: QUIK STOP MARKET #35
Address: 816 MCMINN AVENUE
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 218292
CERS ID: 10129309
CERS Description: Underground Storage Tank

CORTESE:
Name: QUIK STOP MARKET #35

QUIK STOP MARKET #35 (Continued) **U002244387**

Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0609700721
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - VERIFICATION MONITORING
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CUPA SONOMA:

Name:	QUIK STOP MARKET #35
Add1:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000078
Permit:	Not reported
Type:	UST
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Permit to Operate - 2 tanks
CERS ID:	10129309
Experation Date:	11/17/2018

Name:	QUIK STOP MARKET #35
Add1:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000078
Permit:	Not reported
Type:	Hazardous Waste
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	SQG Recyclable - < 5 galllons/month (non-exempt)
CERS ID:	10129309
Experation Date:	11/17/2018

QUIK STOP MARKET #35 (Continued) **U002244387**

Name:	QUIK STOP MARKET #35
Add1:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000078
Permit:	Not reported
Type:	HMBP
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Range 2
CERS ID:	10129309
Experation Date:	11/17/2018

CERS:

Name:	QUIK STOP MARKET #35
Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	218292
CERS ID:	10129309
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	08-31-2015
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the underground storage tank and/or failure to maintain written monitoring and maintenance records on site, or off site if approved by the CUPA, for a period of 3 years, 6 1/2 years for cathodic protection, and 5 years for written performance claims pertaining to release detection systems and calibration and maintenance records for such systems.
Violation Notes:	Returned to compliance on 09/23/2015. Provide a copy of the annual monitoring certification to Sonoma County Fire on or before.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	08-31-2015
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes:	Returned to compliance on 08/31/2015. Install a sign at the emergency shut off to say "Emergency Shut Off".
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	218292
Site Name:	QUIK STOP MARKET #35

QUIK STOP MARKET #35 (Continued) **U002244387**

Violation Date:	09-25-2013
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 09/25/2013.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	08-20-2018
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 09/19/2018. 91 LLD replaced, retested and failed during inspection. Repaired onsite. No further action.
Violation Division:	Santa Rosa City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	09-25-2013
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 10/15/2013.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	08-25-2016
Citation:	HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Description:	Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.
Violation Notes:	Returned to compliance on 08/25/2016. The 87 octane Bravo float/chain in UDC 3/4 was lengthened to the point that the float was as high as it would go and there was still slack in the chain and the shear valve did not trip. The service tech. adjusted the chain, retested - Okay Owner/Operator shall not disable or tamper with monitoring equipment. Repair/replace equipment so that it functions per manufacturer's specifications. Submit verification.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	218292

QUIK STOP MARKET #35 (Continued) **U002244387**

Site Name:	QUIK STOP MARKET #35
Violation Date:	09-25-2013
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes:	Returned to compliance on 10/15/2013.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	08-20-2018
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 10/23/2018. No work order provided/created for recurring alarms on 87 annular. Please service annular sensor and keep work order onsite.
Violation Division:	Santa Rosa City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	08-25-2016
Citation:	HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple
Violation Description:	UST Program - Administration/Documentation - General - Must include violation description, proper statute and regulation citation in the "comment" section.
Violation Notes:	Returned to compliance on 08/30/2016. Provide a copy of the Annual Monitoring Certification to Sonoma County Fire on or before September 26, 2016. This is not considered a violation unless the Annual Monitoring Certification is not submitted on or before September 26, 2016.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-03-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-03-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	No violations observed during the inspection. Did not witness all of the testing, see inspection report for further.

QUIK STOP MARKET #35 (Continued) **U002244387**

Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-14-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	(cold start permit) Observed recertification of sensors after Cold Start and reprogramming of monitoring panel required by POS software changes. All programming correct and sensors functional. discovered sticky relay in premium turbine; technician replaced and retested. Permit Approved and Finaled.
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-20-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-20-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-20-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-23-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	All systems passed as designed and/or programmed. DO log and employee training current. No violations noted.
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-25-2016
Violations Found:	No

QUIK STOP MARKET #35 (Continued) **U002244387**

Eval Type:	Routine done by local agency
Eval Notes:	I did not witness any violations during the inspection.
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-25-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-31-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	For additional information see written request in file.
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-24-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-24-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-24-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-25-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department

QUIK STOP MARKET #35 (Continued) **U002244387**

Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-25-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

Coordinates:
Site ID: 218292
Facility Name: QUIK STOP MARKET #35
Env Int Type Code: LUSTCS
Program ID: T0609700721
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 38.428780
Longitude: -122.732159

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Rosa Fire Dept
Entity Title: Not reported
Affiliation Address: 2373 Circadian Way
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95407
Affiliation Phone: (707) 543-3500

Affiliation Type Desc: Operator
Entity Name: Kamalpreet Singh & Paramjit Kaur
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 528-2382

Affiliation Type Desc: Property Owner
Entity Name: Separate Property Marital Trust Geo. Frankenstein Trustee
Entity Title: Not reported
Affiliation Address: 600 California Street
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94108
Affiliation Phone: (650) 249-2001

Affiliation Type Desc: Regional Board Caseworker
Entity Name: TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported

QUIK STOP MARKET #35 (Continued) **U002244387**

Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762030
Affiliation Type Desc:	Identification Signer
Entity Name:	Debra Lawyer
Entity Title:	Staff-Walton Engineering, Inc.
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Roger Batra
Entity Title:	Director of Environmental Affairs
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(510) 445-2285
Affiliation Type Desc:	UST Tank Owner
Entity Name:	QUIK STOP MARKETS, INC.
Entity Title:	Not reported
Affiliation Address:	4567 Enterprise Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 657-8500
Affiliation Type Desc:	Document Preparer
Entity Name:	Debra Lawyer
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	4567 Enterprise Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94538
Affiliation Phone:	Not reported

QUIK STOP MARKET #35 (Continued) **U002244387**

Affiliation Type Desc:	Environmental Contact
Entity Name:	Toni VonRuden
Entity Title:	Not reported
Affiliation Address:	302 W. 3rd Street Floor 3
Affiliation City:	Cincinnati
Affiliation State:	OH
Affiliation Country:	Not reported
Affiliation Zip:	45202
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	QUIK STOP MARKETS, INC.
Entity Title:	Not reported
Affiliation Address:	4567 Enterprise Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 657-8500

Affiliation Type Desc:	Parent Corporation
Entity Name:	QUIK STOP MARKETS, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Separate Property Marital Trust Geo. Frankenstein, Trustee
Entity Title:	Not reported
Affiliation Address:	600 California Street
Affiliation City:	San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94108
Affiliation Phone:	(650) 249-2001

Affiliation Type Desc:	UST Tank Operator
Entity Name:	QUIK STOP MARKETS, INC.
Entity Title:	Not reported
Affiliation Address:	4567 Enterprise Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 657-8500

Name:	QUIK STOP MARKET #35
Address:	816 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	218292
CERS ID:	T0609700721
CERS Description:	Leaking Underground Storage Tank Cleanup Site

QUIK STOP MARKET #35 (Continued) **U002244387**

Violations:

Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	08-31-2015
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the underground storage tank and/or failure to maintain written monitoring and maintenance records on site, or off site if approved by the CUPA, for a period of 3 years, 6 1/2 years for cathodic protection, and 5 years for written performance claims pertaining to release detection systems and calibration and maintenance records for such systems.
Violation Notes:	Returned to compliance on 09/23/2015. Provide a copy of the annual monitoring certification to Sonoma County Fire on or before.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	08-31-2015
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes:	Returned to compliance on 08/31/2015. Install a sign at the emergency shut off to say "Emergency Shut Off".
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	09-25-2013
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 09/25/2013.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	08-20-2018
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 09/19/2018. 91 LLD replaced, retested and failed during inspection. Repaired onsite. No further action.
Violation Division:	Santa Rosa City Fire Department
Violation Program:	UST
Violation Source:	CERS

QUIK STOP MARKET #35 (Continued) **U002244387**

Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	09-25-2013
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 10/15/2013.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	08-25-2016
Citation:	HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Description:	Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.
Violation Notes:	Returned to compliance on 08/25/2016. The 87 octane Bravo float/chain in UDC 3/4 was lengthened to the point that the float was as high as it would go and there was still slack in the chain and the shear valve did not trip. The service tech. adjusted the chain, retested - Okay Owner/Operator shall not disable or tamper with monitoring equipment. Repair/replace equipment so that it functions per manufacturer's specifications. Submit verification.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	09-25-2013
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes:	Returned to compliance on 10/15/2013.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	218292
Site Name:	QUIK STOP MARKET #35
Violation Date:	08-20-2018
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 10/23/2018. No work order provided/created for recurring alarms on 87 annular. Please service annular sensor and keep work order onsite.
Violation Division:	Santa Rosa City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID: 218292

QUIK STOP MARKET #35 (Continued) **U002244387**

Site Name: QUIK STOP MARKET #35
Violation Date: 08-25-2016
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple
Violation Description: UST Program - Administration/Documentation - General - Must include violation description, proper statute and regulation citation in the "comment" section.
Violation Notes: Returned to compliance on 08/30/2016. Provide a copy of the Annual Monitoring Certification to Sonoma County Fire on or before September 26, 2016. This is not considered a violation unless the Annual Monitoring Certification is not submitted on or before September 26, 2016.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-03-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: No violations observed during the inspection. Did not witness all of the testing, see inspection report for further.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: (cold start permit) Observed recertification of sensors after Cold Start and reprogramming of monitoring panel required by POS software changes. All programming correct and sensors functional. discovered sticky relay in premium turbine; technician replaced and retested. Permit Approved and Finaled.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-20-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HMRRP
Eval Source: CERS

QUIK STOP MARKET #35 (Continued) **U002244387**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-20-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-20-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-23-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	All systems passed as designed and/or programmed. DO log and employee training current. No violations noted.
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-25-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	I did not witness any violations during the inspection.
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-25-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-31-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	For additional information see written request in file.
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-24-2014

QUIK STOP MARKET #35 (Continued) **U002244387**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-24-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-24-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-25-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-25-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	UST
Eval Source:	CERS

Coordinates:

Site ID:	218292
Facility Name:	QUIK STOP MARKET #35
Env Int Type Code:	LUSTCS
Program ID:	T0609700721
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	38.428780
Longitude:	-122.732159

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Rosa Fire Dept

QUIK STOP MARKET #35 (Continued) **U002244387**

Entity Title:	Not reported
Affiliation Address:	2373 Circadian Way
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	(707) 543-3500
Affiliation Type Desc:	Operator
Entity Name:	Kamalpreet Singh & Paramjit Kaur
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 528-2382
Affiliation Type Desc:	Property Owner
Entity Name:	Separate Property Marital Trust Geo. Frankenstein Trustee
Entity Title:	Not reported
Affiliation Address:	600 California Street
Affiliation City:	San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94108
Affiliation Phone:	(650) 249-2001
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762030
Affiliation Type Desc:	Identification Signer
Entity Name:	Debra Lawyer
Entity Title:	Staff-Walton Engineering, Inc.
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Roger Batra
Entity Title:	Director of Environmental Affairs
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(510) 445-2285

QUIK STOP MARKET #35 (Continued) **U002244387**

Affiliation Type Desc:	UST Tank Owner
Entity Name:	QUIK STOP MARKETS, INC.
Entity Title:	Not reported
Affiliation Address:	4567 Enterprise Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 657-8500

Affiliation Type Desc:	Document Preparer
Entity Name:	Debra Lawyer
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	4567 Enterprise Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94538
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Toni VonRuden
Entity Title:	Not reported
Affiliation Address:	302 W. 3rd Street Floor 3
Affiliation City:	Cincinnati
Affiliation State:	OH
Affiliation Country:	Not reported
Affiliation Zip:	45202
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	QUIK STOP MARKETS, INC.
Entity Title:	Not reported
Affiliation Address:	4567 Enterprise Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 657-8500

Affiliation Type Desc:	Parent Corporation
Entity Name:	QUIK STOP MARKETS, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

QUIK STOP MARKET #35 (Continued) **U002244387**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Separate Property Marital Trust Geo. Frankenstein, Trustee
Entity Title:	Not reported
Affiliation Address:	600 California Street
Affiliation City:	San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94108
Affiliation Phone:	(650) 249-2001
Affiliation Type Desc:	UST Tank Operator
Entity Name:	QUIK STOP MARKETS, INC.
Entity Title:	Not reported
Affiliation Address:	4567 Enterprise Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 657-8500

G86 **MCMINN AVENUE AREA** **CPS-SLIC S118172381**
SW **SEBASTOPOL ROAD / ROSELAND AREA** **CERS N/A**
< 1/8 **SANTA ROSA, CA 95401**
0.124 mi.
656 ft. **Site 10 of 12 in cluster G**

Relative: **Lower**
Actual: **137 ft.**

CPS-SLIC:

Name:	MCMINN AVENUE AREA
Address:	SEBASTOPOL ROAD / ROSELAND AREA
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	05/19/2011
Global Id:	T0609793565
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4289444076905
Longitude:	-122.732406109572
Case Type:	Cleanup Program Site
Case Worker:	BBB
Local Agency:	SANTA ROSA, CITY OF
RB Case Number:	1NSR219
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Indoor Air, Soil, Soil Vapor, Surface water, Well used for drinking water supply
Potential Contaminants of Concern:	1,1,1-Trichloroethane (TCA), Benzene, Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Toluene, Trichloroethylene (TCE), Xylene, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	The McMinn Area is located in southwest Santa Rosa, primarily along Sebastopol Road between Stony Point Road and Dutton Avenue. This McMinn Avenue area entry in Geotracker is not an actual Cleanup Program site, but rather a tool used historically as part of evaluating groundwater contamination in the area. Several sites are

MCMINN AVENUE AREA (Continued) **S118172381**

located within this area and are addressed as seperate case numbers. Oversight of groundwater contamination in this area is now through the individual site cases. However, this Geotracker entry includes some historic documents under the site documents tab.

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

CERS:

Name:	MCMINN AVENUE AREA
Address:	SEBASTOPOL ROAD / ROSELAND AREA
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	358857
CERS ID:	T0609793565
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title:	Not reported
Affiliation Address:	625 5th Street
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075433500

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	SCP OPEN INACTIVE GENERAL CONTACT - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

G87 **MCMINN AVENUE SUPERFUND AREA** **Notify 65** **S118152737**
SW **1100 SEBASTOPOL ROAD / ROSELAND AREA** **N/A**
1/8-1/4 **SANTA ROSA, CA 95401**
0.134 mi.
708 ft. **Site 11 of 12 in cluster G**

Relative:
Lower

Actual:
137 ft.

NOTIFY 65:

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

I88 **JAMES MURRILL** **SWEEPS UST** **S101627165**
WNW **439 ROSLAND AVE** **CA FID UST** **N/A**
1/8-1/4 **SANTA ROSA, CA 95401**
0.134 mi.
709 ft. **Site 6 of 9 in cluster I**

Relative:
Lower

Actual:
139 ft.

SWEEPS UST:

Name:	JAMES MURRILL
Address:	439 ROSLAND AVE
City:	SANTA ROSA
Status:	Active
Comp Number:	14589
Number:	9
Board Of Equalization:	44-028192
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	49-060-014589-000001
Tank Status:	A
Capacity:	2000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	2

Name:	JAMES MURRILL
Address:	439 ROSLAND AVE
City:	SANTA ROSA
Status:	Active
Comp Number:	14589
Number:	9
Board Of Equalization:	44-028192
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	49-060-014589-000002
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	49003693
Regulated By:	UTNKA
Regulated ID:	00014589
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7075451159
Mail To:	Not reported
Mailing Address:	439 ROSLAND AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA ROSA 95401
Contact:	Not reported

JAMES MURRILL (Continued) **S101627165**

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

I89 **MURRILL, JAMES** **LUST** **S102434083**
WNW **439 ROSELAND** **HIST CORTESE** **N/A**
1/8-1/4 **SANTA ROSA, CA 95401** **CERS**
0.134 mi.
709 ft. **Site 7 of 9 in cluster I**

Relative:
Lower

Actual:
139 ft.

LUST:
Name: MURRILL, JAMES
Address: 439 ROSELAND AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700072
Global Id: T0609700072
Latitude: 38.431103
Longitude: -122.733921
Status: Completed - Case Closed
Status Date: 12/20/1988
Case Worker: ZZZ
RB Case Number: 1TSO099
Local Agency: SONOMA COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700072
Contact Type: Local Agency Caseworker
Contact Name: ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700072
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700072
Action Type: ENFORCEMENT
Date: 01/27/1999
Action: * Historical Enforcement

MURRILL, JAMES (Continued) **S102434083**

Global Id: T0609700072
Action Type: Other
Date: 08/24/1987
Action: Leak Discovery

Global Id: T0609700072
Action Type: Other
Date: 08/24/1987
Action: Leak Stopped

Global Id: T0609700072
Action Type: Other
Date: 08/24/1987
Action: Leak Reported

LUST:
Global Id: T0609700072
Status: Open - Case Begin Date
Status Date: 08/24/1987

Global Id: T0609700072
Status: Open - Site Assessment
Status Date: 09/04/1987

Global Id: T0609700072
Status: Open - Remediation
Status Date: 12/19/1988

Global Id: T0609700072
Status: Open - Site Assessment
Status Date: 12/19/1988

Global Id: T0609700072
Status: Open - Verification Monitoring
Status Date: 12/19/1988

Global Id: T0609700072
Status: Completed - Case Closed
Status Date: 12/20/1988

LUST REG 1:
Region: 1
Facility ID: 1TSO099
Staff Initials: Closed

HIST CORTESE:
edr_fname: MURRILL, JAMES
edr_fadd1: 439 ROSELAND
City,State,Zip: SANTA ROSA, CA 95401
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO099

MURRILL, JAMES (Continued) **S102434083**

CERS:
- Name: MURRILL, JAMES
- Address: 439 ROSELAND AVENUE
- City,State,Zip: SANTA ROSA, CA 95401
- Site ID: 240316
- CERS ID: T0609700072
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
- Entity Title: Not reported
- Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
- Affiliation City: SANTA ROSA
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: 7075762220

- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
- Entity Title: Not reported
- Affiliation Address: 625 5th Street
- Affiliation City: SANTA ROSA
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

I90 **JAMES MURRILL** **HIST UST** **U001609226**
WNW **439 ROSELAND AVE** **N/A**
1/8-1/4 **SANTA ROSA, CA 95401**
0.134 mi.
709 ft. **Site 8 of 9 in cluster I**

Relative:
Lower

Actual:
139 ft.

HIST UST:
- Name: JAMES MURRILL
- Address: 439 ROSELAND AVE
- City,State,Zip: SANTA ROSA, CA 95401
- File Number: Not reported
- URL: Not reported
- Region: STATE
- Facility ID: 00000014589
- Facility Type: Other
- Other Type: RESIDENCE
- Contact Name: Not reported
- Telephone: 7075451159
- Owner Name: JAMES MURRILL
- Owner Address: 332 OAK TREE DR.
- Owner City,St,Zip: SANTA ROSA, CA 95401
- Total Tanks: 0000

- Tank Num: 001
- Container Num: 1
- Year Installed: 1978
- Tank Capacity: 00002000
- Tank Used for: PRODUCT

JAMES MURRILL (Continued) **U001609226**

Type of Fuel:	UNLEADED
Container Construction Thickness:	12
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1978
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	12
Leak Detection:	Visual, Stock Inventor

G91 **TRIPLE S TIRES** **LUST** **S101309844**
SW **1124 SEBASTOPOL ROAD** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407** **Cortese**
0.142 mi. **CUPA Listings**
752 ft. **Site 12 of 12 in cluster G** **ENF**
HIST CORTESE
Relative: **CERS**
Lower

Actual: **136 ft.**

LUST:

Name:	FORMER EXXON 7-2639
Address:	1124 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700364
Global Id:	T0609700364
Latitude:	38.4286543
Longitude:	-122.7325167
Status:	Open - Remediation
Status Date:	03/13/2015
Case Worker:	TNM
RB Case Number:	1TSO515
Local Agency:	SONOMA COUNTY
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Well used for drinking water supply
Potential Contaminants of Concern:	Benzene, Toluene, Xylene, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History:	Former service station. Petroleum hydrocarbons impacting soil and groundwater. Extent of off-site contamination needs to be defined, but is stalled pending access agreements with neighboring property owner. Located within the former McMinn Superfund area.

LUST:

Global Id:	T0609700364
Contact Type:	Local Agency Caseworker
Contact Name:	ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name:	SONOMA COUNTY
Address:	625 5th Street
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported
Global Id:	T0609700364
Contact Type:	Regional Board Caseworker

TRIPLE S TIRES (Continued) **S101309844**

Contact Name: TOM MAGNEY
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: tom.magney@waterboards.ca.gov
Phone Number: 7075762030

LUST:

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: File review

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 06/19/2009
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 03/06/2019
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700364
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 12/24/2007
Action: Soil and Water Investigation Report

Global Id: T0609700364
Action Type: RESPONSE
Date: 04/13/2015
Action: Other Report / Document

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 07/25/2002
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 03/09/2015
Action: Email Correspondence

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 03/13/2015
Action: Staff Letter

TRIPLE S TIRES (Continued) **S101309844**

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 03/09/2009
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700364
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 04/15/2014
Action: Staff Letter

Global Id: T0609700364
Action Type: RESPONSE
Date: 09/25/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700364
Action Type: RESPONSE
Date: 12/28/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 08/29/2005
Action: Staff Letter

Global Id: T0609700364
Action Type: Other
Date: 07/14/1992
Action: Leak Discovery

Global Id: T0609700364
Action Type: RESPONSE
Date: 04/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700364
Action Type: RESPONSE
Date: 10/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700364
Action Type: RESPONSE
Date: 02/12/2016
Action: Other Report / Document

Global Id: T0609700364
Action Type: ENFORCEMENT

TRIPLE S TIRES (Continued) **S101309844**

Date: 02/04/2005
Action: * No Action

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 07/01/2004
Action: * No Action

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 12/01/2006
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 03/16/2011
Action: File review

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 09/22/2015
Action: Verbal Enforcement

Global Id: T0609700364
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 02/04/2004
Action: Sensitive Receptor Survey Report

Global Id: T0609700364
Action Type: RESPONSE
Date: 11/01/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700364
Action Type: RESPONSE
Date: 02/01/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 02/12/2016
Action: Other Report / Document

TRIPLE S TIRES (Continued) **S101309844**

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 10/03/2007
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 01/03/2008
Action: Verbal Enforcement

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 04/18/2011
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 07/20/2011
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 04/14/2011
Action: Meeting

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 11/12/2015
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 01/06/2017
Action: Email Correspondence

Global Id: T0609700364
Action Type: Other
Date: 07/14/1992
Action: Leak Stopped

Global Id: T0609700364
Action Type: RESPONSE
Date: 07/06/2007
Action: Other Workplan

Global Id: T0609700364
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE

TRIPLE S TIRES (Continued) **S101309844**

Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 03/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 10/09/2012
Action: Interim Remedial Action Plan

Global Id: T0609700364
Action Type: RESPONSE
Date: 07/01/2011
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0609700364
Action Type: RESPONSE
Date: 06/01/2011
Action: Well Installation Report - Regulator Responded

Global Id: T0609700364
Action Type: RESPONSE
Date: 12/30/2011
Action: Well Installation Report - Regulator Responded

Global Id: T0609700364
Action Type: RESPONSE
Date: 12/22/2017
Action: Request for Closure - Regulator Responded

Global Id: T0609700364
Action Type: RESPONSE
Date: 03/01/2019
Action: Other Workplan - Regulator Responded

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 05/04/2007
Action: Staff Letter

Global Id: T0609700364
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

TRIPLE S TIRES (Continued) **S101309844**

Global Id: T0609700364
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 10/09/2012
Action: Soil and Water Investigation Workplan

Global Id: T0609700364
Action Type: RESPONSE
Date: 05/01/2013
Action: Other Report / Document

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 03/22/1993
Action: * Historical Enforcement

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 11/25/2002
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 12/07/2005
Action: * Historical Enforcement

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 10/12/2018
Action: File Review - Closure

Global Id: T0609700364
Action Type: Other
Date: 07/14/1992
Action: Leak Reported

Global Id: T0609700364
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Other

Global Id: T0609700364
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 01/15/2008
Action: Other Report / Document

Global Id: T0609700364
Action Type: ENFORCEMENT

TRIPLE S TIRES (Continued) **S101309844**

Date: 05/09/2008
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 08/09/2012
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 06/06/2013
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 01/28/2019
Action: Staff Letter

Global Id: T0609700364
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 08/06/2013
Action: CAP/RAP - Feasibility Study Report

Global Id: T0609700364
Action Type: RESPONSE
Date: 08/06/2013
Action: Conceptual Site Model

Global Id: T0609700364
Action Type: RESPONSE
Date: 06/08/2013
Action: Sensitive Receptor Survey Report

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 10/17/2008
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 10/22/2008
Action: Staff Letter

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 09/25/2008
Action: Meeting

TRIPLE S TIRES (Continued) **S101309844**

Global Id: T0609700364
Action Type: ENFORCEMENT
Date: 03/05/2019
Action: Email Correspondence

Global Id: T0609700364
Action Type: RESPONSE
Date: 08/01/2008
Action: Soil and Water Investigation Workplan

Global Id: T0609700364
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700364
Action Type: RESPONSE
Date: 03/15/2003
Action: Soil and Water Investigation Report

Global Id: T0609700364
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Other

Global Id: T0609700364
Action Type: RESPONSE
Date: 10/01/2015
Action: Other Report / Document

LUST:
Global Id: T0609700364
Status: Open - Case Begin Date
Status Date: 07/14/1992

Global Id: T0609700364
Status: Open - Site Assessment
Status Date: 07/31/1992

Global Id: T0609700364
Status: Open - Site Assessment
Status Date: 11/17/1994

Global Id: T0609700364
Status: Open - Site Assessment
Status Date: 01/23/1995

TRIPLE S TIRES (Continued) **S101309844**

Global Id: T0609700364
Status: Open - Site Assessment
Status Date: 03/09/2000

Global Id: T0609700364
Status: Open - Site Assessment
Status Date: 12/24/2007

Global Id: T0609700364
Status: Open - Remediation
Status Date: 03/13/2015

LUST REG 1:
Region: 1
Facility ID: 1TSO515
Staff Initials: WTE

CERS HAZ WASTE:
Name: TRIPLE S TIRES
Address: 1124 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 77801
CERS ID: 10102606
CERS Description: Hazardous Waste Generator

CORTESE:
Name: TRIPLE S TIRES
Address: 1124 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: 05/01/1993
Region 2: 1
WID Id: 1B1SO515NUG
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

Name: FORMER EXXON 7-2639
Address: 1124 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Region: CORTESE

TRIPLE S TIRES (Continued) **S101309844**

Envirostor Id:	Not reported
Global ID:	T0609700364
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - REMEDIATION
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CUPA SONOMA:

Name:	TRIPLE S TIRES
Add1:	1124 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-001993
Permit:	Not reported
Type:	Hazardous Waste
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	SQG > 325 gallons/year to
CERS ID:	10102606
Experation Date:	04/29/2017

Name:	TRIPLE S TIRES
Add1:	1124 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-001993
Permit:	Not reported
Type:	HMBP
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Range 2
CERS ID:	10102606
Experation Date:	04/29/2017

ENF:

Name:	TRIPLE S TIRES

TRIPLE S TIRES (Continued) **S101309844**

Address:	1124 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	266495
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42852
Place Longitude:	-122.73259
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported

TRIPLE S TIRES (Continued) **S101309844**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219441
Region:	1
Order / Resolution Number:	LT940607
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/07/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/07/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO515NUG Triple S Tires
Description:	REQUESTING SUBMITTAL OF WORKPLAN. NOW LATE.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	TRIPLE S TIRES
Address:	1124 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	266495
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42852
Place Longitude:	-122.73259
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported

TRIPLE S TIRES (Continued) **S101309844**

# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	249619
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/25/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/25/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO515NUG Triple S Tires
Description:	REQUEST FOR WORKPLAN.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1

TRIPLE S TIRES (Continued) **S101309844**

Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	TRIPLE S TIRES
Address:	1124 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	266495
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42852
Place Longitude:	-122.73259
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported

TRIPLE S TIRES (Continued) **S101309844**

301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220624
Region:	1
Order / Resolution Number:	LT930504
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	05/04/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/04/1993
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO515NUG Triple S Tires
Description:	GRANTING EXTENTION OF DUE DATE.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	TRIPLE S TIRES
Address:	1124 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	266495
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42852
Place Longitude:	-122.73259
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported

TRIPLE S TIRES (Continued) **S101309844**

SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220623
Region:	1
Order / Resolution Number:	LT930510
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	05/10/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported

TRIPLE S TIRES (Continued) **S101309844**

Termination Date:	05/10/1993
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO515NUG Triple S Tires
Description:	GRANTING EXTENSION ON DUE DATE.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	TRIPLE S TIRES
Address:	1124 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	266495
Agency Name:	Triple S Tires
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	38.42852
Place Longitude:	-122.73259
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	1B1SO515NUG

TRIPLE S TIRES (Continued) **S101309844**

Reg Measure Id:	154880
Reg Measure Type:	Unregulated
Region:	1
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	09/26/2011
Effective Date:	05/01/1993
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	220731
Region:	1
Order / Resolution Number:	93-044
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/22/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 1B1SO515NUG Triple S Tires
Description:	FINDING OF PETROLEUM CONTAMINATION. CAO ISSUED FOR TIMELY REMEDIATION DETAILING NEEDED FOR CLEANUP.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	TRIPLE S TIRES
edr_fadd1:	1124 SEBASTOPOL
City,State,Zip:	SANTA ROSA, CA
Region:	CORTESE
Facility County Code:	49

TRIPLE S TIRES (Continued) **S101309844**

Reg By: WBC&D
Reg Id: 1B1SO539NUG

edr_fname: TRIPLE S TIRES
edr_fadd1: 1124 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO515

CERS:
Name: FORMER EXXON 7-2639
Address: 1124 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 190337
CERS ID: T0609700364
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762030

Name: TRIPLE S TIRES
Address: 1124 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 77801
CERS ID: 266495
CERS Description: Tanks & Ground Water Clean Up

Violations:
Site ID: 77801
Site Name: Triple S Tires
Violation Date: 10-10-1993
Citation: California Water Code
Violation Description: Not reported
Violation Notes: RP'S HAVE NOT COMPLIED WITH CAO 93-44. NONE OFTHE ORDERS HAS BEEN REPLIED TO.
Violation Division: Water Boards
Violation Program: UST

TRIPLE S TIRES (Continued) **S101309844**

Violation Source:	CIWQS
Site ID:	77801
Site Name:	Triple S Tires
Violation Date:	04-29-2014
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.
Violation Notes:	Returned to compliance on 10/30/2015. Facility has inactive ID number - submit 1358 form to DTSC.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	77801
Site Name:	Triple S Tires
Violation Date:	04-29-2014
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 10/30/2015. Waste oil area messy, brake drum turning area messy - clean and notify county when done.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	77801
Site Name:	Triple S Tires
Violation Date:	04-29-2014
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 12/31/2015. place date of accumualtion of waste on tank.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	77801
Site Name:	Triple S Tires
Violation Date:	04-29-2014
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/30/2015.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	77801
Site Name:	Triple S Tires

TRIPLE S TIRES (Continued) **S101309844**

Violation Date: 04-29-2014
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes: Returned to compliance on 10/30/2015. Refresh employee training.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 77801
Site Name: Triple S Tires
Violation Date: 04-29-2014
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes: Returned to compliance on 10/30/2015.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 77801
Site Name: Triple S Tires
Violation Date: 05-29-2018
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 07/02/2018.
Violation Division: Santa Rosa City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 77801
Site Name: Triple S Tires
Violation Date: 05-29-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/02/2018.
Violation Division: Santa Rosa City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 77801
Site Name: Triple S Tires
Violation Date: 04-29-2014

TRIPLE S TIRES (Continued) **S101309844**

Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 10/30/2015.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	77801
Site Name:	Triple S Tires
Violation Date:	05-29-2018
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 07/02/2018.
Violation Division:	Santa Rosa City Fire Department
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-29-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-29-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Sonoma County Fire & Emergency Services Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-29-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	77801
Site Name:	Triple S Tires
Site Address:	1124 SEBASTOPOL RD
Site City:	SANTA ROSA
Site Zip:	95407
Enf Action Date:	03-22-1993

TRIPLE S TIRES (Continued) **S101309844**

Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 77801
Site Name: Triple S Tires
Site Address: 1124 SEBASTOPOL RD
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 05-04-1993
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 77801
Site Name: Triple S Tires
Site Address: 1124 SEBASTOPOL RD
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 05-10-1993
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 77801
Site Name: Triple S Tires
Site Address: 1124 SEBASTOPOL RD
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 06-07-1994
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 77801
Site Name: Triple S Tires
Site Address: 1124 SEBASTOPOL RD
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 07-25-2002
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST

TRIPLE S TIRES (Continued) **S101309844**

Enf Action Source: CIWQS

Coordinates:
Site ID: 77801
Facility Name: Triple S Tires
Env Int Type Code: CIWQS_TANK
Program ID: 266495
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 38.428520
Longitude: -122.732590

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Alfonso Ceja
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1124 Sebastopol Rd.
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95407
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Alfonso Ceja
Entity Title: Alfonso Ceja
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Santa Rosa Fire Dept
Entity Title: Not reported
Affiliation Address: 2373 Circadian Way
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95407
Affiliation Phone: (707) 543-3500

Affiliation Type Desc: Environmental Contact
Entity Name: Triple S Tires
Entity Title: Not reported

TRIPLE S TIRES (Continued) **S101309844**

Affiliation Address:	1124 Sebastopol Rd.
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Alfonso & Javier
Entity Title:	Not reported
Affiliation Address:	1124 Sebastopol Rd.
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 545-9567
Affiliation Type Desc:	Legal Owner
Entity Name:	Mr. Alfonso Ceja
Entity Title:	Not reported
Affiliation Address:	1124 Sebastopol Rd.
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 545-9567
Affiliation Type Desc:	Operator
Entity Name:	Javier & Alfonso Ceja
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 545-9567
Affiliation Type Desc:	Parent Corporation
Entity Name:	Triple S Tires
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Name:	TRIPLE S TIRES
Address:	1124 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	77801
CERS ID:	10102606
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	77801
Site Name:	Triple S Tires

TRIPLE S TIRES (Continued) **S101309844**

Violation Date: 10-10-1993
Citation: California Water Code
Violation Description: Not reported
Violation Notes: RP'S HAVE NOT COMPLIED WITH CAO 93-44. NONE OFTHE ORDERS HAS BEEN REPLIED TO.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 77801
Site Name: Triple S Tires
Violation Date: 04-29-2014
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 10/30/2015. Facility has inactive ID number - submit 1358 form to DTSC.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 77801
Site Name: Triple S Tires
Violation Date: 04-29-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/30/2015. Waste oil area messy, brake drum turning area messy - clean and notify county when done.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 77801
Site Name: Triple S Tires
Violation Date: 04-29-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/31/2015. place date of accumualtion of waste on tank.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 77801
Site Name: Triple S Tires
Violation Date: 04-29-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

TRIPLE S TIRES (Continued) **S101309844**

Violation Notes:	Returned to compliance on 10/30/2015.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	77801
Site Name:	Triple S Tires
Violation Date:	04-29-2014
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 10/30/2015. Refresh employee training.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	77801
Site Name:	Triple S Tires
Violation Date:	04-29-2014
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 10/30/2015.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	77801
Site Name:	Triple S Tires
Violation Date:	05-29-2018
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 07/02/2018.
Violation Division:	Santa Rosa City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	77801
Site Name:	Triple S Tires
Violation Date:	05-29-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 07/02/2018.

TRIPLE S TIRES (Continued) **S101309844**

Violation Division: Santa Rosa City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 77801
Site Name: Triple S Tires
Violation Date: 04-29-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/30/2015.
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 77801
Site Name: Triple S Tires
Violation Date: 05-29-2018
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 07/02/2018.
Violation Division: Santa Rosa City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-29-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-29-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-29-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HMRRP
Eval Source: CERS

TRIPLE S TIRES (Continued) **S101309844**

Enforcement Action:

Site ID:	77801
Site Name:	Triple S Tires
Site Address:	1124 SEBASTOPOL RD
Site City:	SANTA ROSA
Site Zip:	95407
Enf Action Date:	03-22-1993
Enf Action Type:	Clean-up and Abatement Order
Enf Action Description:	Clean-up and Abatement Order
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UST
Enf Action Source:	CIWQS

Site ID:	77801
Site Name:	Triple S Tires
Site Address:	1124 SEBASTOPOL RD
Site City:	SANTA ROSA
Site Zip:	95407
Enf Action Date:	05-04-1993
Enf Action Type:	Staff Enforcement Letter (Informal)
Enf Action Description:	Staff Enforcement Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UST
Enf Action Source:	CIWQS

Site ID:	77801
Site Name:	Triple S Tires
Site Address:	1124 SEBASTOPOL RD
Site City:	SANTA ROSA
Site Zip:	95407
Enf Action Date:	05-10-1993
Enf Action Type:	Staff Enforcement Letter (Informal)
Enf Action Description:	Staff Enforcement Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UST
Enf Action Source:	CIWQS

Site ID:	77801
Site Name:	Triple S Tires
Site Address:	1124 SEBASTOPOL RD
Site City:	SANTA ROSA
Site Zip:	95407
Enf Action Date:	06-07-1994
Enf Action Type:	Staff Enforcement Letter (Informal)
Enf Action Description:	Staff Enforcement Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UST
Enf Action Source:	CIWQS

Site ID:	77801
Site Name:	Triple S Tires
Site Address:	1124 SEBASTOPOL RD
Site City:	SANTA ROSA

TRIPLE S TIRES (Continued) **S101309844**

Site Zip:	95407
Enf Action Date:	07-25-2002
Enf Action Type:	Staff Enforcement Letter (Informal)
Enf Action Description:	Staff Enforcement Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UST
Enf Action Source:	CIWQS

Coordinates:

Site ID:	77801
Facility Name:	Triple S Tires
Env Int Type Code:	CIWQS_TANK
Program ID:	266495
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	38.428520
Longitude:	-122.732590

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Alfonso Ceja
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1124 Sebastopol Rd.
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Alfonso Ceja
Entity Title:	Alfonso Ceja
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Rosa Fire Dept
Entity Title:	Not reported
Affiliation Address:	2373 Circadian Way
Affiliation City:	Santa Rosa
Affiliation State:	CA

TRIPLE S TIRES (Continued) **S101309844**

Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	(707) 543-3500
Affiliation Type Desc:	Environmental Contact
Entity Name:	Triple S Tires
Entity Title:	Not reported
Affiliation Address:	1124 Sebastopol Rd.
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Alfonso & Javier
Entity Title:	Not reported
Affiliation Address:	1124 Sebastopol Rd.
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 545-9567
Affiliation Type Desc:	Legal Owner
Entity Name:	Mr. Alfonso Ceja
Entity Title:	Not reported
Affiliation Address:	1124 Sebastopol Rd.
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 545-9567
Affiliation Type Desc:	Operator
Entity Name:	Javier & Alfonso Ceja
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 545-9567
Affiliation Type Desc:	Parent Corporation
Entity Name:	Triple S Tires
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

I92 **VALDIVIA TRUCKING** **RCRA NonGen / NLR** **1024870664**
NW **437 ROSELAND AVE** **CAL000439304**
1/8-1/4 **SANTA ROSA, CA 95407**
0.145 mi.
768 ft. **Site 9 of 9 in cluster I**

Relative:
Lower

Actual:
139 ft.

RCRA NonGen / NLR:

Date form received by agency:	09/20/2018
Facility name:	VALDIVIA TRUCKING
Facility address:	437 ROSELAND AVE SANTA ROSA, CA 95407
EPA ID:	CAL000439304
Mailing address:	285 SAMANTHA WAY WINDSOR, CA 95492
Contact:	RAUL VALDIVIA
Contact address:	285 SAMANTHA WAY WINDSOR, CA 95492
Contact country:	Not reported
Contact telephone:	707-583-6523
Contact email:	VALDIVIATRUCKING29@YAHOO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	RAUL VALDIVIA
Owner/operator address:	285 SAMANTHA WAY WINDSOR, CA 95492
Owner/operator country:	Not reported
Owner/operator telephone:	707-583-6523
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	RAUL VALDIVIA
Owner/operator address:	285 SAMANTHA WAY WINDSOR, CA 95492
Owner/operator country:	Not reported
Owner/operator telephone:	707-583-6523
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
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:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No

VALDIVIA TRUCKING (Continued) **1024870664**

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

Violation Status: No violations found

J93 **NOR CAL GLASS COMPANY** **LUST** **S103817529**
ENE **673 SEBASTOPOL** **HIST CORTESE** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407** **CERS**
0.148 mi.
781 ft. **Site 1 of 4 in cluster J**

Relative: **Higher**
Actual: **144 ft.**

LUST:

Name:	NOR CAL GLASS COMPANY
Address:	673 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700036
Global Id:	T0609700036
Latitude:	38.431476
Longitude:	-122.727437
Status:	Completed - Case Closed
Status Date:	01/23/1996
Case Worker:	ZZZ
RB Case Number:	1TSO057
Local Agency:	SONOMA COUNTY LOP
File Location:	Not reported
Local Case Number:	00007337
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Gasoline underground storage tanks were removed in 1986, and the environmental case closed in 1996.

LUST:

Global Id:	T0609700036
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	craig.hunt@waterboards.ca.gov
Phone Number:	7075762220

LUST:

Global Id:	T0609700036
Action Type:	ENFORCEMENT
Date:	02/15/1992
Action:	Site Visit / Inspection / Sampling

Global Id:	T0609700036
Action Type:	ENFORCEMENT
Date:	01/23/1996

NOR CAL GLASS COMPANY (Continued) **S103817529**

Action: Closure/No Further Action Letter

Global Id: T0609700036
Action Type: ENFORCEMENT
Date: 05/10/1989
Action: Meeting

Global Id: T0609700036
Action Type: ENFORCEMENT
Date: 01/23/1996
Action: * Historical Enforcement

Global Id: T0609700036
Action Type: ENFORCEMENT
Date: 01/04/1988
Action: Verbal Communication

Global Id: T0609700036
Action Type: Other
Date: 11/21/1986
Action: Leak Discovery

Global Id: T0609700036
Action Type: RESPONSE
Date: 03/05/1991
Action: Monitoring Report - Quarterly

Global Id: T0609700036
Action Type: RESPONSE
Date: 09/19/1988
Action: Soil and Water Investigation Report

Global Id: T0609700036
Action Type: RESPONSE
Date: 09/19/1989
Action: Monitoring Report - Quarterly

Global Id: T0609700036
Action Type: RESPONSE
Date: 02/11/1992
Action: Correspondence

Global Id: T0609700036
Action Type: RESPONSE
Date: 06/15/1989
Action: Monitoring Report - Quarterly

Global Id: T0609700036
Action Type: RESPONSE
Date: 03/15/1989
Action: Correspondence

Global Id: T0609700036
Action Type: RESPONSE
Date: 12/14/1989
Action: Monitoring Report - Quarterly

NOR CAL GLASS COMPANY (Continued) **S103817529**

Global Id: T0609700036
Action Type: RESPONSE
Date: 12/20/1990
Action: Soil and Water Investigation Report

Global Id: T0609700036
Action Type: RESPONSE
Date: 10/17/1991
Action: Monitoring Report - Quarterly

Global Id: T0609700036
Action Type: RESPONSE
Date: 07/08/1991
Action: Monitoring Report - Quarterly

Global Id: T0609700036
Action Type: RESPONSE
Date: 05/10/1989
Action: Correspondence

Global Id: T0609700036
Action Type: RESPONSE
Date: 09/15/1989
Action: Monitoring Report - Other

Global Id: T0609700036
Action Type: Other
Date: 11/21/1986
Action: Leak Stopped

Global Id: T0609700036
Action Type: Other
Date: 11/21/1986
Action: Leak Reported

LUST:
Global Id: T0609700036
Status: Open - Case Begin Date
Status Date: 11/21/1986

Global Id: T0609700036
Status: Open - Site Assessment
Status Date: 09/02/1987

Global Id: T0609700036
Status: Open - Site Assessment
Status Date: 09/28/1988

Global Id: T0609700036
Status: Open - Site Assessment
Status Date: 09/29/1988

Global Id: T0609700036
Status: Open - Site Assessment
Status Date: 10/31/1990

Global Id: T0609700036

NOR CAL GLASS COMPANY (Continued) **S103817529**

Status: Open - Remediation
Status Date: 01/22/1991

Global Id: T0609700036
Status: Open - Verification Monitoring
Status Date: 01/22/1991

Global Id: T0609700036
Status: Completed - Case Closed
Status Date: 01/23/1996

HIST CORTESE:
edr_fname: NOR CAL GLASS COMPANY
edr_fadd1: 673 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95407
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO057

CERS:
Name: NOR CAL GLASS COMPANY
Address: 673 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 252630
CERS ID: T0609700036
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

J94 **NORCAL GLASS CO.** **SEMS-ARCHIVE** **1000994775**
ENE **673 SEBASTOPOL RD.** **CA0001097062**
1/8-1/4 **SANTA ROSA, CA 95407**
0.148 mi.
781 ft. **Site 2 of 4 in cluster J**

Relative:
Higher

Actual:
144 ft.

SEMS Archive:
Site ID: 0905255
EPA ID: CA0001097062
Cong District: 01
FIPS Code: 06097
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 09

NORCAL GLASS CO. (Continued) **1000994775**

Site ID:	0905255
EPA ID:	CA0001097062
Site Name:	NORCAL GLASS CO.
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	2013-11-08 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0905255
EPA ID:	CA0001097062
Site Name:	NORCAL GLASS CO.
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	2001-10-01 04:00:00
Finish Date:	2005-07-26 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0905255
EPA ID:	CA0001097062
Site Name:	NORCAL GLASS CO.
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1995-05-11 04:00:00
Finish Date:	1995-05-11 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf

J95 **ACI AMERICA GLASS** **LUST** **S106247497**
ENE **673 SEBASTOPOL RD** **N/A**
1/8-1/4 **SANTA ROSA, CA**
0.148 mi.
781 ft. **Site 3 of 4 in cluster J**

Relative: **Higher**
Actual: **144 ft.**

SONOMA CO. LUST:

Name:	ACI AMERICA GLASS
Address:	673 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA
Region:	SONOMA
Regional Board:	1TSO057
Closed or Referred:	Referred

ACI AMERICA GLASS (Continued) **S106247497**

Confirm Date: 06/01/1992
LOP Number: 00007337
Staff: Not reported
Decode of Staff: Not reported
Global ID: T0609700036
APN: Not reported
Notes: REFERRED

K96 **REUBEN'S TACOS** **CPS-SLIC** **S105051118**
East **565 SEBASTOPOL ROAD** **Cortese** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407** **EMI**
0.152 mi. **CERS**
800 ft. **Site 1 of 10 in cluster K**

Relative:
Higher

Actual:
145 ft.

SLIC REG 1:
Region: 1
Facility ID: 1NSO517
Staff Initials: WTE

CORTESE:
Name: RUBEN'S TACOS (FORMER SERVICE STATION)
Address: 565 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: 03/01/1994
Region 2: 1
WID Id: 1B1SO517NSL
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

EMI:
Name: EXXONMOBIL OIL CORPORATION
Address: 565 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Year: 2008
County Code: 49
Air Basin: SF
Facility ID: 18573
Air District Name: BA
SIC Code: 1799
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported

REUBEN'S TACOS (Continued) **S105051118**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.03
Reactive Organic Gases Tons/Yr:	.020958
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EXXONMOBIL OIL CORPORATION
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2009
County Code:	49
Air Basin:	SF
Facility ID:	18573
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	2.7943999999999998E-3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EXXONMOBIL OIL CORPORATION
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2010
County Code:	49
Air Basin:	SF
Facility ID:	18573
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	2.7943999999999998E-3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	EXXONMOBIL OIL CORPORATION
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	467235
CERS ID:	110054317985
CERS Description:	US EPA Air Emission Inventory System (EIS)

K97 **RUBEN'S TACOS (FORMER SERVICE STATION)** **LUST** **S105026519**
East **565 SEBASTOPOL ROAD** **ENF** **N/A**
1/8-1/4 **SANTA ROSA, CA 95401** **HIST CORTESE**
0.152 mi.
800 ft. **Site 2 of 10 in cluster K**

Relative:
Higher

Actual:
145 ft.

LUST:

Name:	REUBEN'S TACOS
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609756137
Global Id:	T0609756137
Latitude:	38.4303577453404
Longitude:	-122.727272410218
Status:	Completed - Case Closed
Status Date:	03/21/2017
Case Worker:	ZZZ
RB Case Number:	1TSO517
Local Agency:	SANTA ROSA, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline, Benzene, Diesel
Site History:	Former service station. Currently occupided by a restaraunt. Impacted with petroleum hydrocarbons. Exxon forrmerly operated a dual phase extraction system, then a Waterloo emiiter sytem for groundwater cleanup. The site is currently in the verification monitoring phase and will be evaluated under the LTCP. Please also see case number 1NSO517 for Geotracker uploads.

LUST:

Global Id:	T0609756137
Contact Type:	Local Agency Caseworker
Contact Name:	GWYN BUCKHEIT
Organization Name:	Santa Rosa Fire and Emergency Services
Address:	2373 Circadian Way
City:	SANTA ROSA
Email:	gbuckheit@srcity.org
Phone Number:	Not reported

Global Id:	T0609756137
Contact Type:	Local Agency Caseworker
Contact Name:	PAUL LOWENTHAL
Organization Name:	Santa Rosa Fire Department
Address:	2373 CIRCADIAN WAY
City:	SANTA ROSA
Email:	plowenthal@srcity.org
Phone Number:	Not reported

Global Id:	T0609756137
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

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

LUST:

Global Id:	T0609756137
Action Type:	ENFORCEMENT
Date:	07/29/2009
Action:	Staff Letter
Global Id:	T0609756137
Action Type:	ENFORCEMENT
Date:	06/19/2009
Action:	Staff Letter
Global Id:	T0609756137
Action Type:	ENFORCEMENT
Date:	07/16/2009
Action:	File review
Global Id:	T0609756137
Action Type:	ENFORCEMENT
Date:	12/16/2014
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0609756137
Action Type:	RESPONSE
Date:	10/30/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609756137
Action Type:	RESPONSE
Date:	09/10/2009
Action:	Correspondence
Global Id:	T0609756137
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0609756137
Action Type:	RESPONSE
Date:	02/01/2010
Action:	Other Workplan
Global Id:	T0609756137
Action Type:	RESPONSE
Date:	02/01/2010
Action:	Other Workplan
Global Id:	T0609756137
Action Type:	RESPONSE
Date:	01/30/2010
Action:	Monitoring Report - Quarterly
Global Id:	T0609756137
Action Type:	RESPONSE
Date:	04/30/2010
Action:	Monitoring Report - Quarterly
Global Id:	T0609756137

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Action Type: RESPONSE
Date: 07/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 09/10/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 08/20/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 11/23/2009
Action: Verbal Enforcement

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 01/07/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 04/06/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 04/27/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609756137
Action Type: RESPONSE
Date: 11/01/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0609756137
Action Type: RESPONSE
Date: 05/01/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0609756137
Action Type: RESPONSE
Date: 04/01/2015
Action: Monitoring Report - Other

Global Id: T0609756137
Action Type: RESPONSE
Date: 12/01/2016
Action: Well Destruction Report

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 03/03/1999

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 03/15/2002
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/17/2003
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 09/15/1993
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 10/02/2000
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 09/05/2000
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 12/02/2009
Action: 13267 Monitoring Program

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 09/01/2011
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 05/27/2010
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/08/2010
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 05/27/2011
Action: Notification - Public Notice of ROD/RAP/CAP

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 02/11/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609756137
Action Type: RESPONSE
Date: 10/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 10/27/2010
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 07/22/2010
Action: Site Visit / Inspection / Sampling

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/17/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 08/22/2014
Action: 13267 Monitoring Program - #R1-2014-0044

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 09/08/2015
Action: Staff Letter

Global Id: T0609756137
Action Type: Other
Date: 02/04/1993
Action: Leak Discovery

Global Id: T0609756137
Action Type: RESPONSE
Date: 12/28/2001
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 05/01/2011
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 04/27/2006
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Date: 07/01/2005
Action: * No Action

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 08/30/2004
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 08/31/2005
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/23/2006
Action: Verbal Communication

Global Id: T0609756137
Action Type: RESPONSE
Date: 11/01/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 08/10/2006
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/18/2007
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 03/21/2017
Action: Closure/No Further Action Letter

Global Id: T0609756137
Action Type: Other
Date: 05/01/1977
Action: Leak Stopped

Global Id: T0609756137
Action Type: RESPONSE
Date: 05/16/2011
Action: Correspondence - Regulator Responded

Global Id: T0609756137
Action Type: RESPONSE
Date: 08/03/2011
Action: Other Report / Document - Regulator Responded

Global Id: T0609756137
Action Type: RESPONSE
Date: 11/28/2011
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Global Id: T0609756137
Action Type: RESPONSE
Date: 04/30/2014
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0609756137
Action Type: RESPONSE
Date: 10/31/2015
Action: Request for Closure - Regulator Responded

Global Id: T0609756137
Action Type: RESPONSE
Date: 01/28/2016
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609756137
Action Type: RESPONSE
Date: 09/06/2016
Action: Other Report / Document - Regulator Responded

Global Id: T0609756137
Action Type: REMEDIATION
Date: 09/04/1997
Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)

Global Id: T0609756137
Action Type: REMEDIATION
Date: 12/27/2007
Action: Dual Phase Extraction

Global Id: T0609756137
Action Type: REMEDIATION
Date: 02/17/2012
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609756137
Action Type: REMEDIATION
Date: 01/01/1977
Action: Excavation

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 01/11/2012
Action: 13267 Monitoring Program - #R1-2012-0022

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 07/06/2016
Action: Notification - Public Notice of Case Closure

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/16/2016
Action: File Review - Closure

Global Id: T0609756137
Action Type: ENFORCEMENT

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Date: 03/15/2017
Action: Technical Correspondence / Assistance / Other

Global Id: T0609756137
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 11/30/2004
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0609756137
Action Type: RESPONSE
Date: 12/23/2005
Action: Other Workplan

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 11/02/2010
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/21/2006
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/18/2007
Action: Staff Letter

Global Id: T0609756137
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 03/20/2013
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 03/01/2014
Action: Other Report / Document

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/03/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/13/2011
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/26/2012
Action: Staff Letter

Global Id: T0609756137
Action Type: Other
Date: 06/03/1993
Action: Leak Reported

Global Id: T0609756137
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 01/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 04/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 07/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 10/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Date: 01/30/2014
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 01/16/2009
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 10/17/2013
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 08/05/2013
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/01/2009
Action: Staff Letter

Global Id: T0609756137
Action Type: ENFORCEMENT
Date: 06/12/2008
Action: Staff Letter

Global Id: T0609756137
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 10/30/2009
Action: Well Installation Report

Global Id: T0609756137
Action Type: RESPONSE
Date: 05/15/2009
Action: CAP/RAP - Feasibility Study Report

Global Id: T0609756137
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Global Id: T0609756137
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609756137
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

LUST:

Global Id: T0609756137
Status: Open - Case Begin Date
Status Date: 05/01/1977

Global Id: T0609756137
Status: Open - Remediation
Status Date: 09/04/1997

Global Id: T0609756137
Status: Open - Site Assessment
Status Date: 09/04/1997

Global Id: T0609756137
Status: Open - Site Assessment
Status Date: 01/06/2004

Global Id: T0609756137
Status: Open - Remediation
Status Date: 11/24/2004

Global Id: T0609756137
Status: Open - Remediation
Status Date: 12/27/2008

Global Id: T0609756137
Status: Open - Verification Monitoring
Status Date: 08/02/2013

Global Id: T0609756137
Status: Open - Eligible for Closure
Status Date: 06/16/2016

Global Id: T0609756137
Status: Completed - Case Closed
Status Date: 03/21/2017

ENF:

Name: RUBEN'S TACOS (FORMER SERVICE STATION)
Address: 565 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
Region: 1
Facility Id: 256363
Agency Name: Not reported
Place Type: Service/Commercial

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43035
Place Longitude:	-122.7273
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	222439
Region:	1
Order / Resolution Number:	LT941216
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/16/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/16/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO517NSL Ruben's Tacos (Former Service Station)
Description:	REQUESTING SUBMITTAL OF MONITORING REPORTS FOR MONTHS OF OCT., NOV., AND DEC.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	RUBEN'S TACOS (FORMER SERVICE STATION)
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	256363
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43035
Place Longitude:	-122.7273
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220927
Region:	1
Order / Resolution Number:	LT960207
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/07/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/07/1996
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO517NSL Ruben's Tacos (Former Service Station)
Description:	REQUESTING SUBMITTAL OF INTERIM OR FINAL CORRECTIVE ACTION PLAN.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	RUBEN'S TACOS (FORMER SERVICE STATION)
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	256363
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43035
Place Longitude:	-122.7273
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224045
Region:	1
Order / Resolution Number:	LT930723
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/23/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/23/1993
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO517NSL Ruben's Tacos (Former Service Station)
Description:	REQUESTING SUBMITTAL OF ADDITIONAL INFORMATION.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	RUBEN'S TACOS (FORMER SERVICE STATION)
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	256363
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43035
Place Longitude:	-122.7273
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223001
Region:	1
Order / Resolution Number:	LT941026
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	10/26/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/26/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Title:	Enforcement - 1B1SO517NSL Ruben's Tacos (Former Service Station)
Description:	REQUESTING FIVE DAY NOTICE PRIOR TO FIELD WORK.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	RUBEN'S TACOS (FORMER SERVICE STATION)
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	256363
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43035
Place Longitude:	-122.7273
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223539
Region:	1
Order / Resolution Number:	94-047
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/03/1994
Adoption/Issuance Date:	03/03/1994
Achieve Date:	Not reported
Termination Date:	07/06/2016
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO517NSL Ruben's Tacos (Former Service Station)
Description:	CAO ISSUED TO REQUIRE APPROPRIATE INVESTIGATION & CLEANUP OF SITE. WORKPLAN REQUESTED.
Program:	SLIC
Latest Milestone Completion Date:	2016-07-06
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	RUBEN'S TACOS (FORMER SERVICE STATION)
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	256363
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

# Of Agencies:	Not reported
Place Latitude:	38.43035
Place Longitude:	-122.7273
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223538

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Region:	1
Order / Resolution Number:	LT940310
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	03/10/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	03/10/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO517NSL Ruben's Tacos (Former Service Station)
Description:	REQUESTING SUBMITTAL OF WORKPLAN AS PER ORDER 94-47.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	RUBEN'S TACOS (FORMER SERVICE STATION)
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	256363
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43035
Place Longitude:	-122.7273
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223439
Region:	1
Order / Resolution Number:	LT940602
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/02/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/02/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO517NSL Ruben's Tacos (Former Service Station)
Description:	REQUESTING SUBMITTAL OF CLARIFICATIONS AS OUTLINED IN THE LETTER.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Name:	RUBEN'S TACOS (FORMER SERVICE STATION)
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	256363
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43035
Place Longitude:	-122.7273
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223205
Region:	1
Order / Resolution Number:	LT940727
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/27/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/27/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO517NSL Ruben's Tacos (Former Service Station)
Description:	REQUESTING SUBMITTAL OF CLARIFICATIONS AS OUTLINED IN THE LETTER.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	RUBEN'S TACOS (FORMER SERVICE STATION)
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	256363
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43035
Place Longitude:	-122.7273
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223112
Region:	1
Order / Resolution Number:	LT940829
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/29/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/29/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO517NSL Ruben's Tacos (Former Service Station)
Description:	GRANTING EXTENSION FOR CAO 94-47.
Program:	SLIC

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	RUBEN'S TACOS (FORMER SERVICE STATION)
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	256363
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43035
Place Longitude:	-122.7273
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220218
Region:	1
Order / Resolution Number:	LT950626
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/26/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/26/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO517NSL Ruben's Tacos (Former Service Station)
Description:	REQUESTING SUBMITTAL OF WORKPLAN.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	RUBEN'S TACOS (FORMER SERVICE STATION)
Address:	565 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	256363
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43035
Place Longitude:	-122.7273
SIC Code 1:	5541

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220114
Region:	1
Order / Resolution Number:	LT950926
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	09/26/1995

RUBEN'S TACOS (FORMER SERVICE STATION) (Continued) **S105026519**

Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/26/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO517NSL Ruben's Tacos (Former Service Station)
Description:	REQUESTING SUBMITTAL OF RESULTS OF FIELD ACTIVITY.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	SERVICE STATION (FORMER)
edr_fadd1:	565 SEBASTOPOL
City,State,Zip:	SANTA ROSA, CA
Region:	CORTESE
Facility County Code:	49
Reg By:	WBC&D
Reg Id:	1B1SO517NSL

J98 **258 DUTTON** **Notify 65** **S100562417**
NE **258 DUTTON** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407**
0.156 mi.
823 ft. **Site 4 of 4 in cluster J**

Relative: **Higher**
Actual: **145 ft.**

NOTIFY 65:

Date Reported:	19930616
Staff Initials:	SAW
Board File Number:	0TZ930001
Facility Type:	UNKNOWN
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	RWQCB SAMPLED DOMESTIC WELL AT 258 DUTTON AND CONFIRMED CONTAMINATION WITH CARBON TETRACHLORIDE.

K99 **NORTHERN CALIFORNIA GLASS CO.** **HIST UST** **U001609562**
East **617 SEBASTOPOL RD** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407**
0.158 mi.
836 ft. **Site 3 of 10 in cluster K**

Relative: **Higher**
Actual: **144 ft.**

HIST UST:

Name:	NORTHERN CALIFORNIA GLASS CO.
Address:	617 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
File Number:	Not reported
URL:	Not reported

NORTHERN CALIFORNIA GLASS CO. (Continued) **U001609562**

Region:	STATE
Facility ID:	00000050399
Facility Type:	Other
Other Type:	WHOLESALE GLASS DIST
Contact Name:	Not reported
Telephone:	7075420191
Owner Name:	NORTHERN CALIFORNIA GLASS CO.
Owner Address:	617 SEBASTOPOL ROAD
Owner City,St,Zip:	SANTA ROSA, CA 95407
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1981
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1981
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

K100 **NORTHERN CALIFORNIA GLASS CO.** **SWEEPS UST** **S101627367**
East **617 SEBASTOPOL RD** **HIST UST** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407** **CA FID UST**
0.158 mi.
836 ft. **Site 4 of 10 in cluster K**

Relative: SWEEPS UST:
Higher

Actual: Name:	NORTHERN CALIFORNIA GLASS CO.
144 ft. Address:	617 SEBASTOPOL RD
City:	SANTA ROSA
Status:	Active
Comp Number:	50399
Number:	9
Board Of Equalization:	44-028306
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	49-060-050399-000001
Tank Status:	A
Capacity:	500
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2
Name:	NORTHERN CALIFORNIA GLASS CO.
Address:	617 SEBASTOPOL RD

NORTHERN CALIFORNIA GLASS CO. (Continued) **S101627367**

City: SANTA ROSA
Status: Active
Comp Number: 50399
Number: 9
Board Of Equalization: 44-028306
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-050399-000002
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
Name: NORTHERN CALIFORNIA GLASS CO
Address: 617 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
File Number: 00021C59
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021C59.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 49001866
Regulated By: UTNKA
Regulated ID: 00050399
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075420191
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported

NORTHERN CALIFORNIA GLASS CO. (Continued) **S101627367**

Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

K101 **TRANSPAN CORPORATION** **RCRA-SQG 1000320853**
East **617 SEBASTOPOL RD** **FINDS CAD982319451**
1/8-1/4 **SANTA ROSA, CA 95407** **ECHO**
0.158 mi.
836 ft. **Site 5 of 10 in cluster K**

Relative:
Higher

Actual:
144 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: TRANSPAN CORPORATION
Facility address: 617 SEBASTOPOL RD
SANTA ROSA, CA 95407
EPA ID: CAD982319451
Mailing address: PO BOX 7160
SANTA ROSA, CA 95407
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: LEE J TAYLOR
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported

TRANSPAN CORPORATION (Continued) **1000320853**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 02/26/1988
Site name: TRANSPAN CORPORATION
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002792979

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

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

ECHO:
Envid: 1000320853
Registry ID: 110002792979
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002792979

L102 **TAYLOR BUS SERVICE** **HIST UST** **U001609583**
WSW **1175 SEBASTOPOL RD** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407**
0.165 mi.
872 ft. **Site 1 of 8 in cluster L**

Relative:
Lower

Actual:
136 ft.

HIST UST:

Name:	TAYLOR BUS SERVICE
Address:	1175 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000023654
Facility Type:	Other
Other Type:	BUS OPERATIONS
Contact Name:	JAMES MURCHIE
Telephone:	7075231111
Owner Name:	STANLEY W. BROWN
Owner Address:	1175 SEBASTOPOL ROAD
Owner City,St,Zip:	SANTA ROSA, CA 95407
Total Tanks:	0006
Tank Num:	001
Container Num:	#1
Year Installed:	1950
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	10
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	#2
Year Installed:	1950
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	10
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	#3
Year Installed:	1950
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	10
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	004
Container Num:	#4
Year Installed:	1950
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	10
Leak Detection:	Visual, Stock Inventor, Pressure Test

TAYLOR BUS SERVICE (Continued) **U001609583**

Tank Num:	005
Container Num:	#5
Year Installed:	1950
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	10
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	006
Container Num:	#6
Year Installed:	1950
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	10
Leak Detection:	Visual, Stock Inventor, Pressure Test

L103 **TAYLOR BUS FMR USE SITE NOW VACANT** **HIST UST** **S113171508**
WSW **1175 SEBASTOPOL RD** **HAZNET** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407**
0.165 mi.
872 ft. **Site 2 of 8 in cluster L**

Relative: **Lower**

Actual: **136 ft.**

HIST UST:

Name:	TAYLOR BUS SERVICE
Address:	1175 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
File Number:	0002178D
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002178D.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	TAYLOR BUS FMR USE SITE NOW VACANT
Address:	1175 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 954070000
Year:	2006

TAYLOR BUS FMR USE SITE NOW VACANT (Continued) **S113171508**

GEPAID:	CAP000170084
Contact:	BRUCE ABELLI AMEN
Telephone:	7077625233
Mailing Name:	Not reported
Mailing Address:	101 H ST STE C
Mailing City,St,Zip:	PETALUMA, CA 949525100
Gen County:	Sonoma
TSD EPA ID:	CAT000646117
TSD County:	Kings
Tons:	136.5336
CA Waste Code:	611-Contaminated soil from site clean-up
Method:	T01-Treatment, Tank
Facility County:	Sonoma

L104 **TAYLOR BUS SERVICE** **SWEEPS UST** **S101627383**
WSW **1175 SEBASTOPOL RD** **CA FID UST** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407**
0.165 mi.
872 ft. **Site 3 of 8 in cluster L**

Relative: SWEEPS UST:
Lower

Actual:
136 ft.

Name:	TAYLOR BUS SERVICE
Address:	1175 SEBASTOPOL RD
City:	SANTA ROSA
Status:	Active
Comp Number:	23654
Number:	9
Board Of Equalization:	44-010838
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	#1
SWRCB Tank Id:	49-060-023654-000001
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	6

Name:	TAYLOR BUS SERVICE
Address:	1175 SEBASTOPOL RD
City:	SANTA ROSA
Status:	Active
Comp Number:	23654
Number:	9
Board Of Equalization:	44-010838
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	#2
SWRCB Tank Id:	49-060-023654-000002
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P

TAYLOR BUS SERVICE (Continued) **S101627383**

Content: REG UNLEADED
Number Of Tanks: Not reported

Name: TAYLOR BUS SERVICE
Address: 1175 SEBASTOPOL RD
City: SANTA ROSA
Status: Active
Comp Number: 23654
Number: 9
Board Of Equalization: 44-010838
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: #3
SWRCB Tank Id: 49-060-023654-000003
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: TAYLOR BUS SERVICE
Address: 1175 SEBASTOPOL RD
City: SANTA ROSA
Status: Active
Comp Number: 23654
Number: 9
Board Of Equalization: 44-010838
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: #4
SWRCB Tank Id: 49-060-023654-000004
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: TAYLOR BUS SERVICE
Address: 1175 SEBASTOPOL RD
City: SANTA ROSA
Status: Active
Comp Number: 23654
Number: 9
Board Of Equalization: 44-010838
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: #5
SWRCB Tank Id: 49-060-023654-000005
Tank Status: A
Capacity: 550

TAYLOR BUS SERVICE (Continued) **S101627383**

Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: TAYLOR BUS SERVICE
Address: 1175 SEBASTOPOL RD
City: SANTA ROSA
Status: Active
Comp Number: 23654
Number: 9
Board Of Equalization: 44-010838
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: #6
SWRCB Tank Id: 49-060-023654-000006
Tank Status: A
Capacity: 550
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 49000465
Regulated By: UTNKA
Regulated ID: 00023654
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075231111
Mail To: Not reported
Mailing Address: 1175 SEBASTOPOL RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

L105 **TAYLOR BUS COMPANY** **ENVIROSTOR** **S104163223**
WSW **1175 SEBASTOPOL ROAD** **LUST** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407** **Cortese**
0.165 mi. **HIST CORTESE**
872 ft. **Site 4 of 8 in cluster L** **CERS**

Relative: ENVIROSTOR:
Lower Name: S.W. BROWN
Actual: Address: 1175 SEBASTOPOL ROAD
136 ft. City,State,Zip: SANTA ROSA, CA 95401
Facility ID: 49500003
Status: Refer: RWQCB

TAYLOR BUS COMPANY (Continued) **S104163223**

Status Date: 09/27/1993
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: * Rural County Survey Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.42956
Longitude: -122.7334
APN: 125-091-030
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 125-091-030
Alias Type: APN
Alias Name: 49500003
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/15/1988
Comments: FACILITY IDENTIFIED SONOMA COUNTY EH - JUNK AUTO WET CELL BATTERIES BURIED AT SITE, VISIBLE CONTAMINATION 10’ X 30’

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/22/1988
Comments: SITE SCREENING DONE POTENTIAL ONSITE CONTAM

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

LUST:
Name: TAYLOR BUS COMPANY
Address: 1175 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407

TAYLOR BUS COMPANY (Continued) **S104163223**

Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700202
Global Id:	T0609700202
Latitude:	38.429348228
Longitude:	-122.7332258
Status:	Open - Remediation
Status Date:	04/10/2014
Case Worker:	TNM
RB Case Number:	1TSO271
Local Agency:	SONOMA COUNTY
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Benzene, Other Chlorinated Hydrocarbons, Toluene, Xylene, Lead, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History:	This site is a former wholesale fuel delivery and bus maintenance shop, and currently maintains and stores commercial vehicles. There were several above ground storage tanks (ASTs) installed in the 1940s, which are no longer on-site. In 1950 six fuel underground storage tanks (USTs) were installed, and removed in 1985. Contamination was reported in 1988. In 2001, a kerosene UST was also removed. Cleanup activities have included removing 7,800 cubic yards of fuel impacted soil, pumping out 1.3 million gallons of impacted groundwater, and the short-term use of both dual-phase extraction (DPE), and high-vacuum DPE (HVDPE) systems to remove several hundred pounds of fuel constituents. There are currently six monitoring wells (irregularly monitored since1990) and 5 extraction wells both on- and off-site. A HVDPE system is planned for the site, and short term pilot test using in 2015 removed about 239 pounds of contaminants.

LUST:

Global Id:	T0609700202
Contact Type:	Local Agency Caseworker
Contact Name:	CITY OF SANTA ROSA FIRE DEPARTMENT
Organization Name:	CITY OF SANTA ROSA FIRE DEPARTMENT
Address:	965 SONOMA AVENUE
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0609700202
Contact Type:	Local Agency Caseworker
Contact Name:	ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name:	SONOMA COUNTY
Address:	625 5th Street
City:	SANTA ROSA
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0609700202
Contact Type:	Regional Board Caseworker
Contact Name:	TOM MAGNEY
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	tom.magney@waterboards.ca.gov
Phone Number:	7075762030

TAYLOR BUS COMPANY (Continued) **S104163223**

LUST:

Global Id:	T0609700202
Action Type:	ENFORCEMENT
Date:	05/01/2009
Action:	Staff Letter
Global Id:	T0609700202
Action Type:	ENFORCEMENT
Date:	02/19/2009
Action:	Staff Letter
Global Id:	T0609700202
Action Type:	ENFORCEMENT
Date:	07/23/2009
Action:	Verbal Enforcement
Global Id:	T0609700202
Action Type:	ENFORCEMENT
Date:	07/20/2009
Action:	File review
Global Id:	T0609700202
Action Type:	ENFORCEMENT
Date:	01/23/2014
Action:	Staff Letter
Global Id:	T0609700202
Action Type:	ENFORCEMENT
Date:	01/23/2014
Action:	Notification - Public Notice of ROD/RAP/CAP
Global Id:	T0609700202
Action Type:	ENFORCEMENT
Date:	05/22/2019
Action:	File Review - Closure
Global Id:	T0609700202
Action Type:	RESPONSE
Date:	01/09/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0609700202
Action Type:	RESPONSE
Date:	07/20/2009
Action:	Other Workplan
Global Id:	T0609700202
Action Type:	ENFORCEMENT
Date:	10/04/1999
Action:	* Historical Enforcement
Global Id:	T0609700202
Action Type:	ENFORCEMENT
Date:	11/05/2002
Action:	Staff Letter
Global Id:	T0609700202

TAYLOR BUS COMPANY (Continued) **S104163223**

Action Type: ENFORCEMENT
Date: 08/09/2002
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 10/27/2009
Action: File review

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 09/18/2009
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 08/03/2012
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 03/09/2009
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 08/28/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700202
Action Type: RESPONSE
Date: 04/04/2016
Action: Other Report / Document

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 09/13/2002
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 09/13/2001
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 11/15/2001
Action: Site Visit / Inspection / Sampling

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 04/19/2002
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 12/22/2003

TAYLOR BUS COMPANY (Continued) **S104163223**

Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 10/24/2001
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 04/06/2010
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 04/07/2014
Action: Staff Letter

Global Id: T0609700202
Action Type: Other
Date: 11/09/1988
Action: Leak Discovery

Global Id: T0609700202
Action Type: RESPONSE
Date: 12/28/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700202
Action Type: RESPONSE
Date: 10/17/2001
Action: Interim Remedial Action Plan

Global Id: T0609700202
Action Type: RESPONSE
Date: 01/21/2004
Action: Soil and Water Investigation Report

Global Id: T0609700202
Action Type: RESPONSE
Date: 07/15/2002
Action: Other Workplan

Global Id: T0609700202
Action Type: RESPONSE
Date: 10/13/2002
Action: Other Report / Document

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 10/21/2003
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 05/01/2002
Action: Staff Letter

TAYLOR BUS COMPANY (Continued) **S104163223**

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 11/18/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 08/31/2005
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 11/18/2005
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 02/20/2004
Action: * No Action

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 05/06/2004
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 02/04/2005
Action: * Verbal Communication

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 08/17/2011
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 03/24/2015
Action: Staff Letter

Global Id: T0609700202
Action Type: RESPONSE
Date: 07/01/2016
Action: Other Report / Document

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 01/27/2006
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 12/08/2006
Action: Verbal Communication

Global Id: T0609700202
Action Type: ENFORCEMENT

TAYLOR BUS COMPANY (Continued) **S104163223**

Date: 01/24/2011
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 06/27/2016
Action: Verbal Enforcement

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 04/04/2017
Action: Site Visit / Inspection / Sampling

Global Id: T0609700202
Action Type: RESPONSE
Date: 02/20/2004
Action: Other Report / Document

Global Id: T0609700202
Action Type: RESPONSE
Date: 04/04/2016
Action: Other Workplan

Global Id: T0609700202
Action Type: RESPONSE
Date: 03/30/2017
Action: Remedial Progress Report

Global Id: T0609700202
Action Type: RESPONSE
Date: 07/10/2017
Action: Other Report / Document

Global Id: T0609700202
Action Type: RESPONSE
Date: 03/30/2018
Action: Request for Closure

Global Id: T0609700202
Action Type: RESPONSE
Date: 02/10/2017
Action: Monitoring Report - Other

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 08/04/2006
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 09/11/2007
Action: 13267 Monitoring Program - #R1-2007-0083

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Staff Letter

TAYLOR BUS COMPANY (Continued) **S104163223**

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 09/06/2007
Action: File review

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 05/04/2010
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 01/14/2011
Action: File review

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 02/04/2016
Action: Staff Letter

Global Id: T0609700202
Action Type: Other
Date: 11/09/1988
Action: Leak Stopped

Global Id: T0609700202
Action Type: RESPONSE
Date: 12/18/2005
Action: Soil and Water Investigation Workplan

Global Id: T0609700202
Action Type: RESPONSE
Date: 11/15/2005
Action: Electronic Reporting Submittal Due

Global Id: T0609700202
Action Type: RESPONSE
Date: 09/29/2005
Action: Other Report / Document

Global Id: T0609700202
Action Type: RESPONSE
Date: 02/28/2005
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700202
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700202
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700202
Action Type: RESPONSE

TAYLOR BUS COMPANY (Continued) **S104163223**

Date: 07/01/2012
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609700202
Action Type: RESPONSE
Date: 11/04/2016
Action: Correspondence

Global Id: T0609700202
Action Type: RESPONSE
Date: 11/10/2010
Action: Site Assessment Report - Regulator Responded

Global Id: T0609700202
Action Type: RESPONSE
Date: 02/14/2014
Action: Remedial Investigation Workplan - Regulator Responded

Global Id: T0609700202
Action Type: RESPONSE
Date: 12/14/2015
Action: Request for Closure - Regulator Responded

Global Id: T0609700202
Action Type: RESPONSE
Date: 06/03/2016
Action: Other Workplan - Regulator Responded

Global Id: T0609700202
Action Type: REMEDIATION
Date: 11/15/2001
Action: Pump & Treat (P&T) Groundwater

Global Id: T0609700202
Action Type: REMEDIATION
Date: 11/15/2001
Action: Excavation

Global Id: T0609700202
Action Type: REMEDIATION
Date: 12/07/2005
Action: Excavation

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 02/28/2008
Action: Notice of Violation

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 04/02/2008
Action: Verbal Enforcement

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 03/30/2012
Action: File review

TAYLOR BUS COMPANY (Continued) **S104163223**

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 03/29/2017
Action: Email Correspondence

Global Id: T0609700202
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700202
Action Type: RESPONSE
Date: 10/01/2006
Action: Other Workplan

Global Id: T0609700202
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700202
Action Type: RESPONSE
Date: 03/31/2006
Action: Interim Remedial Action Report

Global Id: T0609700202
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700202
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 12/12/2006
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 12/07/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 06/11/2002
Action: Waste Discharge Requirements

Global Id: T0609700202
Action Type: Other

TAYLOR BUS COMPANY (Continued) **S104163223**

Date: 11/09/1988
Action: Leak Reported

Global Id: T0609700202
Action Type: RESPONSE
Date: 12/15/2006
Action: Other Report / Document

Global Id: T0609700202
Action Type: RESPONSE
Date: 11/15/2006
Action: Well Installation Report

Global Id: T0609700202
Action Type: RESPONSE
Date: 08/31/2013
Action: Sensitive Receptor Survey Report

Global Id: T0609700202
Action Type: RESPONSE
Date: 08/31/2013
Action: Pilot Study/ Treatability Report

Global Id: T0609700202
Action Type: RESPONSE
Date: 04/17/2014
Action: Conceptual Site Model

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 06/10/2008
Action: Meeting

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 04/30/2012
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 04/30/2012
Action: 13267 Monitoring Program

Global Id: T0609700202
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700202
Action Type: RESPONSE
Date: 02/24/2014
Action: Other Report / Document

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 01/27/2009
Action: Technical Correspondence / Assistance / Other

TAYLOR BUS COMPANY (Continued) **S104163223**

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 09/25/2012
Action: Staff Letter

Global Id: T0609700202
Action Type: ENFORCEMENT
Date: 06/18/2018
Action: Email Correspondence

Global Id: T0609700202
Action Type: RESPONSE
Date: 05/15/2009
Action: Verbal Communication

Global Id: T0609700202
Action Type: RESPONSE
Date: 03/20/2009
Action: Other Report / Document

LUST:
Global Id: T0609700202
Status: Open - Case Begin Date
Status Date: 11/09/1988

Global Id: T0609700202
Status: Open - Site Assessment
Status Date: 11/09/1988

Global Id: T0609700202
Status: Open - Site Assessment
Status Date: 04/11/1990

Global Id: T0609700202
Status: Open - Site Assessment
Status Date: 04/26/1990

Global Id: T0609700202
Status: Open - Site Assessment
Status Date: 01/08/1998

Global Id: T0609700202
Status: Open - Remediation
Status Date: 10/01/2001

Global Id: T0609700202
Status: Open - Remediation
Status Date: 11/15/2001

Global Id: T0609700202
Status: Open - Remediation
Status Date: 04/14/2005

Global Id: T0609700202
Status: Open - Site Assessment
Status Date: 03/21/2006

TAYLOR BUS COMPANY (Continued) **S104163223**

Global Id: T0609700202
Status: Open - Remediation
Status Date: 03/03/2010

Global Id: T0609700202
Status: Open - Remediation
Status Date: 04/10/2014

LUST REG 1:
Region: 1
Facility ID: 1TSO271
Staff Initials: WTE

CORTESE:
Name: TAYLOR BUS COMPANY
Address: 1175 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0609700202
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - REMEDIATION
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: TAYLOR BUS COMPANY
edr_fadd1: 1175 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO271

CERS:
Name: TAYLOR BUS COMPANY
Address: 1175 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 233599
CERS ID: T0609700202

TAYLOR BUS COMPANY (Continued) **S104163223**

CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762030

Affiliation Type Desc: Local Agency Caseworker
Entity Name: CITY OF SANTA ROSA FIRE DEPARTMENT - CITY OF SANTA ROSA FIRE DEPARTMENT
Entity Title: Not reported
Affiliation Address: 965 SONOMA AVENUE
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

K106 **ENZO & WALTER CASAZZA** **HIST UST** **U001609199**
East **580 SEBASTOPOL RD** **N/A**
1/8-1/4 **SANTA ROSA, CA 95401**
0.168 mi.
886 ft. **Site 6 of 10 in cluster K**

Relative:
Higher

Actual:
144 ft.

HIST UST:

Name: ENZO & WALTER CASAZZA
Address: 580 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95401
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000048755
Facility Type: Other
Other Type: Not reported
Contact Name: Not reported
Telephone: 7075451774
Owner Name: ENZO & WALTER CASAZZA
Owner Address: 580 SEBASTOPOL ROAD
Owner City,St,Zip: SANTA ROSA, CA 95401
Total Tanks: 0001

ENZO & WALTER CASAZZA (Continued) **U001609199**

Tank Num:	001
Container Num:	1
Year Installed:	1965
Tank Capacity:	00000350
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	12
Leak Detection:	Stock Inventor

K107 **PRECISION TUNE** **RCRA-SQG 1000172394**
East **580 SEBASTOPOL RD** **FINDS CAD982485252**
1/8-1/4 **SANTA ROSA, CA 95407** **ECHO**
0.168 mi.
886 ft. **Site 7 of 10 in cluster K**

Relative:
Higher

Actual:
144 ft.

RCRA-SQG:

Date form received by agency:	04/04/1990
Facility name:	PRECISION TUNE
Facility address:	580 SEBASTOPOL RD SANTA ROSA, CA 95407
EPA ID:	CAD982485252
Contact:	ENVIRONMENTAL MANAGER
Contact address:	580 SEBASTOPOL RD SANTA ROSA, CA 95407
Contact country:	US
Contact telephone:	707-526-1987
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:	NORTH BAY PRECISION
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

PRECISION TUNE (Continued) **1000172394**

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110002827228

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

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

ECHO:
Envid: 1000172394
Registry ID: 110002827228
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002827228

K108 **ENZO & WALTER CASAZZA** **SWEEPS UST** **S101627143**
East **580 SEBASTOPOL RD** **HIST UST** **N/A**
1/8-1/4 **SANTA ROSA, CA 95401** **CA FID UST**
0.168 mi. **CUPA Listings**
886 ft. **Site 8 of 10 in cluster K**

Relative: SWEEPS UST:
Higher Name: ENZO & WALTER CASAZZA
Address: 580 SEBASTOPOL RD
Actual: City: SANTA ROSA
144 ft. Status: Active
Comp Number: 48755

ENZO & WALTER CASAZZA (Continued) **S101627143**

Number: 9
Board Of Equalization: 44-028296
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-048755-000001
Tank Status: A
Capacity: 350
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 1

HIST UST:
Name: ENZO AND WALTER CASAZZA
Address: 580 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
File Number: 0002179A
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002179A.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 49001954
Regulated By: UTNKA
Regulated ID: 00048755
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075451774
Mail To: Not reported
Mailing Address: 580 SEBASTOPOL RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95401
Contact: Not reported
Contact Phone: Not reported

ENZO & WALTER CASAZZA (Continued) **S101627143**

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

CUPA SONOMA:
Name: ASTORGA'S AUTO REPAIR #2
Add1: 580 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-007753
Permit: Not reported
Type: HMBP
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Range 2
CERS ID: 10496644
Experation Date: 11/18/2019

Name: ASTORGA'S AUTO REPAIR #2
Add1: 580 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-007753
Permit: Not reported
Type: Hazardous Waste
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: SQG < 325 gallons/year
CERS ID: 10496644
Experation Date: 11/18/2019

K109 **ASTORGA'S AUTO REPAIR** **CERS HAZ WASTE** **S121791033**
East **580 SEBASTOPOL RD** **CERS** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407**
0.168 mi.
886 ft. **Site 9 of 10 in cluster K**

Relative:
Higher

Actual:
144 ft.

CERS HAZ WASTE:
Name: ASTORGA'S AUTO REPAIR
Address: 580 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 7170
CERS ID: 10496644
CERS Description: Hazardous Waste Generator

CERS:
Name: ASTORGA'S AUTO REPAIR
Address: 580 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407

ASTORGA'S AUTO REPAIR (Continued) **S121791033**

Site ID: 7170
CERS ID: 10496644
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 7170
Site Name: ASTORGA'S AUTO REPAIR
Violation Date: 05-07-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/11/2018.
Violation Division: Santa Rosa City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 7170
Site Name: ASTORGA'S AUTO REPAIR
Violation Date: 05-07-2018
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/11/2018.
Violation Division: Santa Rosa City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

ASTORGA'S AUTO REPAIR (Continued) **S121791033**

Eval Date:	05-07-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-07-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

Site ID:	7170
Site Name:	ASTORGA'S AUTO REPAIR
Site Address:	580 SEBASTOPOL RD
Site City:	SANTA ROSA
Site Zip:	95407
Enf Action Date:	07-23-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Sonoma County Fire & Emergency Services Department
Enf Action Program:	UNSPEC
Enf Action Source:	CERS

Coordinates:

Site ID:	7170
Facility Name:	ASTORGA'S AUTO REPAIR
Env Int Type Code:	HWG
Program ID:	10496644
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	38.429930
Longitude:	-122.726830

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Rosa Fire Dept
Entity Title:	Not reported
Affiliation Address:	2373 Circadian Way
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	(707) 543-3500
Affiliation Type Desc:	Legal Owner
Entity Name:	Miguel Estrada
Entity Title:	Not reported
Affiliation Address:	580 SEBASTOPOL RD

ASTORGA'S AUTO REPAIR (Continued) **S121791033**

Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95407
Affiliation Phone:	(707) 526-9032
Affiliation Type Desc:	Environmental Contact
Entity Name:	Miguel Estrada
Entity Title:	Not reported
Affiliation Address:	580 SEBASTOPOL RD
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	580 SEBASTOPOL RD
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	MIGUEL ESTRADA
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	MIGUEL ESTRADA
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Miguel Estrada
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 526-9032
Affiliation Type Desc:	Parent Corporation

ASTORGA'S AUTO REPAIR (Continued) **S121791033**

Entity Name:	ASTORGAS AUTO REPAIR
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

L110 **ROSELAND PAINT CENTER** **LUST** **U001609574**
SW **1160 SEBASTOPOL ROAD** **HIST UST** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407** **CERS**
0.170 mi.
899 ft. **Site 5 of 8 in cluster L**

Relative:
Lower

Actual:
136 ft.

LUST:

Name:	ROSELAND PAINT CENTER
Address:	1160 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609793188
Global Id:	T0609793188
Latitude:	38.4286120807394
Longitude:	-122.733062873611
Status:	Completed - Case Closed
Status Date:	09/27/2005
Case Worker:	ZZZ
RB Case Number:	1TSO272
Local Agency:	SONOMA COUNTY
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Stoddard solvent / Mineral Spriits / Distillates
Site History:	Not reported

LUST:

Global Id:	T0609793188
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	craig.hunt@waterboards.ca.gov
Phone Number:	7075762220

LUST:

Global Id:	T0609793188
Action Type:	ENFORCEMENT
Date:	08/05/2005
Action:	Notification - Public Notice of Case Closure

Global Id:	T0609793188
Action Type:	Other
Date:	11/22/1988
Action:	Leak Discovery

ROSELAND PAINT CENTER (Continued) **U001609574**

Global Id: T0609793188
Action Type: ENFORCEMENT
Date: 09/27/2005
Action: Closure/No Further Action Letter

Global Id: T0609793188
Action Type: Other
Date: 09/15/1986
Action: Leak Stopped

Global Id: T0609793188
Action Type: Other
Date: 11/22/1988
Action: Leak Reported

LUST:
Global Id: T0609793188
Status: Open - Case Begin Date
Status Date: 09/15/1986

Global Id: T0609793188
Status: Open - Site Assessment
Status Date: 06/01/1989

Global Id: T0609793188
Status: Completed - Case Closed
Status Date: 09/27/2005

HIST UST:
Name: ROSELAND PAINT CENTER
Address: 1160 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000023744
Facility Type: Other
Other Type: PAINT STORE
Contact Name: STEPHEN COSTA
Telephone: 7075427124
Owner Name: MAY & MAE INC.
Owner Address: 1160 SEBASTOPOL ROAD
Owner City,St,Zip: SANTA ROSA, CA 95407
Total Tanks: 0001

Tank Num: 001
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

ROSELAND PAINT CENTER (Continued) **U001609574**

CERS:
Name: ROSELAND PAINT CENTER
Address: 1160 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 246424
CERS ID: T0609793188
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

L111 **ROSELAND PAINT CENTER** **CPS-SLIC** **S101627376**
SW **1160 SEBASTOPOL ROAD** **SWEEPS UST** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407** **HIST UST**
0.170 mi. **CA FID UST**
899 ft. **Site 6 of 8 in cluster L**

Relative:
Lower

Actual:
136 ft.

SLIC REG 1:
Region: 1
Facility ID: 1NSO272
Staff Initials: WTE

SWEEPS UST:
Name: ROSELAND PAINT CENTER
Address: 1160 SEBASTOPOL RD
City: SANTA ROSA
Status: Active
Comp Number: 23744
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: #1
SWRCB Tank Id: 49-060-023744-000001
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 1

HIST UST:
Name: ROSELAND PAINT CENTER
Address: 1160 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
File Number: 00021BAA

ROSELAND PAINT CENTER (Continued) **S101627376**

URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021BAA.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

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CA FID UST:

Facility ID:	49001475
Regulated By:	UTNKA
Regulated ID:	00023744
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7075427124
Mail To:	Not reported
Mailing Address:	1160 SEBASTOPOL RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA ROSA 95407
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

M112 **IMWALLE GARDENS** **HIST UST** **U001609224**
NNW **685 W 3RD ST** **N/A**
1/8-1/4 **SANTA ROSA, CA 95401**
0.173 mi.
912 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
142 ft.

HIST UST:

Name:	IMWALLE GARDENS
Address:	685 W 3RD ST
City,State,Zip:	SANTA ROSA, CA 95401
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000033688
Facility Type:	Other

IMWALLE GARDENS (Continued) **U001609224**

Other Type:	PRODURE STAND
Contact Name:	Not reported
Telephone:	7075460279
Owner Name:	JOSEPH IMWALLE
Owner Address:	685 WEST 3RD. ST.
Owner City,St,Zip:	SANTA ROSA, CA 95401
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

M113 **IMWALLE GARDENS** **HIST UST** **S118411325**
NNW **685 WEST 3RD ST** **N/A**
1/8-1/4 **SANTA ROSA, CA 95401**
0.173 mi.
912 ft. **Site 2 of 2 in cluster M**

Relative: HIST UST:
Higher

Name:	IMWALLE GARDENS
Address:	685 WEST 3RD ST
City,State,Zip:	SANTA ROSA, CA 95401
File Number:	00021A6A
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021A6A.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Actual:
142 ft.

Click here for Geo Tracker PDF:

114
SW
1/8-1/4
0.193 mi.
1018 ft.

MCMINN AVENUE
841 MCMINN AVENUE
SANTA ROSA, CA 95401

ENVIROSTOR **S101482558**
N/A

Relative:
Lower

Actual:
135 ft.

ENVIROSTOR:

Name:	MCMINN AVENUE
Address:	841 MCMINN AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Facility ID:	49280005
Status:	Refer: RWQCB
Status Date:	12/05/1994
Site Code:	200065
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	350
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:	10
Senate:	02
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	38.42778
Longitude:	-122.7328
APN:	125-142-039
Past Use:	NONE SPECIFIED
Potential COC:	* UNSPECIFIED ORGANIC LIQUID MIXTURE
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	125-142-039
Alias Type:	APN
Alias Name:	110033610260
Alias Type:	EPA (FRS #)
Alias Name:	P21041
Alias Type:	PCode
Alias Name:	200065
Alias Type:	Project Code (Site Code)
Alias Name:	49280005
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	04/21/1988
Comments:	Facility Identified: BEP - fuel oil 440,000 ug/l & gasoline detected in well. No RP identified. Site Screening Done: BEP site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	03/16/1990
Comments:	Not reported

MCMINN AVENUE (Continued) **S101482558**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/29/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/21/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/05/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/21/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/01/1986
Comments: Fact Sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/01/1988
Comments: Fact Sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/01/1992
Comments: Fact Sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 12/01/1995
Comments: Fact Sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 12/15/1995
Comments: Fact Sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets

MCMINN AVENUE (Continued) **S101482558**

Completed Date: 05/19/1987
Comments: Site Update

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/01/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 01/23/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/12/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 04/02/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/20/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/16/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/29/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 05/21/1993
Comments: Not reported

MCMINN AVENUE (Continued) **S101482558**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	11/01/1987
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	06/02/1998
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	06/19/1989
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	07/01/1987
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

K115 **LANGES CLEANERS** **CPS-SLIC** **S107473160**
East **555 SEBASTOPOL ROAD** **CERS** **N/A**
1/8-1/4 **SANTA ROSA, CA 95401**
0.201 mi.
1059 ft. **Site 10 of 10 in cluster K**

Relative: CPS-SLIC:
Higher

Actual: **145 ft.**

Name:	LANGES CLEANERS
Address:	555 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/26/2012
Global Id:	SL0609768756
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4310250356305
Longitude:	-122.726844431877
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	SANTA ROSA, CITY OF
RB Case Number:	1NSR425
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply

LANGES CLEANERS (Continued) **S107473160**

Potential Contaminants of Concern: * Solvents
Site History: Drop off location for dry cleaning. No evdidence of on-site cleaning.

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

CERS:
Name: LANGES CLEANERS
Address: 555 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 188689
CERS ID: SL0609768756
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

L116 **SONOMA COUNTY COMMUNITY DEVELOPMENT** **CPS-SLIC** **S109118042**
WSW **SEBASTOPOL ROAD** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407**
0.216 mi.
1140 ft. **Site 7 of 8 in cluster L**

Relative: **Lower**
Actual: **135 ft.**

CPS-SLIC:
Name: SONOMA COUNTY COMMUNITY DEVELOPMENT
Address: SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 07/02/2010
Global Id: T0609793233
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4285591678373
Longitude: -122.734054327011
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO403
File Location: Regional Board
Potential Media Affected: Soil
Potential Contaminants of Concern: Gasoline
Site History: The Regional Water Board opened this project to provide oversight to the Coutny related to infastructure improvments along Sebastopol Road between Burbank and Dutton. See Regional Water Board memo dated June 17, 2010 for more information.

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

L117 **SONOMA COUNTY COMMUNITY DEVELOPMENT** **CPS-SLIC** **S101316135**
WSW **SEBASTOPOL ROAD** **CERS** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407**
0.216 mi.
1140 ft. **Site 8 of 8 in cluster L**

Relative:
Lower

Actual:
135 ft.

SLIC REG 1:
Region: 1
Facility ID: 1NSO403
Staff Initials: WTE

CERS:
Name: SONOMA COUNTY COMMUNITY DEVELOPMENT
Address: SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 224576
CERS ID: T0609793233
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

N118 **SALONCENTRIC INC 5924** **RCRA NonGen / NLR** **1024843231**
NNE **400 W 3RD ST STE B** **CAL000394421**
1/8-1/4 **SANTA ROSA, CA 95401**
0.221 mi.
1166 ft. **Site 1 of 2 in cluster N**

Relative:
Higher

Actual:
147 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/26/2014
Facility name: SALONCENTRIC INC 5924
Facility address: 400 W 3RD ST STE B
SANTA ROSA, CA 95401-7601
EPA ID: CAL000394421
Mailing address: 28145 HARRISON PARKWAY
VALENCIA, CA 91355-4165
Contact: JUAN CARLOS BOBEA
Contact address: 28145 W. HARRISON PARKWAY
VALENCIA, CA 91355
Contact country: Not reported
Contact telephone: 661-295-4887

SALONCENTRIC INC 5924 (Continued) **1024843231**

Contact email: JBOBEARIVAS@SALONCENTRIC.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: SALONCENTRIC INC
Owner/operator address: 10101 DR MARTIN LUTHER KING ST SUITE 100
ST. PETERSBURG, FL 33716
Owner/operator country: Not reported
Owner/operator telephone: 727-369-2623
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JUAN CARLOS BOBEA
Owner/operator address: 28145 W. HARRISON PARKWAY
VALENCIA, CA 91355
Owner/operator country: Not reported
Owner/operator telephone: 661-295-4887
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
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: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

O119 **SS SKIKOS INC** **RCRA NonGen / NLR** **1024828468**
WSW **1289 SEBASTOPOL RD** **CAL000360115**
1/8-1/4 **SANTA ROSA, CA 95407**
0.223 mi.
1178 ft. **Site 1 of 7 in cluster O**

Relative:
Lower

Actual:
135 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/06/2011
Facility name:	SS SKIKOS INC
Facility address:	1289 SEBASTOPOL RD SANTA ROSA, CA 95407-6834
EPA ID:	CAL000360115
Contact:	KELLY BROWN
Contact address:	1289 SEBASTOPOL RD SANTA ROSA, CA 95407-6834
Contact country:	Not reported
Contact telephone:	707-575-3000
Contact email:	KELLY@SKIKOSTRUCKING.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	KELLY BROWN
Owner/operator address:	1289 SEBASTOPOL RD SANTA ROSA, CA 95407
Owner/operator country:	Not reported
Owner/operator telephone:	707-575-3000
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SS SKIKOS INC
Owner/operator address:	1289 SEBASTOPOL RD SANTA ROSA, CA 95407
Owner/operator country:	Not reported
Owner/operator telephone:	707-575-3000
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

SS SKIKOS INC (Continued) **1024828468**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

O120 **SLAKEY BROTHERS** **LUST** **S106247498**
WSW **1289 SEBASTOPOL RD** **N/A**
1/8-1/4 **SANTA ROSA, CA**
0.223 mi.
1178 ft. **Site 2 of 7 in cluster O**

Relative: **Lower**
Actual: **135 ft.**

SONOMA CO. LUST:

Name:	SLAKEY BROTHERS
Address:	1289 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA
Region:	SONOMA
Regional Board:	1TSO030
Closed or Referred:	Referred
Confirm Date:	06/01/1992
LOP Number:	00001932
Staff:	Not reported
Decode of Staff:	Not reported
Global ID:	T0609700022
APN:	Not reported
Notes:	REFERRED

O121 **SLAKEY BROTHERS** **UST** **U004050181**
WSW **1289 SEBASTOPOL RD** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407**
0.223 mi.
1178 ft. **Site 3 of 7 in cluster O**

Relative: **Lower**
Actual: **135 ft.**

UST:

Name:	SLAKEY BROTHERS
Address:	1289 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-001784
Permitting Agency:	SONOMA COUNTY
Latitude:	38.430483
Longitude:	-122.732983

O122 **S. S. SKIKOS TRUCKING & DISTRIBUTION** **LUST** **S104164497**
WSW **1289 SEBASTOPOL RD** **AST** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407** **CERS TANKS**
0.223 mi. **CUPA Listings**
1178 ft. **Site 4 of 7 in cluster O** **HIST CORTESE**
Notify 65
Relative: **CERS**
Lower

Actual: **135 ft.**

LUST:

Name:	SLAKEY BROTHERS
Address:	1289 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700022
Global Id:	T0609700022
Latitude:	38.429220433
Longitude:	-122.7341628
Status:	Completed - Case Closed
Status Date:	03/21/2014
Case Worker:	ZZZ
RB Case Number:	1TSO030
Local Agency:	SONOMA COUNTY LOP
File Location:	Regional Board
Local Case Number:	00001932
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Former UST location identified as a source of contamination. Groundwater impacted with petroleum hydrocarbons. Plume is stable and localized.

LUST:

Global Id:	T0609700022
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	craig.hunt@waterboards.ca.gov
Phone Number:	7075762220

LUST:

Global Id:	T0609700022
Action Type:	ENFORCEMENT
Date:	07/08/2009
Action:	Staff Letter
Global Id:	T0609700022
Action Type:	ENFORCEMENT
Date:	01/23/2014
Action:	Staff Letter
Global Id:	T0609700022
Action Type:	ENFORCEMENT
Date:	11/05/2013
Action:	Notification - Preclosure
Global Id:	T0609700022
Action Type:	RESPONSE

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 10/07/2009
Action: File review

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 08/06/2012
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 03/09/2009
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 09/23/2013
Action: Verbal Enforcement

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 01/14/2011
Action: File review

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 03/21/2014
Action: Closure/No Further Action Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 04/08/2014
Action: Rescission of Enforcement Action

Global Id: T0609700022
Action Type: Other
Date: 08/13/1986
Action: Leak Discovery

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 08/18/2001
Action: * No Action

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 03/22/2005
Action: Staff Letter

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 10/26/2005
Action: Meeting

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 11/02/2005
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 01/24/2011
Action: Staff Letter

Global Id: T0609700022
Action Type: RESPONSE
Date: 12/28/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 07/22/2005
Action: Meeting

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 05/10/2006
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 07/05/2006
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 03/02/2010
Action: Staff Letter

Global Id: T0609700022
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 08/22/2006
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Date: 01/16/2008
Action: Staff Letter

Global Id: T0609700022
Action Type: Other
Date: 08/13/1986
Action: Leak Stopped

Global Id: T0609700022
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 12/07/2007
Action: Remedial Progress Report

Global Id: T0609700022
Action Type: RESPONSE
Date: 02/02/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700022
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 07/09/2012
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609700022
Action Type: RESPONSE
Date: 05/24/2012
Action: Other Report / Document - Regulator Responded

Global Id: T0609700022
Action Type: RESPONSE
Date: 07/16/2012
Action: Other Report / Document - Regulator Responded

Global Id: T0609700022
Action Type: RESPONSE
Date: 09/24/2013
Action: Request for Closure - Regulator Responded

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Global Id: T0609700022
Action Type: RESPONSE
Date: 01/07/2014
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700022
Action Type: REMEDIATION
Date: 08/16/2007
Action: Excavation

Global Id: T0609700022
Action Type: REMEDIATION
Date: 07/30/1986
Action: Excavation

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 01/09/2008
Action: Verbal Communication

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 04/02/2008
Action: Verbal Communication

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 05/30/2007
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 03/12/2012
Action: File review

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 04/09/2012
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 09/24/2012
Action: Notification - Proposition 65

Global Id: T0609700022
Action Type: RESPONSE
Date: 06/05/2006
Action: Other Report / Document

Global Id: T0609700022
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 08/21/2012
Action: Soil and Water Investigation Report

Global Id: T0609700022
Action Type: RESPONSE
Date: 08/21/2012
Action: Sensitive Receptor Survey Report

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 09/02/1988
Action: * Historical Enforcement

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 06/08/2012
Action: Verbal Enforcement

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 10/09/2012
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 05/08/2012
Action: Verbal Enforcement

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 10/18/2013
Action: File Review - Closure

Global Id: T0609700022
Action Type: Other
Date: 08/13/1986
Action: Leak Reported

Global Id: T0609700022
Action Type: RESPONSE
Date: 08/15/2006
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0609700022
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Global Id: T0609700022
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 03/01/2013
Action: Soil and Water Investigation Report

Global Id: T0609700022
Action Type: RESPONSE
Date: 12/09/2012
Action: Sensitive Receptor Survey Report

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 11/05/2013
Action: Staff Letter

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 09/24/2012
Action: Notification - Proposition 65

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 05/25/2012
Action: Staff Letter

Global Id: T0609700022
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 04/30/2007
Action: Other Workplan

Global Id: T0609700022
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 01/06/2014
Action: Well Destruction Workplan

Global Id: T0609700022
Action Type: RESPONSE

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Date: 12/05/2013
Action: Other Report / Document

Global Id: T0609700022
Action Type: RESPONSE
Date: 01/06/2014
Action: Other Report / Document

Global Id: T0609700022
Action Type: RESPONSE
Date: 01/06/2014
Action: Other Report / Document

Global Id: T0609700022
Action Type: ENFORCEMENT
Date: 12/04/2008
Action: Staff Letter

Global Id: T0609700022
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700022
Action Type: RESPONSE
Date: 02/16/2008
Action: Remedial Progress Report

LUST:
Global Id: T0609700022
Status: Open - Case Begin Date
Status Date: 08/13/1986

Global Id: T0609700022
Status: Open - Site Assessment
Status Date: 09/02/1987

Global Id: T0609700022
Status: Open - Site Assessment
Status Date: 03/15/1991

Global Id: T0609700022
Status: Open - Site Assessment
Status Date: 07/31/1991

Global Id: T0609700022
Status: Open - Site Assessment
Status Date: 04/14/1997

Global Id: T0609700022
Status: Open - Site Assessment
Status Date: 09/26/2001

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Global Id: T0609700022
Status: Open - Remediation
Status Date: 07/24/2006

Global Id: T0609700022
Status: Open - Remediation
Status Date: 12/07/2007

Global Id: T0609700022
Status: Open - Eligible for Closure
Status Date: 01/13/2014

Global Id: T0609700022
Status: Completed - Case Closed
Status Date: 03/21/2014

LUST REG 1:
Region: 1
Facility ID: 1TSO030
Staff Initials: WTE

AST:
Name: S. S. SKIKOS TRUCKING & DISTRIBUTION
Address: 1289 SEBASTOPOL RD
City/Zip: SANTA ROSA,95407
Certified Unified Program Agencies: Not reported
Owner: Mr. Shad Skikos
Total Gallons: Not reported
CERSID: 10102354
Facility ID: 49-000-001784
Business Name: S. S. Skikos Trucking & Distribution
Phone: 7075753000
Fax: Not reported
Mailing Address: Not reported
Mailing Address City: Not reported
Mailing Address State: Not reported
Mailing Address Zip Code: Not reported
Operator Name: S.S. Skikos Trucking & Distribution
Operator Phone: 7075753000
Owner Phone: 7075753000
Owner Mail Address: Not reported
Owner State: CA
Owner Zip Code: 95407
Owner Country: United States
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

CERS TANKS:
Name: S. S. SKIKOS TRUCKING & DISTRIBUTION

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Address: 1289 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 63669
CERS ID: 10102354
CERS Description: Aboveground Petroleum Storage

CUPA SONOMA:
Name: S. S. SKIKOS TRUCKING & DISTRIBUTION
Add1: 1289 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-001784
Permit: Not reported
Type: HMBP
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Range 5
CERS ID: 10102354
Experation Date: 06/20/2020

Name: S. S. SKIKOS TRUCKING & DISTRIBUTION
Add1: 1289 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-001784
Permit: Not reported
Type: Hazardous Waste
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Not reported
CERS ID: 10102354
Experation Date: 07/06/2012

Name: S. S. SKIKOS TRUCKING & DISTRIBUTION
Add1: 1289 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-001784
Permit: Not reported
Type: APSA
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Tier 3 Facility (> 1320 gallons, > 10000 gallons)
CERS ID: 10102354
Experation Date: 06/20/2020

HIST CORTESE:

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

edr_fname: SLAKEY BROTHERS
edr_fadd1: 1289 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95407
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO030

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

CERS:
Name: SLAKEY BROTHERS
Address: 1289 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 327177
CERS ID: 257402
CERS Description: Tanks & Ground Water Clean Up

Violations:
Site ID: 327177
Site Name: Slakey Brothers
Violation Date: 11-05-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT MONITORING REPORT IN A TIMELY MANNER
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Name: S. S. SKIKOS TRUCKING & DISTRIBUTION
Address: 1289 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 63669
CERS ID: 10102354
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 63669
Site Name: S. S. Skikos Trucking & Distribution
Violation Date: 05-01-2015
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 12/21/2016. Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	63669
Site Name:	S. S. Skikos Trucking & Distribution
Violation Date:	03-14-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan.
Violation Notes:	Returned to compliance on 04/30/2019. Create and implement SPCC plan with professional engineer
Violation Division:	Santa Rosa City Fire Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	63669
Site Name:	S. S. Skikos Trucking & Distribution
Violation Date:	03-14-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 04/30/2019. Implement training plan
Violation Division:	Santa Rosa City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	63669
Site Name:	S. S. Skikos Trucking & Distribution
Violation Date:	05-01-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 12/21/2016. Submitted HMBP to CERS
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	63669
Site Name:	S. S. Skikos Trucking & Distribution
Violation Date:	05-01-2015
Citation:	HSC 6.67 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(2)
Violation Description:	Failure to submit a Tank Facility Statement or Business Plan.
Violation Notes:	Returned to compliance on 12/21/2016. No HMBP in CERS - no tank statement. Submit complete HMBP in CERS to comply with tank statement requirement in hazardous materials inventory reporting.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	APSA
Violation Source:	CERS

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Site ID: 63669
Site Name: S. S. Skikos Trucking & Distribution
Violation Date: 12-12-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 03/13/2019.
Violation Division: Santa Rosa City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-16-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-30-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: APSA

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-30-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: PE certified SPCC Plan has been implemented. Facility is clean and well organized. Reviewed SPCC Plan and inspection and training records.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Well organized, clean - reviewed training plans, walked facility. No longer generates hazardous waste through vehicle maintenance activities - vendor supplied.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-12-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 63669
Facility Name: S. S. Skikos Trucking & Distribution
Env Int Type Code: HMBP
Program ID: 10102354
Coord Name: Not reported

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Ref Point Type Desc: Unknown
Latitude: 38.429134
Longitude: -122.734329

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: S. S. Skikos Trucking & Distribution
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Santa Rosa Fire Dept
Entity Title: Not reported
Affiliation Address: 2373 Circadian Way
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95407
Affiliation Phone: (707) 543-3500

Affiliation Type Desc: Identification Signer
Entity Name: Shad Skikos
Entity Title: Vice President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Pete Skikos
Entity Title: Not reported
Affiliation Address: 1289 Sebastopol Rd.
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95407
Affiliation Phone: (707) 575-3000

Affiliation Type Desc: Environmental Contact
Entity Name: S.S. Skikos Trucking & Distribution
Entity Title: Not reported
Affiliation Address: 1289 Sebastopol Rd.
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95407
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

S. S. SKIKOS TRUCKING & DISTRIBUTION (Continued) **S104164497**

Entity Title: Not reported
Affiliation Address: 1289 Sebastopol Rd.
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95407
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Kelly Brown
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Shad Skikos
Entity Title: Not reported
Affiliation Address: 1289 Sebastopol Rd.
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95407
Affiliation Phone: (707) 575-3000

Affiliation Type Desc: Operator
Entity Name: S.S. Skikos Trucking & Distribution
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 575-3000

Name: SLAKEY BROTHERS
Address: 1289 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 206197
CERS ID: T0609700022
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

O123 **SLAKEY BROTHERS, INC.** **SWEEPS UST** **S101630610**
WSW **1289 SEBASTOPOL RD** **HIST UST** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407** **CA FID UST**
0.223 mi.
1178 ft. **Site 5 of 7 in cluster O**

Relative:
Lower

Actual:
135 ft.

SWEEPS UST:

Name:	SLAKEY BROTHERS, INC.
Address:	1289 SEBASTOPOL RD
City:	SANTA ROSA
Status:	Active
Comp Number:	23650
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	#1
SWRCB Tank Id:	49-060-023650-000001
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	1

HIST UST:

Name:	SLAKEY BROTHERS INC
Address:	1289 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
File Number:	00021746
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021746.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	49000457
Regulated By:	UTNKA

SLAKEY BROTHERS, INC. (Continued) **S101630610**

Regulated ID:	00023650
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7075443434
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA ROSA 95407
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

O124 **SS SKIKOS INC** **HIST UST U001609577**
WSW **1289 SEBASTOPOL RD** **HAZNET N/A**
1/8-1/4 **SANTA ROSA, CA 95407**
0.223 mi.
1178 ft. **Site 6 of 7 in cluster O**

Relative:
Lower

Actual:
135 ft.

HIST UST:

Name:	SLAKEY BROTHERS, INC.
Address:	1289 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000023650
Facility Type:	Other
Other Type:	WHOLESALER
Contact Name:	DAN O'MARA, BRANCH MANAGER
Telephone:	7075443434
Owner Name:	SLAKEY BROTHERS, INC.
Owner Address:	500! SEQUOIA PACIFIC BOULEVARD
Owner City,St,Zip:	SACRAMENTO, CA 95814
Total Tanks:	0001
Tank Num:	001
Container Num:	#1
Year Installed:	1978
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	10
Leak Detection:	Visual, Stock Inventor

HAZNET:

Name:	SS SKIKOS INC
Address:	1289 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 954076834
Year:	2017
GEPAID:	CAL000360115
Contact:	KELLY BROWN
Telephone:	7075753000
Mailing Name:	Not reported

SS SKIKOS INC (Continued) **U001609577**

Mailing Address:	1289 SEBASTOPOL RD
Mailing City,St,Zip:	SANTA ROSA, CA 954070000
Gen County:	Sonoma
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Tons:	0.229
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Sonoma

P125 **MY CLEANERS / ECONOMY CLEANERS** **CPS-SLIC** **S107473165**
East **426 SEBASTOPOL ROAD** **CERS** **N/A**
1/8-1/4 **SANTA ROSA, CA 95401**
0.225 mi.
1189 ft. **Site 1 of 4 in cluster P**

Relative:
Higher

Actual:
145 ft.

CPS-SLIC:

Name:	MY CLEANERS / ECONOMY CLEANERS
Address:	426 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/02/2012
Global Id:	SL0609762190
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4303
Longitude:	-122.7256
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	SANTA ROSA, CITY OF
RB Case Number:	1NSR426
File Location:	Regional Board
Potential Media Affected:	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:

CERS:

Name:	MY CLEANERS / ECONOMY CLEANERS
Address:	426 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	198849
CERS ID:	SL0609762190
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

O126 **PACIFIC BELL** **RCRA NonGen / NLR** **1000250656**
SW **1290 SEBASTOPOL ROAD** **FINDS** **CAD981167281**
1/8-1/4 **SANTA ROSA, CA 95401** **ECHO**
0.226 mi.
1191 ft. **Site 7 of 7 in cluster O**

Relative:
Lower

Actual:
135 ft.

RCRA NonGen / NLR:
Date form received by agency: 09/02/1997
Facility name: PACIFIC BELL
Facility address: 1290 SEBASTOPOL ROAD
SANTA ROSA, CA 95401
EPA ID: CAD981167281
Mailing address: 370 THIRD STREET, ROOM 600G
SAN FRANCISCO, CA 94107
Contact: ENVIRONMENTAL MANAGER
Contact address: 1290 SEBASTOPOL ROAD
SANTA ROSA, CA 95401
Contact country: US
Contact telephone: 213-738-8454
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: PACIFIC BELL
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

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

PACIFIC BELL (Continued) **1000250656**

Classification: Small Quantity Generator

Date form received by agency: 12/17/1985
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002680297

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

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

ECHO:
Envid: 1000250656
Registry ID: 110002680297
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002680297

Q127
ENE
1/8-1/4
0.237 mi.
1251 ft.

ROADRUNNER MOBILE TRUCK REPAIR INC **RCRA NonGen / NLR** **1024838286**
256 DUTTON AVE **CAL000384912**
SANTA ROSA, CA 95407

Site 1 of 5 in cluster Q

Relative:
Higher

Actual:
148 ft.

RCRA NonGen / NLR:
Date form received by agency: 04/25/2013
Facility name: ROADRUNNER MOBILE TRUCK REPAIR INC
Facility address: 256 DUTTON AVE
SANTA ROSA, CA 95407
EPA ID: CAL000384912
Contact: BRUCE MILLS
Contact address: PO BOX 751093
PETALUMA, CA 94975
Contact country: Not reported
Contact telephone: 707-480-6172
Contact email: ROADRNR313@AOL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: BRUCE MILLS
Owner/operator address: PO BOX 751093
PETALUMA, CA 94975
Owner/operator country: Not reported
Owner/operator telephone: 707-480-6172

ROADRUNNER MOBILE TRUCK REPAIR INC (Continued) **1024838286**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ROADRUNNER MOBILE TRUCK REPAIR INC
Owner/operator address: PO BOX 751093
PETALUMA, CA 94975
Owner/operator country: Not reported
Owner/operator telephone: 707-765-4552
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

Q128 **ROADRUNNER MOBILE TRUCK REPAIR INC** **CERS HAZ WASTE** **S113102056**
ENE **256 DUTTON AVE** **CUPA Listings** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407** **HAZNET**
0.237 mi. **CERS**
1251 ft. **Site 2 of 5 in cluster Q**

Relative:
Higher

Actual:
148 ft.

CERS HAZ WASTE:
Name: ROADRUNNER MOBILE TRUCK REPAIR INC
Address: 256 DUTTON AVE
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 400812
CERS ID: 10441237
CERS Description: Hazardous Waste Generator

CUPA SONOMA:
Name: ROADRUNNER MOBILE TRUCK REPAIR INC
Add1: 256 DUTTON AVE
City,State,Zip: SANTA ROSA, CA 95407

ROADRUNNER MOBILE TRUCK REPAIR INC (Continued) **S113102056**

Facility ID:	49-000-008126
Permit:	Not reported
Type:	Hazardous Waste
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	SQG > 325 gallons/year to
CERS ID:	10441237
Experation Date:	03/31/2019

Name:	ROADRUNNER MOBILE TRUCK REPAIR INC
Add1:	256 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-008126
Permit:	Not reported
Type:	HMBP
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Range 2
CERS ID:	10441237
Experation Date:	03/31/2019

HAZNET:

Name:	SIMPLE AUTO REPAIR
Address:	256 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 954070000
Year:	2000
GEPAID:	CAL000195894
Contact:	BERNARDO CHAVEZ/OWNER
Telephone:	7075699087
Mailing Name:	Not reported
Mailing Address:	77 WEST 3RD ST
Mailing City,St,Zip:	SANTA ROSA, CA 954010000
Gen County:	Sonoma
TSD EPA ID:	CAD044003556
TSD County:	Yolo
Tons:	0.2293
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H01-Transfer Station
Facility County:	Sonoma

CERS:

Name:	ROADRUNNER MOBILE TRUCK REPAIR INC
Address:	256 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	400812
CERS ID:	10441237
CERS Description:	Chemical Storage Facilities

ROADRUNNER MOBILE TRUCK REPAIR INC (Continued) **S113102056**

Violations:

Site ID:	400812
Site Name:	Roadrunner Mobile Truck Repair Inc
Violation Date:	06-05-2018
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 07/23/2018.
Violation Division:	Santa Rosa City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	400812
Site Name:	Roadrunner Mobile Truck Repair Inc
Violation Date:	06-05-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/07/2018.
Violation Division:	Santa Rosa City Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	400812
Site Name:	Roadrunner Mobile Truck Repair Inc
Violation Date:	03-30-2016
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Training - General
Violation Notes:	Returned to compliance on 08/11/2017. Provide employee training on hazardous materials and document.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	400812
Site Name:	Roadrunner Mobile Truck Repair Inc
Violation Date:	03-30-2016
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 08/11/2017. Immediately provide training to all employees who handle hazardous waste and submit a copy of the training records to the CUPA by [date, 30 days from now].
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HW

ROADRUNNER MOBILE TRUCK REPAIR INC (Continued) **S113102056**

Violation Source: CERS

Site ID: 400812
Site Name: Roadrunner Mobile Truck Repair Inc
Violation Date: 03-30-2016
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 08/11/2017. Immediately provide employees with initial or refresher hazardous waste training as required. Submit a copy of the roster and the syllabus to the CUPA by [date, 30 days from now].
Violation Division: Sonoma County Fire & Emergency Services Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2018
Violations Found: Yes

ROADRUNNER MOBILE TRUCK REPAIR INC (Continued) **S113102056**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 400812
Facility Name: Roadrunner Mobile Truck Repair Inc
Env Int Type Code: HMBP
Program ID: 10441237
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 38.432080
Longitude: -122.725780

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Rosa Fire Dept
Entity Title: Not reported
Affiliation Address: 2373 Circadian Way
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95407
Affiliation Phone: (707) 543-3500

Affiliation Type Desc: Environmental Contact
Entity Name: Bruce Mills
Entity Title: Not reported
Affiliation Address: 256 Dutton Ave
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95407
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Roadrunner Mobile Truck Repair Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

ROADRUNNER MOBILE TRUCK REPAIR INC (Continued) **S113102056**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O box 751093
Affiliation City:	Petaluma
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94975
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Bruce Mlls
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Bruce Mills
Entity Title:	Not reported
Affiliation Address:	P.O box 751093
Affiliation City:	Petaluma
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94975
Affiliation Phone:	(707) 480-6172

Affiliation Type Desc:	Operator
Entity Name:	Roadrunner Mobile Truck Repair
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 765-4552

Affiliation Type Desc:	Property Owner
Entity Name:	Larry Goodwin
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(707) 483-7216

Affiliation Type Desc:	Document Preparer
Entity Name:	Bruce Mlls
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

ROADRUNNER MOBILE TRUCK REPAIR INC (Continued) **S113102056**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Q129 **HARRIMEN'S/DIAMOND LUMBER** **ENF** **S100614709**
ENE **275 DUTTON AVENUE** **HIST CORTESE** **N/A**
1/8-1/4 **SANTA ROSA, CA 95407**
0.241 mi.
1274 ft. **Site 3 of 5 in cluster Q**

Relative:
Higher

Actual:
148 ft.

ENF:

Name:	HARRIMEN'S/DIAMOND LUMBER
Address:	275 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	229730
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43204
Place Longitude:	-122.72582
SIC Code 1:	4225
SIC Desc 1:	General Warehousing and Storage
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported

HARRIMEN'S/DIAMOND LUMBER (Continued) **S100614709**

Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224239
Region:	1
Order / Resolution Number:	92-086
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	06/08/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/01/1992
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR086NUG Harrimen's/Diamond Lumber
Description:	CAO ISSUED WITH SCHEDULE FOR COMPLETING THE INVESTIGAITON & DEVELOPING A CLEANUP PLAN.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	HARRIMEN'S/DIAMOND LUMBER
Address:	275 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	229730
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43204
Place Longitude:	-122.72582

HARRIMEN'S/DIAMOND LUMBER (Continued) **S100614709**

SIC Code 1:	4225
SIC Desc 1:	General Warehousing and Storage
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224233
Region:	1
Order / Resolution Number:	92-145
Enforcement Action Type:	Clean-up and Abatement Order

HARRIMEN'S/DIAMOND LUMBER (Continued) **S100614709**

Effective Date:	12/01/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/01/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR086NUG Harrimen's/Diamond Lumber
Description:	CAO REVISES 92-086. CAO REQUESTS IMPLEMENTATION OF WORKPLAN & SUBMITTAL OF CORRECTIVE ACTION PLAN.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	HARRIMEN'S/DIAMOND LUMBER
Address:	275 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	229730
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43204
Place Longitude:	-122.72582
SIC Code 1:	4225
SIC Desc 1:	General Warehousing and Storage
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported

HARRIMEN'S/DIAMOND LUMBER (Continued) **S100614709**

Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220115
Region:	1
Order / Resolution Number:	LT950901
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	09/01/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/01/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR086NUG Harrimen's/Diamond Lumber
Description:	CASE CLOSURE.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	HARRIMEN'S/DIAMOND LUMBER
Address:	275 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407

HARRIMEN'S/DIAMOND LUMBER (Continued) **S100614709**

Region:	1
Facility Id:	229730
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43204
Place Longitude:	-122.72582
SIC Code 1:	4225
SIC Desc 1:	General Warehousing and Storage
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported

HARRIMEN'S/DIAMOND LUMBER (Continued) **S100614709**

WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224556
Region:	1
Order / Resolution Number:	90-055
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/16/1990
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/08/1992
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR086NUG Harrimen's/Diamond Lumber
Description:	REQUEST WORKPLAN FOR THE INVESTIGATION AND CLEANUP BE SUBMITTED.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	HARRIMANS/DIAMOND LUMBER
edr_fadd1:	275 DUTTON
City,State,Zip:	SANTA ROSA, CA 95407
Region:	CORTESE
Facility County Code:	49
Reg By:	WBC&D
Reg Id:	1B1SR086NUG

Q130 **SHELL SERVICE STATION, DUTTON AVENUE** **Cortese** **S113158232**
ENE **255 DUTTON AVENUE** **HAZNET** **N/A**
1/4-1/2 **SANTA ROSA, CA 95403**
0.258 mi.
1364 ft. **Site 4 of 5 in cluster Q**

Relative:
Higher

Actual:
149 ft.

CORTESE:

Name:	SHELL SERVICE STATION, DUTTON AVENUE
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95403
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S113158232**

Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	1
WID Id:	1B1SO079NUG
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

HAZNET:

Name:	AU ENERGY-DUTTON SHELL
Address:	255 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 954076840
Year:	2017
GEPAID:	CAL000350871
Contact:	JORGE IZEPPI
Telephone:	5102703457
Mailing Name:	Not reported
Mailing Address:	41805 ALBRAE ST
Mailing City,St,Zip:	FREMONT, CA 945383120
Gen County:	Sonoma
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.025
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Sonoma

Name:	AU ENERGY-DUTTON SHELL
Address:	255 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 954076840
Year:	2017
GEPAID:	CAL000350871
Contact:	JORGE IZEPPI
Telephone:	5102703457
Mailing Name:	Not reported
Mailing Address:	41805 ALBRAE ST
Mailing City,St,Zip:	FREMONT, CA 945383120
Gen County:	Sonoma
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.22935
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Sonoma

Name:	AU ENERGY-DUTTON SHELL
Address:	255 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 954076840

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S113158232**

Year:	2016
GEPAID:	CAL000350871
Contact:	JORGE IZEPPI
Telephone:	5102703814
Mailing Name:	Not reported
Mailing Address:	41805 ALBRAE ST
Mailing City,St,Zip:	FREMONT, CA 945383120
Gen County:	Sonoma
TSD EPA ID:	UTD981552177
TSD County:	99
Tons:	0.1
CA Waste Code:	352-Other organic solids
Method:	H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	Sonoma

Name:	AU ENERGY-DUTTON SHELL
Address:	255 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 954076840
Year:	2016
GEPAID:	CAL000350871
Contact:	JORGE IZEPPI
Telephone:	5102703814
Mailing Name:	Not reported
Mailing Address:	41805 ALBRAE ST
Mailing City,St,Zip:	FREMONT, CA 945383120
Gen County:	Sonoma
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Tons:	0.25
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Sonoma

Name:	AU ENERGY-DUTTON SHELL
Address:	255 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 954076840
Year:	2015
GEPAID:	CAL000350871
Contact:	JOHN ELLIS
Telephone:	5102703814
Mailing Name:	Not reported
Mailing Address:	41805 ALBRAE ST
Mailing City,St,Zip:	FREMONT, CA 945383120
Gen County:	Sonoma
TSD EPA ID:	UTD981552177
TSD County:	99
Tons:	0.02
CA Waste Code:	352-Other organic solids
Method:	H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	Sonoma

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

Q131 **SHELL SERVICE STATION, DUTTON AVENUE** **LUST** **S101304919**
ENE **255 DUTTON AVENUE** **CPS-SLIC** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407** **Cortese**
0.258 mi. **EMI**
1364 ft. **Site 5 of 5 in cluster Q** **ENF**
HIST CORTESE
Relative: **Notify 65**
Higher **CERS**

Actual:
149 ft.

LUST:

Name:	SHELL SERVICE STATION - DUTTON AVENUE
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700053
Global Id:	T0609700053
Latitude:	38.4323169790114
Longitude:	-122.725556111008
Status:	Open - Verification Monitoring
Status Date:	05/27/2015
Case Worker:	PBN
RB Case Number:	1TSO079
Local Agency:	SONOMA COUNTY
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply, Well used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	The Shell-branded service station and former DZ, Inc. petroleum fuel bulk plant, located at 255 and 257 Dutton Avenue, respectively, are sited in a commercial section of southwest Santa Rosa, California. The Shell station has been in operation since the early 1960s. The DZ site is a former Shell bulk plant, originally operated by Shell in the 1960s and sold in 1974 to DZ, Inc. The two adjacent properties are managed as one commingled plume site per a 2003 agreement between the responsible parties, and are currently enrolled in the California Underground Storage Tank Cleanup Fund.

LUST:

Global Id:	T0609700053
Contact Type:	Regional Board Caseworker
Contact Name:	PAUL NELSON
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 Skylane Blvd, Suite A
City:	SANTA ROSA
Email:	paul.nelson@waterboards.ca.gov
Phone Number:	7075762686

LUST:

Global Id:	T0609700053
Action Type:	ENFORCEMENT
Date:	03/20/2009
Action:	File review
Global Id:	T0609700053
Action Type:	ENFORCEMENT
Date:	07/31/2009
Action:	Staff Letter

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: File review

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: 13267 Monitoring Program

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 07/28/2015
Action: Annual Estimation Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 11/16/2017
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 12/31/2008
Action: Conceptual Site Model

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2009
Action: Remedial Progress Report

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 03/31/2010
Action: Interim Remedial Action Report

Global Id: T0609700053
Action Type: RESPONSE
Date: 08/14/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Date: 07/31/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 08/30/2015
Action: Monitoring Report - Other

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 12/22/1998
Action: Clean-up and Abatement Order

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 12/23/2009
Action: File review

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 03/05/2015
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 08/20/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 02/23/2015
Action: Email Correspondence

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 06/30/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/30/2009
Action: Soil and Water Investigation Workplan

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 07/01/2003
Action: * No Action

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 04/07/1999
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 09/02/1999
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 07/27/1999
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 11/17/2000
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 09/04/2003
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 04/21/2010
Action: File review

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 04/26/2010
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 04/25/2011
Action: Staff Letter

Global Id: T0609700053
Action Type: Other
Date: 08/24/1987
Action: Leak Discovery

Global Id: T0609700053
Action Type: RESPONSE
Date: 03/27/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 09/28/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Date: 11/30/2003
Action: Other Report / Document

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 06/01/2005
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 07/12/2011
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 06/09/2015
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 10/08/2015
Action: Email Correspondence

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 10/29/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/16/2003
Action: Unknown

Global Id: T0609700053
Action Type: RESPONSE
Date: 06/15/1999
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700053
Action Type: RESPONSE
Date: 12/28/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 06/29/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/01/2005
Action: Other Report / Document

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Global Id: T0609700053
Action Type: RESPONSE
Date: 06/25/2010
Action: Soil and Water Investigation Workplan

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/31/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2011
Action: Remedial Progress Report

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/31/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 06/23/2011
Action: Soil and Water Investigation Workplan

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/14/2015
Action: Correspondence

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 08/24/2005
Action: 13267 Monitoring Program

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 03/21/2005
Action: Staff Letter

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Date: 04/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/31/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 06/23/2006
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 06/21/2007
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 03/29/2017
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700053
Action Type: Other
Date: 08/24/1987
Action: Leak Stopped

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 04/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 04/16/2012
Action: CAP/RAP - Feasibility Study Report

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2017
Action: Monitoring Report - Semi-Annually

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/31/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/31/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 04/27/2015
Action: Proposed Plan - Regulator Responded

Global Id: T0609700053
Action Type: REMEDIATION
Date: 03/01/1992
Action: Free Product Removal

Global Id: T0609700053
Action Type: REMEDIATION
Date: 03/24/2009
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700053
Action Type: REMEDIATION
Date: 10/01/2009
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700053
Action Type: REMEDIATION
Date: 04/07/2007
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700053
Action Type: REMEDIATION
Date: 03/21/2007
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700053
Action Type: REMEDIATION
Date: 12/13/2002
Action: Pump & Treat (P&T) Groundwater

Global Id: T0609700053
Action Type: REMEDIATION

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Date: 10/29/1998
Action: Excavation

Global Id: T0609700053
Action Type: REMEDIATION
Date: 07/09/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 06/03/2008
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 06/11/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/31/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/31/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/01/2012
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 07/31/2012
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 12/19/2012
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 12/19/2012
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 05/21/2018
Action: Email Correspondence

Global Id: T0609700053
Action Type: Other
Date: 08/24/1987
Action: Leak Reported

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2013
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/19/2013
Action: Correspondence

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/31/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 03/05/2008
Action: Verbal Enforcement

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 07/22/2008
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 09/12/2008
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Date: 06/25/2012
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 03/11/2013
Action: 13267 Monitoring Program - #R1]2013]0021

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 11/06/2012
Action: File review

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/01/2008
Action: Monitoring Report - Other

Global Id: T0609700053
Action Type: RESPONSE
Date: 08/22/2008
Action: Other Report / Document

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 08/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700053
Action Type: RESPONSE
Date: 01/31/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 03/25/2009
Action: Staff Letter

Global Id: T0609700053
Action Type: ENFORCEMENT
Date: 03/11/2013
Action: Staff Letter

Global Id: T0609700053
Action Type: RESPONSE
Date: 05/08/2009
Action: Monitoring Report - Quarterly

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Global Id: T0609700053
Action Type: RESPONSE
Date: 10/21/1999
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700053
Action Type: RESPONSE
Date: 03/15/2008
Action: Remedial Progress Report

Global Id: T0609700053
Action Type: RESPONSE
Date: 11/30/2009
Action: Soil and Water Investigation Report

Global Id: T0609700053
Action Type: RESPONSE
Date: 07/31/2014
Action: Monitoring Report - Semi-Annually

LUST:
Global Id: T0609700053
Status: Open - Case Begin Date
Status Date: 08/24/1987

Global Id: T0609700053
Status: Open - Site Assessment
Status Date: 09/04/1987

Global Id: T0609700053
Status: Open - Site Assessment
Status Date: 05/10/1988

Global Id: T0609700053
Status: Open - Site Assessment
Status Date: 11/29/1988

Global Id: T0609700053
Status: Open - Site Assessment
Status Date: 01/09/1995

Global Id: T0609700053
Status: Open - Remediation
Status Date: 06/16/1999

Global Id: T0609700053
Status: Open - Remediation
Status Date: 12/19/2000

Global Id: T0609700053
Status: Open - Remediation
Status Date: 03/14/2008

Global Id: T0609700053
Status: Open - Site Assessment
Status Date: 07/20/2011

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Global Id: T0609700053
Status: Open - Verification Monitoring
Status Date: 04/13/2012

Global Id: T0609700053
Status: Open - Verification Monitoring
Status Date: 05/27/2015

LUST REG 1:
Region: 1
Facility ID: 1TSO079
Staff Initials: WTE

CPS-SLIC:
Name: SHELL SERVICE STATION - DUTTON AVE
Address: 255 DUTTON AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 05/15/2009
Global Id: SL0002014200
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4322992775776
Longitude: -122.725553065539
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: Not reported
RB Case Number: 1NSO079
File Location: Regional Board
Potential Media Affected: Not reported
Potential Contaminants of Concern: * Petroleum - Automotive gasolines
Site History: Electronic data reports for this co-mingled plume site are uploaded to the LUST case 1TSSO079. The site is the location of an active gas station where an investigation and cleanup is in progrsess for releases from underground storage tanks (USTs) . Groundwater beneath this site has also been impacted by releases from the adjacent petroleum bulk plant. The site invrstigation and cleanup activities are being managed as a co-mingled plume. All case management activities and site investigation data related to the UST releases are being managed under the Geotracker Case # 1TSO079. The non-tank Geotracker case 1NSO079 is redundant and un-necessary and will be closed as an administrative action to improve utility of the Geotracker for documenting regulatory and cleanup activities.

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

CORTESE:
Name: SHELL SERVICE STATION - DUTTON AVENUE
Address: 255 DUTTON AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0609700053
Site/Facility Type: LUST CLEANUP SITE

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Cleanup Status:	OPEN - VERIFICATION MONITORING
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	EQUILON ENTERPRISES LLC C/O CO
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA
Year:	2007
County Code:	49
Air Basin:	SF
Facility ID:	17692
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.67
Reactive Organic Gases Tons/Yr:	1.865262
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EQUILON ENTERPRISES LLC C/O CO
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95404
Year:	2008
County Code:	49
Air Basin:	SF
Facility ID:	17692
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.261
Reactive Organic Gases Tons/Yr:	.1823346
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

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

Name:	EQUILON ENTERPRISES LLC C/O CO
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95404
Year:	2009
County Code:	49
Air Basin:	SF
Facility ID:	17692
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.56399999999999995
Reactive Organic Gases Tons/Yr:	0.39401039999999998
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EQUILON ENTERPRISES LLC C/O CO
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95404
Year:	2010
County Code:	49
Air Basin:	SF
Facility ID:	17692
Air District Name:	BA
SIC Code:	1799
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.6000000000000002E-2
Reactive Organic Gases Tons/Yr:	6.7065600000000003E-2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

ENF:

Name:	SHELL SERVICE STATION, DUTTON AVENUE
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	256708
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43236
Place Longitude:	-122.72549
SIC Code 1:	5541

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219994
Region:	1
Order / Resolution Number:	LT970828
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/28/1997

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/28/1997
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO079NUG Shell Service Station, Dutton Avenue
Description:	REQUESTING TO BE INFORMED OF SHELL'S DECISION REGARDING THE DTSC WELL.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL SERVICE STATION, DUTTON AVENUE
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	256708
Agency Name:	Shell Oil Company - San Bruno
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	38.43236
Place Longitude:	-122.72549
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Program Category2:	TANKS
# Of Programs:	1
WDID:	1B1SO079NUG
Reg Measure Id:	154458
Reg Measure Type:	Unregulated
Region:	1
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	04/23/2012
Effective Date:	08/24/1987
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	223546
Region:	1
Order / Resolution Number:	R1-1998-0128
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	12/22/1998
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 1B1SO079NUG Shell Service Station, Dutton Avenue
Description:	RESENT MERGER OF SHELL & TESACO AND NEED FOR A REMEDIAL ACTION PLAN FOR SITE.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	SHELL SERVICE STATION, DUTTON AVENUE
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Region:	1
Facility Id:	256708
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43236
Place Longitude:	-122.72549
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223845
Region:	1
Order / Resolution Number:	93-12301
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	12/14/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/28/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO079NUG Shell Service Station, Dutton Avenue
Description:	EXTENSIVE GROUNDWATER CONTAMINATION. CAO DIRECTS DISCHARGERS TO DEVELOP WORKPLAN FOR INVESTIGATION.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL SERVICE STATION, DUTTON AVENUE
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	256708
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43236
Place Longitude:	-122.72549
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	222769
Region:	1
Order / Resolution Number:	LT941115
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	11/15/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/15/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO079NUG Shell Service Station, Dutton Avenue
Description:	REQUESTING ACKNOWLEDGEMENT OF INTENT TO COVER COSTS FOR CLEANUP OVERSIGHT.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL SERVICE STATION, DUTTON AVENUE
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	256708
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43236
Place Longitude:	-122.72549
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223442
Region:	1
Order / Resolution Number:	94-067
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	04/28/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/22/1998
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO079NUG Shell Service Station, Dutton Avenue
Description:	CAO REVISES 93-123. CAO RECOGNIZES THE CONTAMIONATION AND REQUIRES INVESTIGATION & CLEANUP.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL SERVICE STATION, DUTTON AVENUE
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	256708
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Gasoline Service Station
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43236
Place Longitude:	-122.72549
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223207
Region:	1
Order / Resolution Number:	LT940728
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/28/1994
Adoption/Issuance Date:	Not reported

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Achieve Date:	Not reported
Termination Date:	07/28/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO079NUG Shell Service Station, Dutton Avenue
Description:	GRANTING EXTENSION OF SUBMITTAL OF WORKPLAN.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	SHELL SERVICE STATION
edr_fadd1:	255 DUTTON
City,State,Zip:	SANTA ROSA, CA 95401
Region:	CORTESE
Facility County Code:	49
Reg By:	WBC&D
Reg Id:	1B1SO079NUG

edr_fname:	SHELL (DUTTON)
edr_fadd1:	255 DUTTON
City,State,Zip:	SANTA ROSA, CA 95401
Region:	CORTESE
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSO079

NOTIFY 65:

Date Reported:	19961122
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	UNKNOWN
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

CERS:

Name:	EQUILON ENTERPRISES LLC C/O CO
Address:	255 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95404
Site ID:	466679
CERS ID:	110054258085
CERS Description:	US EPA Air Emission Inventory System (EIS)

Name:	SHELL SERVICE STATION, DUTTON AVENUE
Address:	255 DUTTON
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	67213

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

CERS ID: T0609700053
CERS Description: Leaking Underground Storage Tank Cleanup Site

Violations:

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Violation Date: 11-15-1997
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT THIRD QUARTER MONITORING REPORT WITHIN 30 DAYS OF DUE DATE.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Violation Date: 04-26-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: SEPARATE PHASE HYDROCARBONS FLOATING ON GROUND WATER.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Violation Date: 02-23-1998
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT MONITORING REPORT (4TH QUARTER) WITHIN 30 AYS OF 1/15 DUE DATE.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Violation Date: 05-10-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT MONTHLY STATUS REPORT REQUIRED BY C&A 94-67.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Violation Date: 07-25-1997
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT SECOND QUARTER MONITORING REPORT.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Evaluation:

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Eval General Type: Compliance Followup Inspection
Eval Date: 03-17-1995
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Compliance Followup Inspection
Eval Date: 03-21-1995
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Compliance Followup Inspection
Eval Date: 03-23-1995
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Other/Unknown
Eval Date: 09-22-1995
Violations Found: No
Eval Type: Miscellaneous Inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Other/Unknown
Eval Date: 11-06-1998
Violations Found: No
Eval Type: Miscellaneous Inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Enforcement Action:
Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 04-28-1994
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Enf Action Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 07-28-1994
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 08-28-1997
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 11-15-1994
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 12-14-1993
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 12-22-1998
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: PAUL NELSON - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 Skylane Blvd, Suite A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762686

Name: SHELL SERVICE STATION, DUTTON AVENUE
Address: 255 DUTTON
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 67213
CERS ID: 256708
CERS Description: Tanks & Ground Water Clean Up

Violations:
Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Violation Date: 11-15-1997
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT THIRD QUARTER MONITORING REPORT WITHIN 30 DAYS OF DUE DATE.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Violation Date: 04-26-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: SEPARATE PHASE HYDROCARBONS FLOATING ON GROUND WATER.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Violation Date: 02-23-1998
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT MONITORING REPORT (4TH QUARTER) WITHIN 30 AYS OF

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

1/15 DUE DATE.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Violation Date: 05-10-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT MONTHLY STATUS REPORT REQUIRED BY C&A 94-67.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Violation Date: 07-25-1997
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT SECOND QUARTER MONITORING REPORT.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Evaluation:
Eval General Type: Compliance Followup Inspection
Eval Date: 03-17-1995
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Compliance Followup Inspection
Eval Date: 03-21-1995
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Compliance Followup Inspection
Eval Date: 03-23-1995
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Other/Unknown
Eval Date: 09-22-1995
Violations Found: No
Eval Type: Miscellaneous Inspection

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Eval General Type: Other/Unknown
Eval Date: 11-06-1998
Violations Found: No
Eval Type: Miscellaneous Inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

Enforcement Action:
Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 04-28-1994
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 07-28-1994
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 08-28-1997
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 11-15-1994
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 12-14-1993
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Site ID: 67213
Site Name: Shell Service Station, Dutton Avenue
Site Address: 255 DUTTON
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 12-22-1998
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UST
Enf Action Source: CIWQS

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: PAUL NELSON - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 Skylane Blvd, Suite A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762686

Name: SHELL SERVICE STATION - DUTTON AVE
Address: 255 DUTTON AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 231113
CERS ID: SL0002014200
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker

SHELL SERVICE STATION, DUTTON AVENUE (Continued) **S101304919**

Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

N132 **WESTSIDE PLAZA DRY CLEANERS** **CPS-SLIC S121308075**
NE **320 W 3RD ST, SUITE H** **CERS N/A**
1/4-1/2 **SANTA ROSA, CA 95401**
0.262 mi.
1384 ft. **Site 2 of 2 in cluster N**

Relative:
Higher

Actual:
147 ft.

CPS-SLIC:

Name:	WESTSIDE PLAZA DRY CLEANERS
Address:	320 W 3RD ST, SUITE H
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	09/25/2017
Global Id:	T10000010979
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.43352
Longitude:	-122.72732
Case Type:	Cleanup Program Site
Case Worker:	JSD
Local Agency:	Not reported
RB Case Number:	1NSR464
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Aquifer used for drinking water supply, Indoor Air, Soil, Soil Vapor, Under Investigation
Potential Contaminants of Concern:	Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History:	Tetrachloroethene was used as a dry cleaning solvent at the site from 1995 to 2002. A hydrocarbon machine was used from 2002 to 2017 The Site is currently operated as a drop off and pick up location for dry cleaning services.

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

CERS:

Name:	WESTSIDE PLAZA DRY CLEANERS
Address:	320 W 3RD ST, SUITE H
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	426932
CERS ID:	T10000010979
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JULIE DUONG - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 Skylane Blvd, Suite A
Affiliation City:	SANTA ROSA
Affiliation State:	CA

WESTSIDE PLAZA DRY CLEANERS (Continued) **S121308075**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762703

P133 **HARRIMAN, TOM & JEFF** **LUST** **S100467873**
East **375 SEBASTOPOL** **HIST CORTESE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401** **CERS**
0.267 mi.
1410 ft. **Site 2 of 4 in cluster P**

Relative: **Higher**
Actual: **147 ft.**

LUST:
Name: HARRIMAN, TOM & JEFF
Address: 375 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700599
Global Id: T0609700599
Latitude: 38.431035473939
Longitude: -122.724870387697
Status: Completed - Case Closed
Status Date: 09/01/1995
Case Worker: ZZZ
RB Case Number: 1TSR086
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700599
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700599
Action Type: ENFORCEMENT
Date: 12/01/1992
Action: * Historical Enforcement

Global Id: T0609700599
Action Type: Other
Date: 02/20/1989
Action: Leak Discovery

Global Id: T0609700599
Action Type: Other
Date: 02/20/1989
Action: Leak Stopped

HARRIMAN, TOM & JEFF (Continued) **S100467873**

Global Id: T0609700599
Action Type: Other
Date: 02/20/1989
Action: Leak Reported

LUST:
Global Id: T0609700599
Status: Open - Case Begin Date
Status Date: 02/20/1989

Global Id: T0609700599
Status: Open - Site Assessment
Status Date: 02/20/1989

Global Id: T0609700599
Status: Open - Site Assessment
Status Date: 06/27/1989

Global Id: T0609700599
Status: Open - Site Assessment
Status Date: 07/01/1989

Global Id: T0609700599
Status: Open - Site Assessment
Status Date: 09/28/1990

Global Id: T0609700599
Status: Open - Remediation
Status Date: 08/31/1995

Global Id: T0609700599
Status: Open - Verification Monitoring
Status Date: 08/31/1995

Global Id: T0609700599
Status: Completed - Case Closed
Status Date: 09/01/1995

LUST REG 1:
Region: 1
Facility ID: 1TSR086
Staff Initials: Closed

HIST CORTESE:
edr_fname: HARRIMAN, TOM & JEFF
edr_fadd1: 375 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95401
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR086

CERS:
Name: HARRIMAN, TOM & JEFF

HARRIMAN, TOM & JEFF (Continued) **S100467873**

Address:	375 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	198968
CERS ID:	T0609700599
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

P134 **SEBASTOPOL UNION 76/ 7-11 STORE** **LUST** **S101304986**
East **370 SEBASTOPOL ROAD** **SWRCY** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407** **CERS HAZ WASTE**
0.275 mi. **CERS TANKS**
1451 ft. **Site 3 of 4 in cluster P** **CUPA Listings**
HIST CORTESE
Relative: Higher **CERS**

Actual: 146 ft.

LUST:

Name:	UNOCAL #4320
Address:	370 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95404
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700199
Global Id:	T0609700199
Latitude:	38.4304902
Longitude:	-122.7249155
Status:	Completed - Case Closed
Status Date:	07/23/2015
Case Worker:	ZZZ
RB Case Number:	1TSO264
Local Agency:	SONOMA COUNTY LOP
File Location:	Regional Board
Local Case Number:	00001469
Potential Media Affect:	Aquifer used for drinking water supply, Well used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0609700199
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

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

LUST:

Global Id:	T0609700199
Action Type:	RESPONSE
Date:	04/30/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0609700199
Action Type:	RESPONSE
Date:	04/19/2010
Action:	Well Destruction Workplan
Global Id:	T0609700199
Action Type:	RESPONSE
Date:	03/23/2013
Action:	Well Destruction Report
Global Id:	T0609700199
Action Type:	ENFORCEMENT
Date:	08/17/2001
Action:	Staff Letter
Global Id:	T0609700199
Action Type:	ENFORCEMENT
Date:	06/19/2009
Action:	File review
Global Id:	T0609700199
Action Type:	RESPONSE
Date:	12/22/2014
Action:	Other Report / Document
Global Id:	T0609700199
Action Type:	ENFORCEMENT
Date:	05/16/2000
Action:	Staff Letter
Global Id:	T0609700199
Action Type:	ENFORCEMENT
Date:	11/07/2001
Action:	Staff Letter
Global Id:	T0609700199
Action Type:	ENFORCEMENT
Date:	04/29/2014
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0609700199
Action Type:	Other
Date:	05/10/1989
Action:	Leak Discovery
Global Id:	T0609700199
Action Type:	RESPONSE
Date:	09/01/2010
Action:	Well Destruction Workplan
Global Id:	T0609700199

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Action Type: RESPONSE
Date: 10/18/2010
Action: Well Destruction Report

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 05/25/2005
Action: * Verbal Communication

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 07/01/2004
Action: * No Action

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 05/06/2010
Action: Staff Letter

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 09/08/2010
Action: Staff Letter

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 07/23/2015
Action: Closure/No Further Action Letter

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 10/06/2014
Action: Verbal Communication

Global Id: T0609700199
Action Type: RESPONSE
Date: 07/16/2000
Action: Soil and Water Investigation Workplan

Global Id: T0609700199
Action Type: RESPONSE
Date: 12/28/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700199
Action Type: RESPONSE
Date: 01/15/2002
Action: Soil and Water Investigation Report

Global Id: T0609700199
Action Type: RESPONSE
Date: 11/01/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0609700199
Action Type: RESPONSE
Date: 11/01/2010

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Action: Monitoring Report - Semi-Annually

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 12/28/2005
Action: Staff Letter

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 08/11/2004
Action: Staff Letter

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 02/23/2007
Action: * No Action

Global Id: T0609700199
Action Type: RESPONSE
Date: 12/20/2007
Action: Other Workplan

Global Id: T0609700199
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 02/22/2007
Action: Staff Letter

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 11/14/2007
Action: Staff Letter

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 01/30/2008
Action: 13267 Monitoring Program - #R1-2008-0016

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 04/26/2011
Action: File review

Global Id: T0609700199
Action Type: Other
Date: 05/10/1989
Action: Leak Stopped

Global Id: T0609700199
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Global Id:	T0609700199
Action Type:	RESPONSE
Date:	10/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0609700199
Action Type:	RESPONSE
Date:	04/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0609700199
Action Type:	RESPONSE
Date:	01/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0609700199
Action Type:	RESPONSE
Date:	05/04/2011
Action:	Monitoring Report - Semi-Annually - Regulator Responded
Global Id:	T0609700199
Action Type:	RESPONSE
Date:	01/09/2013
Action:	Other Report / Document - Regulator Responded
Global Id:	T0609700199
Action Type:	RESPONSE
Date:	12/03/2012
Action:	Well Destruction Workplan - Regulator Responded
Global Id:	T0609700199
Action Type:	REMEDIATION
Date:	05/04/1989
Action:	Excavation
Global Id:	T0609700199
Action Type:	REMEDIATION
Date:	03/01/1995
Action:	Excavation
Global Id:	T0609700199
Action Type:	REMEDIATION
Date:	12/01/1990
Action:	Excavation
Global Id:	T0609700199
Action Type:	REMEDIATION
Date:	03/01/1995
Action:	Monitored Natural Attenuation
Global Id:	T0609700199
Action Type:	REMEDIATION
Date:	09/01/1997
Action:	Excavation
Global Id:	T0609700199
Action Type:	ENFORCEMENT

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Date: 01/30/2008
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 03/04/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 04/23/2008
Action: Staff Letter

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 01/11/2012
Action: Staff Letter

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 01/11/2012
Action: Staff Letter

Global Id: T0609700199
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700199
Action Type: RESPONSE
Date: 03/07/2008
Action: Other Report / Document

Global Id: T0609700199
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700199
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700199
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700199
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700199
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Global Id: T0609700199
Action Type: RESPONSE
Date: 02/15/2006
Action: Soil and Water Investigation Report

Global Id: T0609700199
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700199
Action Type: RESPONSE
Date: 10/23/2012
Action: Fact Sheets - Public Participation

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 10/28/2013
Action: Verbal Enforcement

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 10/09/2012
Action: Staff Letter

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 10/09/2012
Action: Notification - Public Notice of Case Closure

Global Id: T0609700199
Action Type: Other
Date: 05/10/1989
Action: Leak Reported

Global Id: T0609700199
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700199
Action Type: RESPONSE
Date: 09/18/2007
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 05/10/1989
Action: * Historical Enforcement

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 09/03/2013
Action: Verbal Enforcement

Global Id: T0609700199
Action Type: ENFORCEMENT

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Date: 01/23/2013
Action: Staff Letter

Global Id: T0609700199
Action Type: RESPONSE
Date: 02/23/2007
Action: Sensitive Receptor Survey Report

Global Id: T0609700199
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700199
Action Type: ENFORCEMENT
Date: 12/20/2012
Action: Staff Letter

Global Id: T0609700199
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0609700199
Action Type: RESPONSE
Date: 10/30/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0609700199
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700199
Action Type: RESPONSE
Date: 04/24/2015
Action: Email Correspondence

LUST:
Global Id: T0609700199
Status: Open - Case Begin Date
Status Date: 05/10/1989

Global Id: T0609700199
Status: Open - Site Assessment
Status Date: 05/22/1989

Global Id: T0609700199
Status: Open - Site Assessment
Status Date: 02/22/1990

Global Id: T0609700199
Status: Open - Site Assessment
Status Date: 03/22/1990

Global Id: T0609700199
Status: Open - Site Assessment

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Status Date: 03/12/1996

Global Id: T0609700199
Status: Open - Site Assessment
Status Date: 02/27/2006

Global Id: T0609700199
Status: Open - Remediation
Status Date: 09/24/2007

Global Id: T0609700199
Status: Open - Verification Monitoring
Status Date: 02/26/2009

Global Id: T0609700199
Status: Open - Remediation
Status Date: 05/26/2010

Global Id: T0609700199
Status: Open - Eligible for Closure
Status Date: 10/15/2012

Global Id: T0609700199
Status: Completed - Case Closed
Status Date: 07/23/2015

LUST REG 1:
Region: 1
Facility ID: 1TSO264
Staff Initials: WTE

SWRCY:
Name: BRAMBILA RECYCLING
Address: 370 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA 95407
Reg Id: 147675
Cert Id: RC147675.001
Mailing Address: 9152 Devon Crest Way
Mailing City: Elk Grove
Mailing State: CA
Mailing Zip Code: 95624
Website: Not reported
Email: Not reported
Phone Number: (916) 643-5313
Rural: N
Operation Begin Date: 11/08/2011
Aluminium: Y
Glass: Y
Plastic: Y
Bimetal: Y
Hours of Operation: Mon - Sat 8:30 am - 4:30 pm, Closed 12:00 pm-12:30 pm; Sun Closed
Organization ID: 54232
Organization Name: Brambila Recycling Company

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

CERS HAZ WASTE:
Name: SEBASTOPOL UNION 76/ 7-11 STORE
Address: 370 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 152329
CERS ID: 10112659
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: SEBASTOPOL UNION 76/ 7-11 STORE
Address: 370 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 152329
CERS ID: 10112659
CERS Description: Underground Storage Tank

CUPA SONOMA:
Name: SEBASTOPOL UNION 76/ 7-11 STORE
Add1: 370 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-000119
Permit: Not reported
Type: UST
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Permit to Operate - 2 tanks
CERS ID: 10112659
Experation Date: 03/24/2019

Name: SEBASTOPOL UNION 76/ 7-11 STORE
Add1: 370 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-000119
Permit: Not reported
Type: Hazardous Waste
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: SQG < 325 gallons/year
CERS ID: 10112659
Experation Date: 03/24/2019

Name: SEBASTOPOL UNION 76/ 7-11 STORE
Add1: 370 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-000119
Permit: Not reported
Type: HMBP
HMBP: Not reported

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Not reported
CERS ID: 10112659
Experation Date: 03/24/2019

HIST CORTESE:
edr_fname: UNOCAL #4320
edr_fadd1: 370 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95404
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO264

CERS:
Name: UNOCAL #4320
Address: 370 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95404
Site ID: 248530
CERS ID: T0609700199
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Name: SEBASTOPOL UNION 76/ 7-11 STORE
Address: 370 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 152329
CERS ID: 10112659
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 152329
Site Name: Sebastopol Union 76/ 7-11 Store
Violation Date: 01-07-2015
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Violation Notes:	Returned to compliance on 02/04/2016.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-05-2017
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 02/01/2017. The financial responsibility expired on January 1, 2017. Complete and submit a copy of the financial responsibility by January 12, 2017.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-07-2016
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 02/05/2016. Submit a new Financial Responsibility in CERS on or before 01/21/16. Submit a new Financial Responsibility in CERS on or before 01/21/16.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-07-2015
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 02/04/2016.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-07-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/04/2016.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	HMRRP
Violation Source:	CERS

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-16-2019
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,?2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October?1,?2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Overfill prevention inspection conducted during annual monitoring certification. 87 overfill prevention (flapper) failed at time of inspection. Please repair/replace and retest.
Violation Division:	Santa Rosa City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-07-2016
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes:	Returned to compliance on 02/05/2016. Submit new inventory to CERS on or before 01/21/16. Submit new inventory to CERS on or before 01/21/16.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-07-2015
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes:	Returned to compliance on 02/04/2016.
Violation Division:	Sonoma County Fire & Emergency Services Department

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Violation Program:	UST
Violation Source:	CERS
Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-05-2017
Citation:	23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description:	Failure to submit the Annual Monitoring System Certification Form to the CUPA within 30 days of completion of the test.
Violation Notes:	Returned to compliance on 03/29/2017. The business did not send the annual monitoring certification to the CUPA within 30 days. Submit copy of the annual Monitoring System Certification to the CUPA.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-04-2018
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 01/20/2018. Financial responsibility outdate. Please update in CERS
Violation Division:	Santa Rosa City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-07-2016
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the underground storage tank and/or failure to maintain written monitoring and maintenance records on site, or off site if approved by the CUPA, for a period of 3 years, 6 1/2 years for cathodic protection, and 5 years for written performance claims pertaining to release detection systems and calibration and maintenance records for such systems.
Violation Notes:	Returned to compliance on 01/20/2016. Provide a copy of the Annual Monitoring Cert report to Sonoma County Fire on or before 2/8/16. Provide a copy of the Annual Monitoring Cert report to Sonoma County Fire on or before 2/8/16.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-04-2018
Citation:	23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description:	Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

	certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2).
Violation Notes:	Returned to compliance on 01/04/2018. Liquid found in 87 fill sump. Removed at time of inspection. No further action
Violation Division:	Santa Rosa City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	152329
Site Name:	Sebastopol Union 76/ 7-11 Store
Violation Date:	01-07-2015
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description:	Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes:	Returned to compliance on 02/04/2016.
Violation Division:	Sonoma County Fire & Emergency Services Department
Violation Program:	UST
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-04-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-04-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-04-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Santa Rosa City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-05-2017

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during the inspection.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during the inspection.
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: For additional comments please see written inspection report.

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Eval Division: Sonoma County Fire & Emergency Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Rosa City Fire Department
Eval Program: UST
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Stantec Consulting Services Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Cindy Cadacio-Chan
Entity Title: Not reported
Affiliation Address: 587 Ygnacio Valley Road
Affiliation City: Walnut Creek
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94596
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Mohammed N. Ahmadi
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: Mohammed N. Ahmadi
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (925) 979-0560

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Affiliation Address:	587 Ygnacio Valley Road
Affiliation City:	Walnut Creek
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94596
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	GAWFCO Enterprises, Inc
Entity Title:	Not reported
Affiliation Address:	587 Ygnacio Valley Road
Affiliation City:	Walnut Creek
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94596
Affiliation Phone:	(925) 979-0560

Affiliation Type Desc:	Operator
Entity Name:	GAWFCO Enterprises, Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(925) 979-0560

Affiliation Type Desc:	Parent Corporation
Entity Name:	Gawfco Enterprises, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	GAWFCO Enterprises, Inc
Entity Title:	Not reported
Affiliation Address:	587 Ygnacio Valley Road
Affiliation City:	Walnut Creek
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94596
Affiliation Phone:	(925) 979-0560

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	GAWFCO Enterprises, Inc.
Entity Title:	Not reported
Affiliation Address:	587 Ygnacio Valley Road
Affiliation City:	Walnut Creek
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94596
Affiliation Phone:	(925) 979-0560

SEBASTOPOL UNION 76/ 7-11 STORE (Continued) **S101304986**

Affiliation Type Desc:	UST Tank Operator
Entity Name:	Gawfco Enterprises, Inc.
Entity Title:	Not reported
Affiliation Address:	587 Ygnacio Valley Road
Affiliation City:	Walnut Creek
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94596
Affiliation Phone:	(925) 979-0560

Affiliation Type Desc:	CUPA District
Entity Name:	Santa Rosa Fire Dept
Entity Title:	Not reported
Affiliation Address:	2373 Circadian Way
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95407
Affiliation Phone:	(707) 543-3500

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Gawfco Enterprises, Inc.
Entity Title:	Not reported
Affiliation Address:	587 Ygnacio Valley Road
Affiliation City:	Walnut Creek
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94596
Affiliation Phone:	(925) 979-0560

P135
East
1/4-1/2
0.275 mi.
1451 ft.

WESTSIDE UNOCAL **LUST** **S103817528**
370 SEBASTOPOL RD **N/A**
SANTA ROSA, CA

Site 4 of 4 in cluster P

Relative:
Higher

Actual:
146 ft.

SONOMA CO. LUST:

Name:	WESTSIDE UNOCAL
Address:	370 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA
Region:	SONOMA
Regional Board:	1TSO264
Closed or Referred:	Referred
Confirm Date:	05/10/1995
LOP Number:	00001469
Staff:	Not reported
Decode of Staff:	Not reported
Global ID:	T0609700199
APN:	Not reported
Notes:	REFERRED

R136 **C & L MOTORS** **LUST** **S105722586**
WSW **1380 SEBASTOPOL ROAD** **CERS** **N/A**
1/4-1/2 **SANTA ROSA, CA 95404**
0.281 mi.
1486 ft. **Site 1 of 2 in cluster R**

Relative:
Lower

Actual:
133 ft.

LUST:

Name:	C & L MOTORS
Address:	1380 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95404
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609765962
Global Id:	T0609765962
Latitude:	38.428035
Longitude:	-122.73509
Status:	Completed - Case Closed
Status Date:	12/08/2003
Case Worker:	ZZZ
RB Case Number:	1TSO854
Local Agency:	Not reported
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

LUST:

Global Id:	T0609765962
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	craig.hunt@waterboards.ca.gov
Phone Number:	7075762220

LUST:

Global Id:	T0609765962
Action Type:	ENFORCEMENT
Date:	06/11/2003
Action:	* No Action
Global Id:	T0609765962
Action Type:	ENFORCEMENT
Date:	11/06/2003
Action:	Notification - Public Notice of Case Closure
Global Id:	T0609765962
Action Type:	ENFORCEMENT
Date:	12/08/2003
Action:	Closure/No Further Action Letter
Global Id:	T0609765962
Action Type:	ENFORCEMENT
Date:	12/19/2001
Action:	* No Action
Global Id:	T0609765962

C & L MOTORS (Continued) **S105722586**

Action Type: ENFORCEMENT
Date: 07/26/2000
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 04/21/2000
Action: * Verbal Communication

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 07/25/2000
Action: File review

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 07/26/2000
Action: File review

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 07/27/2000
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 08/03/2001
Action: Site Visit / Inspection / Sampling

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 10/10/2000
Action: Referral to Local Agency

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 10/25/2000
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 02/02/2001
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 06/29/2001
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 07/31/2001
Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 08/01/2001

C & L MOTORS (Continued) **S105722586**

Action: Meeting

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 11/15/2001
Action: Meeting

Global Id: T0609765962
Action Type: RESPONSE
Date: 08/01/2003
Action: Soil and Water Investigation Workplan

Global Id: T0609765962
Action Type: RESPONSE
Date: 06/20/2003
Action: Soil and Water Investigation Report

Global Id: T0609765962
Action Type: RESPONSE
Date: 12/19/2001
Action: Other Report / Document

Global Id: T0609765962
Action Type: Other
Date: 08/03/2001
Action: Leak Discovery

Global Id: T0609765962
Action Type: Other
Date: 08/03/2001
Action: Leak Stopped

Global Id: T0609765962
Action Type: ENFORCEMENT
Date: 12/17/2001
Action: * Referral to Regional Board or Another State Agency

Global Id: T0609765962
Action Type: Other
Date: 08/03/2001
Action: Leak Reported

LUST:
Global Id: T0609765962
Status: Open - Case Begin Date
Status Date: 04/21/2000

Global Id: T0609765962
Status: Open - Site Assessment
Status Date: 12/19/2001

Global Id: T0609765962
Status: Open - Site Assessment
Status Date: 06/03/2003

Global Id: T0609765962
Status: Open - Site Assessment

C & L MOTORS (Continued) **S105722586**

Status Date: 06/20/2003

Global Id: T0609765962
Status: Completed - Case Closed
Status Date: 12/08/2003

CERS:
Name: C & L MOTORS
Address: 1380 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95404
Site ID: 235684
CERS ID: T0609765962
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

S137 **SHELL DZ PRODUCTS FACILITY** **Cortese** **S117698620**
ENE **257 DUTTON AVENUE** **NPDES** **N/A**
1/4-1/2 **SANTA ROSA, CA 95403** **CIWQS**
0.293 mi.
1547 ft. **Site 1 of 4 in cluster S**

Relative:
Higher

Actual:
150 ft.

CORTESE:
Name: SHELL DZ PRODUCTS FACILITY
Address: 257 DUTTON AVENUE
City,State,Zip: SANTA ROSA, CA 95403
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: 12/01/1993
Region 2: 1
WID Id: 1B1SO268NSL
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

SHELL DZ PRODUCTS FACILITY (Continued) **S117698620**

Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95403
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	12/01/1993
Region 2:	1
WID Id:	1B1SO268NSL
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95403
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	12/01/1993
Region 2:	1
WID Id:	1B1SO268NSL
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

NPDES:

Name:	DAVE ZEDRICK INC DBA DZ INC
Address:	257 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 95407
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported

SHELL DZ PRODUCTS FACILITY (Continued) **S117698620**

Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	1 49I003865
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	04/03/1992
Operator Name:	Dave Zedrick Inc Dba DZ Inc
Operator Address:	PO Box 407
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95402

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	272145
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 49I003865
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:	04/03/1992
Status:	Terminated
Status Date:	04/03/1992
Place Size:	34546
Place Size Unit:	SqFt
Contact:	Ray Cook
Contact Title:	Not reported
Contact Phone:	707-545-2091
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Dave Zedrick Inc Dba DZ Inc
Operator Address:	PO Box 407
Operator City:	Santa Rosa

SHELL DZ PRODUCTS FACILITY (Continued) **S117698620**

Operator State:	California
Operator Zip:	95402
Operator Contact:	Ray Cook
Operator Contact Title:	Not reported
Operator Contact Phone:	707-545-2091
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	707-545-2091
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Laguna De Sant Rosa
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	5171-Petroleum Bulk Stations and Terminals
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	DAVE ZEDRICK INC DBA DZ INC
Address:	257 DUTTON AVE
City,State,Zip:	SANTA ROSA, CA 95407
Agency:	Dave Zedrick Inc Dba DZ Inc
Agency Address:	PO Box 407, Santa Rosa, CA 95402
Place/Project Type:	Industrial - Petroleum Bulk Stations and Terminals
SIC/NAICS:	5171
Region:	1
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ

SHELL DZ PRODUCTS FACILITY (Continued) **S117698620**

WDID:	1 49I003865
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/03/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

S138 **DZ INC, SHELL BULK PLANT** **EMI** **S100179624**
ENE **257 DUTTON AVENUE** **Notify 65** **N/A**
1/4-1/2 **SANTA ROSA, CA 93582**
0.293 mi.
1547 ft. **Site 2 of 4 in cluster S**

Relative: **Higher**

Actual: **150 ft.**

EMI:

Name:	DAVE ZEDRICK, INC
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 93582
Year:	1987
County Code:	49
Air Basin:	SF
Facility ID:	844
Air District Name:	BA
SIC Code:	5171
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DAVE ZEDRICK, INC
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 93582
Year:	1990
County Code:	49
Air Basin:	SF
Facility ID:	844
Air District Name:	BA
SIC Code:	5171
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

DZ INC, SHELL BULK PLANT (Continued) **S100179624**

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

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

S139 **SHELL OIL WHOLSALE PLANT** **ENVIROSTOR** **S100179421**
ENE **257 DUTTON** **CPS-SLIC** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407** **ENF**
0.293 mi. **HIST CORTESE**
1547 ft. **Site 3 of 4 in cluster S** **Notify 65**
CERS

Relative:
Higher

Actual:
150 ft.

ENVIROSTOR:
Name: SHELL OIL WHOLSALE PLANT
Address: 257 DUTTON
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49510002
Status: Refer: RWQCB
Status Date: 09/27/1993
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: * Rural County Survey Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.43241
Longitude: -122.7250
APN: 125-121-024
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 125-121-024
Alias Type: APN
Alias Name: 49510002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Completed Document Type: * Discovery
Completed Date: 04/20/1988
Comments: FACILITY IDENTIFIED RWQCB - COMPLAINT - 2/11/80 - OIL DISCH TO DRAINAGE

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 POSS ONSITE CONTAM

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

CPS-SLIC:
Name: SHELL, DZ PRODUCTS FACILITY
Address: 257 DUTTON AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 04/27/1992
Global Id: T0609793187
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4325272372511
Longitude: -122.725105708967
Case Type: Cleanup Program Site
Case Worker: PBN
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO268
File Location: Regional Board
Potential Media Affected: Well used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: The Shell-branded service station and former DZ, Inc. petroleum fuel bulk plant, located at 255 and 257 Dutton Avenue, respectively, are sited in a commercial section of southwest Santa Rosa, California. The Shell station has been in operation since the early 1960s. The DZ site is a former Shell bulk plant, originally operated by Shell in the 1960s and sold in 1974 to DZ, Inc. The two adjacent properties are managed as one commingled plume site per a 2003 agreement between the responsible parties, and are currently enrolled in the California Underground Storage Tank Cleanup Fund.

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

ENF:
Name: SHELL DZ PRODUCTS FACILITY
Address: 257 DUTTON AVENUE
City,State,Zip: SANTA ROSA, CA 95407

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Region:	1
Facility Id:	220975
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221833
Region:	1
Order / Resolution Number:	LT940825
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/25/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/25/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	NOTICE OF TERMINATION
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	220975
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221275
Region:	1
Order / Resolution Number:	LT950510
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	05/10/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/10/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	REQUESTING SUBMITTAL OF REQUIRED REPORTS.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	220975
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219431
Region:	1
Order / Resolution Number:	LT970122
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	01/22/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/22/1997
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	REQUESTING NOTIFICATION WHY REPORT NOT RECEIVED & STATUS OF THE SYSTEM.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	220975
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	240466
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	03/25/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	03/25/2002

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	SUBMITTAL OF THE GROUNDWATER LEVELS FOR JANUARY 15, 2002 IS THREE WEEKS LATE.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	220975
Agency Name:	DZ Inc., Former Bulk Plant
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	1B1SO268NSL

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Reg Measure Id:	154691
Reg Measure Type:	Unregulated
Region:	1
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	01/03/2014
Effective Date:	12/01/1993
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	225700
Region:	1
Order / Resolution Number:	97-059
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	06/24/1997
Adoption/Issuance Date:	06/24/1997
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	13304. CLEANUP & ABATE DISCH & THREATENED DISCH OF PETROLEUM PRODUCTS & ASSOC CHEMICAL WASTES.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	220975
Agency Name:	DZ Inc., Former Bulk Plant

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	1B1SO268NSL
Reg Measure Id:	154691
Reg Measure Type:	Unregulated
Region:	1
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	01/03/2014
Effective Date:	12/01/1993
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	221371
Region:	1
Order / Resolution Number:	95-013
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	02/06/1995
Adoption/Issuance Date:	02/06/1995
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	GW POLLUTION HAS ADVERSELY AFFECTED BENEFICIAL USES. CAO ENSURES TIMELY REMEDIATION WITH STEPS.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	220975
Agency Name:	DZ Inc., Former Bulk Plant
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	1B1SO268NSL
Reg Measure Id:	154691
Reg Measure Type:	Unregulated
Region:	1
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	01/03/2014
Effective Date:	12/01/1993
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	220508
Region:	1
Order / Resolution Number:	93-12301
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	12/14/1993
Adoption/Issuance Date:	12/14/1993
Achieve Date:	Not reported
Termination Date:	04/29/1994
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	EXTENSIVE GROUNDWATER CONTAMINATION. CAO DIRECTS DISCHARGER TO DEVELOP A WORKPLAN FOR INVESTIGATION.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	220975
Agency Name:	DZ Inc., Former Bulk Plant
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	1B1SO268NSL
Reg Measure Id:	154691
Reg Measure Type:	Unregulated
Region:	1
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Status Date:	01/03/2014
Effective Date:	12/01/1993
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	219547
Region:	1
Order / Resolution Number:	94-068
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	04/29/1994
Adoption/Issuance Date:	04/29/1994
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	CAO REVISES 93-123. CAO REQUESTS A WORKPLAN FOR FURTHER INVESTIGATION OF VERTICAL & HORIZONTAL EXTEN
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	220975
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	225382
Region:	1
Order / Resolution Number:	LT980305
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	03/05/1998
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	03/05/1998
ACL Issuance Date:	Not reported

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	REQUESTING ACKNOWLEDGMENT OF INTENT TO RECOVER COSTS FOR OVERSIGHT.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	220975
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	225766
Region:	1
Order / Resolution Number:	LT970320
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	03/20/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	03/20/1997
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	13304. REQUESTING ACKNOWLEDGEMENT OF INTENT TO RECOVER COSTS.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	220975
Agency Name:	Not reported
Place Type:	Service/Commercial

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	225708
Region:	1
Order / Resolution Number:	LT970611
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/11/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/11/1997
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	REQUESTING ACKNOWLEDGMENT OF INTENT TO RECOVER COSTS FOR OVERSIGHT.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	SHELL DZ PRODUCTS FACILITY
Address:	257 DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	220975
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43254
Place Longitude:	-122.72504
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	225688
Region:	1
Order / Resolution Number:	LT970828
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/28/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/28/1997
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SO268NSL Shell DZ Products Facility
Description:	REQUESTING SUBMITTAL OF EXPLANATION FOR DISCREPANCIES.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0

SHELL OIL WHOLSALE PLANT (Continued) **S100179421**

Project $ Completed: 0
Total $ Paid/Completed Amount: 0

HIST CORTESE:
edr_fname: DZ PRODUCTS FACILITY
edr_fadd1: 257 DUTTON
City,State,Zip: SANTA ROSA, CA
Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B1SO268NSL

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

CERS:
Name: SHELL, DZ PRODUCTS FACILITY
Address: 257 DUTTON AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 188070
CERS ID: T0609793187
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: PAUL NELSON - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 Skylane Blvd, Suite A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762686

T140 **EXCHANGE BANK & DATA CTR.** **LUST** **S106247495**
East **330 SEBASTOPOL RD** **N/A**
1/4-1/2 **SANTA ROSA, CA**
0.297 mi.
1566 ft. **Site 1 of 4 in cluster T**

Relative:
Higher

Actual:
148 ft.

SONOMA CO. LUST:
Name: EXCHANGE BANK & DATA CTR.
Address: 330 SEBASTOPOL RD
City,State,Zip: SANTA ROSA, CA
Region: SONOMA
Regional Board: 1TSO089
Closed or Referred: Referred
Confirm Date: 05/10/1995
LOP Number: 00012142
Staff: Not reported

EXCHANGE BANK & DATA CTR. (Continued) **S106247495**

Decode of Staff: Not reported
Global ID: T0609700062
APN: Not reported
Notes: REFERRED

T141 **EXCHANGE BANK** **LUST** **S104163185**
East **330 SEBASTOPOL** **HIST CORTESE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401** **CERS**
0.297 mi.
1566 ft. **Site 2 of 4 in cluster T**

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

LUST:
Name: EXCHANGE BANK
Address: 330 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700062
Global Id: T0609700062
Latitude: 38.4305732
Longitude: -122.7245855
Status: Completed - Case Closed
Status Date: 07/29/2009
Case Worker: ZZZ
RB Case Number: 1TSO089
Local Agency: SONOMA COUNTY LOP
File Location: Regional Board
Local Case Number: 00012142
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Two former USTs removed. Documented petroleum contamination. Not a source of MTBE. Located within the McMinn Superfund Site. Extent of contamination is defined. Remedial activities have been implemented. At time of closure localized, low level gasoline contamination predicted to reach water quality objectives in a resaonable time frame.

LUST:
Global Id: T0609700062
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 02/26/2009
Action: Notification - Public Notice of Case Closure

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 07/29/2009
Action: Closure/No Further Action Letter

EXCHANGE BANK (Continued) **S104163185**

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 06/04/2009
Action: Rescission of Enforcement Action

Global Id: T0609700062
Action Type: RESPONSE
Date: 03/05/2009
Action: Public Participation Plan

Global Id: T0609700062
Action Type: RESPONSE
Date: 07/20/2009
Action: Well Destruction Report

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 10/21/2002
Action: Staff Letter

Global Id: T0609700062
Action Type: RESPONSE
Date: 08/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 08/15/2002
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0609700062
Action Type: RESPONSE
Date: 03/04/2003
Action: NPDES / WDR Reports

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 07/10/2003
Action: Staff Letter

Global Id: T0609700062
Action Type: Other
Date: 08/24/1987
Action: Leak Discovery

Global Id: T0609700062
Action Type: RESPONSE
Date: 11/13/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE

EXCHANGE BANK (Continued) **S104163185**

Date: 11/21/2002
Action: Unknown

Global Id: T0609700062
Action Type: RESPONSE
Date: 02/23/2001
Action: CAP/RAP - Other Report

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 05/16/2005
Action: * Verbal Communication

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 03/25/2004
Action: Waste Discharge Requirements

Global Id: T0609700062
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 01/24/2006
Action: Staff Letter

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 06/15/2005
Action: Staff Letter

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 03/22/2004
Action: Staff Letter

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 03/24/2004
Action: 13267 Monitoring Program

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 07/12/2006
Action: 13267 Monitoring Program

Global Id: T0609700062
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

EXCHANGE BANK (Continued) **S104163185**

Global Id: T0609700062
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 08/04/2007
Action: Verbal Communication

Global Id: T0609700062
Action Type: Other
Date: 08/24/1987
Action: Leak Stopped

Global Id: T0609700062
Action Type: REMEDIATION
Date: 10/13/2000
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700062
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 11/01/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 04/17/2003
Action: Staff Letter

Global Id: T0609700062
Action Type: ENFORCEMENT

EXCHANGE BANK (Continued) **S104163185**

Date: 02/23/2000
Action: * Historical Enforcement

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 11/04/2002
Action: Staff Letter

Global Id: T0609700062
Action Type: Other
Date: 08/24/1987
Action: Leak Reported

Global Id: T0609700062
Action Type: RESPONSE
Date: 02/01/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 07/29/2008
Action: Verbal Enforcement

Global Id: T0609700062
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700062
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

EXCHANGE BANK (Continued) **S104163185**

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 09/17/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 09/02/2008
Action: File review

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 04/07/2009
Action: Notice of Public Hearing / Board Action

Global Id: T0609700062
Action Type: ENFORCEMENT
Date: 04/07/2009
Action: Staff Letter

Global Id: T0609700062
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0609700062
Status: Open - Case Begin Date
Status Date: 08/24/1987

Global Id: T0609700062
Status: Open - Site Assessment
Status Date: 09/02/1987

Global Id: T0609700062
Status: Open - Remediation
Status Date: 06/04/1999

Global Id: T0609700062
Status: Open - Verification Monitoring
Status Date: 07/06/2004

Global Id: T0609700062
Status: Completed - Case Closed
Status Date: 07/29/2009

LUST REG 1:
Region: 1
Facility ID: 1TSO089
Staff Initials: WTE

HIST CORTESE:
edr_fname: EXCHANGE BANK
edr_fadd1: 330 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95401

EXCHANGE BANK (Continued) **S104163185**

Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO089

CERS:
Name: EXCHANGE BANK
Address: 330 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 204585
CERS ID: T0609700062
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

T142 **EXCHANGE BANK DATA CENTER** **Notify 65** **U000067321**
East **330 SEBASTOPAL** **N/A**
1/4-1/2 **SANTA ROSA, CA 93582**
0.297 mi.
1566 ft. **Site 3 of 4 in cluster T**

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

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

T143 **ELSIE JACKSON TRUST PROPERTY** **US BROWNFIELDS** **1024456326**
East **250 SEBASTOPOL ROAD** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407**
0.326 mi.
1721 ft. **Site 4 of 4 in cluster T**

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

US BROWNFIELDS:
Name: ELSIE JACKSON TRUST PROPERTY
Address: 250 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Recipient Name: Sonoma County Community Development Commission
Grant Type: Assessment
Property Number: 125-122-010
Parcel size: .18
Latitude: 38.4311124
Longitude: -122.72408589999998

ELSIE JACKSON TRUST PROPERTY (Continued) **1024456326**

HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238110
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Elsie V. Jackson Trust
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported

ELSIE JACKSON TRUST PROPERTY (Continued) **1024456326**

Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.18
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported

ELSIE JACKSON TRUST PROPERTY (Continued) **1024456326**

Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The site is shown as containing a house and two sheds on Sanborn fire insurance maps dated 1908 and 1950. The building is identified as a restaurant on the Sanborn map dated 1969. A garage was constructed by 1963 but demolished by 2000. By 2005, a large addition or garage had been added to the north side of the building and the lot appears to have been paved. Environmental concerns include: (1) possible contamination associated with an auto salvage yard directly adjacent to the north edge of the property; and (2) asbestos and other hazardous building materials present in the buildings, one of which may date to before 1908.
Below Poverty Number:	1337
Below Poverty Percent:	23.5%
Meidan Income:	4509
Meidan Income Number:	2801
Meidan Income Percent:	49.2%
Vacant Housing Number:	195
Vacant Housing Percent:	10.8%
Unemployed Number:	497
Unemployed Percent:	8.7%

R144 **WITHERS CAR WASH** **LUST** **S102441332**
WSW **1450 SEBASTOPOL** **HIST CORTESE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95404** **CERS**
0.328 mi.
1734 ft. **Site 2 of 2 in cluster R**

Relative: **Lower**
Actual: **133 ft.**

LUST:

Name:	WITHERS CAR WASH
Address:	1450 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700063
Global Id:	T0609700063
Latitude:	38.42761
Longitude:	-122.735889
Status:	Completed - Case Closed
Status Date:	09/19/1989
Case Worker:	ZZZ
RB Case Number:	1TSO090
Local Agency:	SONOMA COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0609700063
Contact Type:	Local Agency Caseworker
Contact Name:	ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name:	SONOMA COUNTY
Address:	625 5th Street

WITHERS CAR WASH (Continued) **S102441332**

City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700063
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700063
Action Type: ENFORCEMENT
Date: 05/18/1989
Action: * Historical Enforcement

Global Id: T0609700063
Action Type: Other
Date: 09/02/1987
Action: Leak Discovery

Global Id: T0609700063
Action Type: Other
Date: 09/02/1987
Action: Leak Stopped

Global Id: T0609700063
Action Type: Other
Date: 09/02/1987
Action: Leak Reported

LUST:
Global Id: T0609700063
Status: Open - Case Begin Date
Status Date: 09/02/1987

Global Id: T0609700063
Status: Open - Site Assessment
Status Date: 09/02/1987

Global Id: T0609700063
Status: Open - Site Assessment
Status Date: 11/14/1988

Global Id: T0609700063
Status: Open - Site Assessment
Status Date: 12/04/1988

Global Id: T0609700063
Status: Open - Remediation
Status Date: 09/18/1989

Global Id: T0609700063

WITHERS CAR WASH (Continued) **S102441332**

Status: Open - Site Assessment
Status Date: 09/18/1989

Global Id: T0609700063
Status: Open - Verification Monitoring
Status Date: 09/18/1989

Global Id: T0609700063
Status: Completed - Case Closed
Status Date: 09/19/1989

LUST REG 1:
Region: 1
Facility ID: 1TSO090
Staff Initials: Closed

HIST CORTESE:
edr_fname: WITHERS CAR WASH
edr_fadd1: 1450 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95404
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO090

CERS:
Name: WITHERS CAR WASH
Address: 1450 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 257031
CERS ID: T0609700063
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

S145 **MCGOWEN AUTO WRECKING (FORMER)** **CPS-SLIC** **S101669428**
ENE **112 HOLBROOK** **CERS** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401**
0.331 mi.
1750 ft. **Site 4 of 4 in cluster S**

Relative:
Higher

Actual:
151 ft.

CPS-SLIC:

Name:	MCGOWEN AUTO WRECKING (FORMER)
Address:	112 HOLBROOK
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	05/15/2015
Global Id:	T0609793372
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.432711
Longitude:	-122.722881
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	SANTA ROSA, CITY OF
RB Case Number:	1NSR299
File Location:	Regional Board
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Nickel, Diesel, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	This is a former auto wrecking site which reportedly operated between the 1960s and 1990s, and included operation of a car crusher. A portion of the site is occupied by several residences.Most of the property is now covered in concrete.

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

SLIC REG 1:

Region:	1
Facility ID:	1NSR299
Staff Initials:	WTE

CERS:

Name:	MCGOWEN AUTO WRECKING (FORMER)
Address:	112 HOLBROOK
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	189301
CERS ID:	T0609793372
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title:	Not reported
Affiliation Address:	625 5th Street
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075433500

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported

MCGOWEN AUTO WRECKING (FORMER) (Continued) **S101669428**

Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762030

U146 **217 SEBASTOPOL ROAD PROPERTY** **US BROWNFIELDS** **1024456111**
East **217 SEBASTOPOL ROAD** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407**
0.336 mi.
1773 ft. **Site 1 of 6 in cluster U**

Relative: **Higher**
Actual: **150 ft.**

US BROWNFIELDS:

Name:	217 SEBASTOPOL ROAD PROPERTY
Address:	217 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Recipient Name:	Sonoma County Community Development Commission
Grant Type:	Assessment
Property Number:	125-122-009
Parcel size:	.18
Latitude:	38.43122899999999
Longitude:	-122.72389399999997
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238109
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Joan T Peterson
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U

217 SEBASTOPOL ROAD PROPERTY (Continued) **1024456111**

IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	.18
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported

217 SEBASTOPOL ROAD PROPERTY (Continued) **1024456111**

Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The site is shown as containing a house and two sheds on Sanborn fire insurance maps dated 1908, 1950, and 1969. A garage is shown on aerial photos dated 1942, 1963, 1977. All of the buildings were demolished prior to 2000 at which time the parcel was vacant. It appears to have been paved by 2005. Environmental concerns include possible contamination associated with an auto salvage yard directly adjacent to the north edge of the property.
Below Poverty Number:	1270
Below Poverty Percent:	23.7%
Meidan Income:	3319
Meidan Income Number:	2707
Meidan Income Percent:	50.5%
Vacant Housing Number:	191
Vacant Housing Percent:	11.1%
Unemployed Number:	472
Unemployed Percent:	8.8%

U147 **ACME AUTO DISMANTLERS (MAIN PARCEL)** **US BROWNFIELDS** **1024456204**
ENE **305 SEBASTOPOL ROAD** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407**
0.340 mi.
1795 ft. **Site 2 of 6 in cluster U**

Relative: US BROWNFIELDS:
Higher

Name:	ACME AUTO DISMANTLERS (MAIN PARCEL)
Address:	305 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Recipient Name:	Sonoma County Community Development Commission
Grant Type:	Assessment
Property Number:	125-121-015

Actual:
151 ft.

ACME AUTO DISMANTLERS (MAIN PARCEL) (Continued) **1024456204**

Parcel size:	.79
Latitude:	38.4315578
Longitude:	-122.72429169999998
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238111
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Larry Steckler and Martin Jackson
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported

ACME AUTO DISMANTLERS (MAIN PARCEL) (Continued) **1024456204**

Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.79
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported

ACME AUTO DISMANTLERS (MAIN PARCEL) (Continued) **1024456204**

Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The property is part of a 3-parcel site reportedly acquired by the current owners in 1984. The previous owners were Michael J. and Jacqueline K. Marquis. The site has been used as an auto wrecking and salvage yard since at least 1954. Prior to 1950, the site was reportedly a vacant lot with private residences to the south bordering Sebastopol Road. Previous businesses (1960-1981) reportedly operating at the site include Santa Rose Auto Wrecking and Redwood Battery Service.
Below Poverty Number:	1244
Below Poverty Percent:	24.1%
Meidan Income:	3275
Meidan Income Number:	2610
Meidan Income Percent:	50.5%
Vacant Housing Number:	178
Vacant Housing Percent:	10.8%
Unemployed Number:	466
Unemployed Percent:	9.0%

V148 **CHEVRON #9-4377** **LUST** **S101309861**
NE **3RD STREET, WEST 214** **N/A**
1/4-1/2 **SANTA ROSA, CA**
0.344 mi.
1818 ft. **Site 1 of 2 in cluster V**

Relative: **Higher**
Actual: **150 ft.**

LUST REG 1:

Region:	1
Facility ID:	1TSO376
Staff Initials:	HAZ

U149 **DUTTON RADIATOR (WEST PARCEL)** **US BROWNFIELDS** **1024456317**
East **207 SEBASTOPOL ROAD** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407**
0.345 mi.
1822 ft. **Site 3 of 6 in cluster U**

Relative: **Higher**
Actual: **150 ft.**

US BROWNFIELDS:

Name:	DUTTON RADIATOR (WEST PARCEL)
Address:	207 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Recipient Name:	Sonoma County Community Development Commission
Grant Type:	Assessment
Property Number:	125-122-003
Parcel size:	.18
Latitude:	38.431264
Longitude:	-122.72373900000002
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported

DUTTON RADIATOR (WEST PARCEL) (Continued) **1024456317**

Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238108
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Randall Cargill
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported

DUTTON RADIATOR (WEST PARCEL) (Continued) **1024456317**

Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.18
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported

DUTTON RADIATOR (WEST PARCEL) (Continued) **1024456317**

Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The site was occupied by a private residence and garage in 1963 (the date of the earliest aerial photo reviewed in preparing the eligibility determination request form). Sometime between 1977 and 2000, the house was demolished and replaced with a vacant lot. The property was purchased by the current owner in 1984 at the same time as purchase of the adjoining property and building at 181 Sebastopol Road. By 2011, a car and camper appear to be stored on the property. It is currently used for storage of vehicles and miscellaneous items by the current business (Dutton Radiator)
Below Poverty Number:	1266
Below Poverty Percent:	23.7%
Meidan Income:	3914
Meidan Income Number:	2704
Meidan Income Percent:	50.7%
Vacant Housing Number:	190
Vacant Housing Percent:	11.1%
Unemployed Number:	465
Unemployed Percent:	8.7%

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150 SE 1/4-1/2 0.345 mi. 1822 ft.

INDUSTRIAL MACHINE & ENGINE RP
928 DUTTON AVENUE, NORTH
SANTA ROSA, CA 95401

CPS-SLIC S101316050
CERS N/A

Relative: Lower

Actual: 139 ft.

CPS-SLIC:

Name:	INDUSTRIAL MACHINE & ENGINE RP
Address:	928 DUTTON AVENUE, NORTH
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	03/05/2009
Global Id:	T0609793214
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4420731702911
Longitude:	-122.728627380981
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	SANTA ROSA, CITY OF
RB Case Number:	1NSR146
File Location:	Regional Board
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Santa Rosa Fire Department (SRFD) inspectors observed oil staining on the ground during site inspections, and issued Hazardous Waste Illegal Discharge Reports in 1987 and 1990. for surface discharges of dumped waste oil. SRFD requested excavation of contaminated soils, soil sampling, secondary containment, and removal of engines leaking oil on the ground. A Regional Water Board inspection memo in 1991 states that oil stained soil had been excavated and placed on plastic on the property. A 1992 laboratory report in the file record indicates that a soil sample was analyzed and contained 120 ppm motor oil. However, the source or location of the analyzed soil sample is not given. There is no water quality data for this property in the Regional Water Board file record.

INDUSTRIAL MACHINE & ENGINE RP (Continued) **S101316050**

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

SLIC REG 1:
Region: 1
Facility ID: 1NSR146
Staff Initials: WTE

CERS:
Name: INDUSTRIAL MACHINE & ENGINE RP
Address: 928 DUTTON AVENUE, NORTH
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 255450
CERS ID: T0609793214
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075433500

Affiliation Type Desc: Regional Board Caseworker
Entity Name: TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762030

151
ENE
1/4-1/2
0.352 mi.
1857 ft.

MC GOWEN AUTO WRECKERS **ENVIROSTOR** **S100183344**
116 HOLBROOK STREET **N/A**
SANTA ROSA, CA 95401

Relative:
Higher

Actual:
151 ft.

ENVIROSTOR:
Name: MC GOWEN AUTO WRECKERS
Address: 116 HOLBROOK STREET
City,State,Zip: SANTA ROSA, CA 95401
Facility ID: 49500015
Status: Refer: RWQCB
Status Date: 10/08/1993
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED

MC GOWEN AUTO WRECKERS (Continued) **S100183344**

Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	10
Senate:	02
Special Program:	* Rural County Survey Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.43274
Longitude:	-122.7239
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	49500015
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	04/07/1988
Comments:	FACILITY IDENTIFIED PHONE DIR 1987

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	04/22/1988
Comments:	SITE SCREENING DONE AUTO DISMANTLER

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

U152 **DUTTON RADIATOR PROPERTY (EAST PARCEL)** **US BROWNFIELDS** **1016426799**
East **181 SEBASTOPOL ROAD** **FINDS** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407**
0.357 mi.
1886 ft. **Site 4 of 6 in cluster U**

Relative: **Higher**
Actual: **150 ft.**

US BROWNFIELDS:

Name:	DUTTON RADIATOR PROPERTY (EAST PARCEL)
Address:	181 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Recipient Name:	Sonoma County Community Development Commission
Grant Type:	Assessment
Property Number:	125-122-003
Parcel size:	.28
Latitude:	38.4313256

DUTTON RADIATOR PROPERTY (EAST PARCEL) (Continued) **1016426799**

Longitude:	-122.72356379999997
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238107
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Randall Cargill
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported

DUTTON RADIATOR PROPERTY (EAST PARCEL) (Continued) **1016426799**

Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.28
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported

DUTTON RADIATOR PROPERTY (EAST PARCEL) (Continued) **1016426799**

Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The site appears to be a vacant lot in 1963 (the date of the earliest aerial photo reviewed in preparing the ED). The south portion of the current building was reportedly constructed in 1968, and used as a auto repair shop through 1984 when the current owner acquired the property. The property has bee used as a radiator repair shop from 1984 to present. An addition to the north end of the building appears to have been constructed between 1977 and 2000.
Below Poverty Number:	1255
Below Poverty Percent:	24.5%
Meidan Income:	3892
Meidan Income Number:	2615
Meidan Income Percent:	51.0%
Vacant Housing Number:	178
Vacant Housing Percent:	10.9%
Unemployed Number:	463
Unemployed Percent:	9.0%

FINDS:

Registry ID: 110055764329

Environmental Interest/Information System
STATE MASTER

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

W153 **MCMINN AVENUE** **CA BOND EXP. PLAN** **S100833365**
WSW **ROSELAND AREA** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401**
0.363 mi.
1917 ft. **Site 1 of 3 in cluster W**

Relative: **Lower**
Actual: **131 ft.**

CA BOND EXP. PLAN:

Reponsible Party:	DETAILED SITE EXPENDITURE PLAN
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	Currently there are no identified responsible parties. Therefore, Bond funds will be used to investigate and remediate the site. If during the investigation RPs are identified, DHS will pursue appropriate cost recovery activities. This site is currently not on the NPL, nor does it appear to be a likely candidate for NPL listing in the near future. Therefore, it is unlikely that federal funds will become available for this site.
Site Description:	Ground water contamination in privately-owned wells has been discovered. The area where investigation activities have been focused is designated as the Local Study Area and is defined as the are within a 2000-foot radius of the intersection of McMinn Avenue and Sebastopol Road. More than 50 potential sources of contamination have been indentified, although responsible parties have not yet been identified.

MCMINN AVENUE (Continued) **S100833365**

Hazardous Waste Desc: Initial sampling and analysis of water from private wells, conducted by the Sonoma County Public Health Department and Regional Water Quality Control Board, indicated ground water contaminated by fuels and associated compounds and solvents. Seven ofthirty eight private wells, which were sampled by DHS in the fall of 1986, were found to have concentrations of contaminants at or exceeding State drinking water action levels. Contaminants which were found to exceed State action levels include benzene, 1,2-dichloroethane (DCE), tetrachlorothene (TCE) and vinyl chloride. Fuels have been found floating in monitoring wells.ne, 1,2-dichloroethane (DCE), tetrachlorothene (TCE) and vinyl chloride. Fuels have been found floating in monitoring wells.

Threat To Public Health & Env: The primary threat is from consumption of contaminated well water. Migration of ground water contaminants may result in the contamination of additional wells.

Site Activity Status: The preliminary site assessment and investigation (PSAI) has been completed and the final report was issued in July, 1987. Soil gas sampling was conducted in August, 1987. Implementation of the first Phase of the RI started June, 1988. The work to be completed in this Phase includes drilling, installation and sampling of ground water monitoring wells, drilling stratigraphic boreholes and aquifer testing. Data generated will be used to identify sources of contamination and potential RPs and to determine the direction of future work. The RWQCB has completed underground tank investigations at several locations in the study area.

W154 **WESCOTTS AUTO & TRUCK** **ENVIROSTOR** **S101482592**
WSW **1569 SEBASTOPOL RD** **CPS-SLIC** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407** **CUPA Listings**
0.375 mi. **NPDES**
1980 ft. **Site 2 of 3 in cluster W** **WDS**
CIWQS
Relative: Lower **CERS**

Actual: 132 ft.

ENVIROSTOR:

Name:	WESCOTTS AUTO & TRUCK
Address:	1569 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49500010
Status:	Refer: RWQCB
Status Date:	09/27/1993
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	10
Senate:	02
Special Program:	* Rural County Survey Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.42910
Longitude:	-122.7370
APN:	125-081-032
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED

WESCOTTS AUTO & TRUCK (Continued) **S101482592**

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 125-081-032
Alias Type: APN
Alias Name: 49500010
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/06/1988
Comments: FACILITY IDENTIFIED PHONE DIR 1987

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/22/1988
Comments: SITE SCREENING DONE SIC CODE

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

CPS-SLIC:
Name: WESCOTT'S BOB AUTO & TRUCK PRT
Address: 1569 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 02/26/2009
Global Id: T0609793338
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.428281848401
Longitude: -122.736907542328
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR285
File Location: Regional Board
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

Name: WESCOTT AUTO AND TRUCK PARTS
Address: 1569 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Region: STATE

WESCOTTS AUTO & TRUCK (Continued) **S101482592**

Facility Status:	**Completed - Case Closed**
Status Date:	06/13/2017
Global Id:	T10000008931
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.42922
Longitude:	-122.73684
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	1NSO944
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Lead, MTBE / TBA / Other Fuel Oxygenates, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

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

CUPA SONOMA:

Name:	BOB WESCOTT'S AUTO & TRUCK PARTS, INC.
Add1:	1569 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000567
Permit:	Not reported
Type:	Hazardous Waste
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Waste Oil Only > 5 tons/year
CERS ID:	10101541
Experation Date:	04/18/2015

Name:	BOB WESCOTT'S AUTO & TRUCK PARTS, INC.
Add1:	1569 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-000567
Permit:	Not reported
Type:	HMBP
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Range 2
CERS ID:	10101541
Experation Date:	04/18/2015

NPDES:

Name:	BOB WESCOTTS AUTO & TRUCK
Address:	1569 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407

WESCOTTS AUTO & TRUCK (Continued) **S101482592**

Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	1 49I000306
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	12/22/2015
Operator Name:	Bob Wescotts
Operator Address:	1569 Sebastopol Rd
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95407

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	178788
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 49I000306
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:	12/22/2015
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	03/06/1992
Status:	Terminated
Status Date:	12/22/2015
Place Size:	2
Place Size Unit:	Acres
Contact:	BOB Wescott
Contact Title:	Not reported
Contact Phone:	707-542-0311
Contact Phone Ext:	Not reported
Contact Email:	Not reported

WESCOTTS AUTO & TRUCK (Continued) **S101482592**

Operator Name:	Bob Wescotts
Operator Address:	1569 Sebastopol Rd
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95407
Operator Contact:	BOB Wescott
Operator Contact Title:	Not reported
Operator Contact Phone:	707-542-0311
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	707-542-0311
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Laguna De Santa Rosa
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	5015-Motor Vehicle Parts, Used
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	1
Regulatory Measure ID:	178788
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 49I000306
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported

WESCOTTS AUTO & TRUCK (Continued) **S101482592**

Effective Date Of Regulatory Measure:	03/06/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	12/22/2015
Discharge Name:	Bob Wescotts
Discharge Address:	1569 Sebastopol Rd
Discharge City:	Santa Rosa
Discharge State:	California
Discharge Zip:	95407
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
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:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	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

WESCOTTS AUTO & TRUCK (Continued) **S101482592**

Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	WESCOTTS AUTO & TRUCK
Address:	1569 SEBASTOPOL RD
City:	SANTA ROSA
Facility ID:	1 49I000306
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:	BOB WESCOTT
Agency Name:	WESCOTTS BOB
Agency Address:	3664 FIR RIDGE DR
Agency City,St,Zip:	SANTA ROSA 95403
Agency Contact:	BOB WESCOTT
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	3714
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 thosewho must comply through best management practices, facilities with passive waste treatment and

WESCOTTS AUTO & TRUCK (Continued) **S101482592**

disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	BOB WESCOTTS AUTO & TRUCK
Address:	1569 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Agency:	Bob Wescotts
Agency Address:	1569 Sebastopol Rd, Santa Rosa, CA 95407
Place/Project Type:	Industrial - Motor Vehicle Parts, Used
SIC/NAICS:	5015
Region:	1
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 49I000306
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/06/1992
Termination Date:	12/22/2015
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	2
Violations within 5 years:	1
Latitude:	38.427783
Longitude:	-122.737197

CERS:

Name:	WESCOTT AUTO AND TRUCK PARTS
Address:	1569 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	370095
CERS ID:	T10000008931
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

W155
WSW
1/4-1/2
0.375 mi.
1980 ft.

WESCOTT'S BOB AUTO & TRUCK PRT — **CPS-SLIC** — **S105051157**
1569 SEBASTOPOL ROAD — **N/A**
SANTA ROSA, CA 95407

Site 3 of 3 in cluster W

Relative:
Lower

Actual:
132 ft.

SLIC REG 1:
Region: 1
Facility ID: 1NSR285
Staff Initials: SKB

V156
NE
1/4-1/2
0.375 mi.
1981 ft.

CITY OF SANTA ROSA PUBLIC WORKS — **ENVIROSTOR** — **S101482548**
130 WEST THIRD STREET — **N/A**
SANTA ROSA, CA 95401

Site 2 of 2 in cluster V

Relative:
Higher

Actual:
151 ft.

ENVIROSTOR:

Name:	CITY OF SANTA ROSA PUBLIC WORKS
Address:	130 WEST THIRD STREET
City,State,Zip:	SANTA ROSA, CA 95401
Facility ID:	49160001
Status:	Refer: Other Agency
Status Date:	06/07/1994
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:	10
Senate:	02
Special Program:	* Rural County Survey Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.43445
Longitude:	-122.7247
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	49160001
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	02/18/1988
Comments:	FACILITY IDENTIFIED SONOMA COUNTY EH LEAK UG TANK
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening

CITY OF SANTA ROSA PUBLIC WORKS (Continued) **S101482548**

Completed Date:	04/21/1988
Comments:	SITE SCREENING DONE POSS ONSITE CONTAM
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

U157 **ACME AUTO DISMANTLERS (SE PARCEL)** **US BROWNFIELDS** **1024456206**
ENE **321 ROBERTS AVENUE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407**
0.375 mi.
1982 ft. **Site 5 of 6 in cluster U**

Relative: **Higher**

Actual: **152 ft.**

US BROWNFIELDS:

Name:	ACME AUTO DISMANTLERS (SE PARCEL)
Address:	321 ROBERTS AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Recipient Name:	Sonoma County Community Development Commission
Grant Type:	Assessment
Property Number:	125-122-005
Parcel size:	.09
Latitude:	38.4317265
Longitude:	-122.72314369999998
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238113
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Larry Steckler and Martin Jackson

ACME AUTO DISMANTLERS (SE PARCEL) (Continued) **1024456206**

Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.09
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported

ACME AUTO DISMANTLERS (SE PARCEL) (Continued) **1024456206**

Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The property is part of a 3-parcel site reportedly acquired by the current owners in 1984. The previous owners were Michael J. and Jacqueline K. Marquis. The site has been used as an auto wrecking and salvage yard since at least 1954. Prior to 1950, the site was reportedly a vacant lot with private residences to the south bordering Sebastopol Road. Previous businesses (1960-1981) reportedly operating at the site include Santa Rose Auto Wrecking and Redwood Battery Service.
Below Poverty Number:	1258
Below Poverty Percent:	24.4%
Meidan Income:	4509
Meidan Income Number:	2630
Meidan Income Percent:	51.1%
Vacant Housing Number:	178
Vacant Housing Percent:	10.8%
Unemployed Number:	463
Unemployed Percent:	9.0%

U158 **KING TIRE AUTO REPAIR AND SMOG SHOP** **US BROWNFIELDS** **1024456459**
East **345 ROBERTS AVENUE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407**
0.376 mi.
1985 ft. **Site 6 of 6 in cluster U**

Relative:
Higher

Actual:
151 ft.

US BROWNFIELDS:

Name:	KING TIRE AUTO REPAIR AND SMOG SHOP
Address:	345 ROBERTS AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Recipient Name:	Sonoma County Community Development Commission
Grant Type:	Assessment
Property Number:	125-122-005
Parcel size:	.44
Latitude:	38.4312654
Longitude:	-122.72317520000001
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238114
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Bret Henry
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported

KING TIRE AUTO REPAIR AND SMOG SHOP (Continued) **1024456459**

Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.44
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported

KING TIRE AUTO REPAIR AND SMOG SHOP (Continued) **1024456459**

Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Based on a review of historic aerial photos 1942, 1963, and 1977, the site was fully developed with a layout that was largely unchanged during this period. A gas station was present in the SE 1/4 of the property. A fuel dispenser is visible in the higher resolution images dated 1963 and 1977. A small commercial bldg is located in the SW corner of the property fronting on Sebastopol Rd. The north half of the site appears to contain two residences with garages. The next available aerial photo is dated 2000. The two houses and garages as well as the corner gas station are no longer present and have been replaced by what appear to be paved parking lots. The building in the SW corner has been expanded with an addition on the east side. The layout observed in 2000 appears to be consistent with the current site layout. The photo dated 20007 shows the north half of the site occupied by 22 trucks. The photos dated 0211, 2013, and 2015 show large numbers of tires stored on pavement in the northern portion of the property. The current owner acquired the property in 2002, which appears to be after the period of site use as a gas station. The nomination form states that one or more USTs associated with the former gas station were removed in 2017. The form also states that the site was used as a used car lot from 2002 to 2006. The site remains in use as an auto repair, tire, and smog shop.
Below Poverty Number:	1279
Below Poverty Percent:	23.9%
Meidan Income:	3914
Meidan Income Number:	2717
Meidan Income Percent:	50.7%
Vacant Housing Number:	190
Vacant Housing Percent:	11.0%
Unemployed Number:	471
Unemployed Percent:	8.8%

X159 **ACME AUTO DISMANTLERS (NE PARCEL)** **US BROWNFIELDS** **1024456205**
ENE **315 ROBERTS AVENUE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407**
0.379 mi.
1999 ft. **Site 1 of 7 in cluster X**

Relative:
Higher

Actual:
152 ft.

US BROWNFIELDS:

Name:	ACME AUTO DISMANTLERS (NE PARCEL)
Address:	315 ROBERTS AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Recipient Name:	Sonoma County Community Development Commission
Grant Type:	Assessment
Property Number:	125-121-013
Parcel size:	.13
Latitude:	38.4318799
Longitude:	-122.72314470000003
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238112
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Larry Steckler and Martin Jackson
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported

ACME AUTO DISMANTLERS (NE PARCEL) (Continued) **1024456205**

Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.13
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported

ACME AUTO DISMANTLERS (NE PARCEL) (Continued) **1024456205**

Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The property is part of a 3-parcel site reportedly acquired by the current owners in 1984. The previous owners were Michael J. and Jacqueline K. Marquis. The site has been used as an auto wrecking and salvage yard since at least 1954. Prior to 1950, the site was reportedly a vacant lot with private residences to the south bordering Sebastopol Road. Previous businesses (1960-1981) reportedly operating at the site included Santa Rose Auto Wrecking and Redwood Battery Service.
Below Poverty Number:	1267
Below Poverty Percent:	24.3%
Meidan Income:	3995
Meidan Income Number:	2646
Meidan Income Percent:	50.8%
Vacant Housing Number:	179
Vacant Housing Percent:	10.8%
Unemployed Number:	472
Unemployed Percent:	9.1%

Y160 **BARNETT PROPERTY** **LUST** **S103587599**
SE **1025 DUTTON** **HIST CORTESE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401** **CERS**
0.379 mi.
1999 ft. **Site 1 of 3 in cluster Y**

Relative: **Lower**
Actual: **134 ft.**

LUST:

Name:	BARNETT PROPERTY
Address:	1025 DUTTON AVENUE, NORTH
City,State,Zip:	SANTA ROSA, CA 95401
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700764
Global Id:	T0609700764
Latitude:	38.44315
Longitude:	-122.730151
Status:	Completed - Case Closed
Status Date:	07/06/2000
Case Worker:	ZZZ
RB Case Number:	1TSR348
Local Agency:	SANTA ROSA, CITY OF

BARNETT PROPERTY (Continued) **S103587599**

File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0609700764
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700764
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700764
Action Type: Other
Date: 12/10/1998
Action: Leak Discovery

Global Id: T0609700764
Action Type: Other
Date: 12/10/1998
Action: Leak Stopped

Global Id: T0609700764
Action Type: Other
Date: 12/10/1998
Action: Leak Reported

LUST:
Global Id: T0609700764
Status: Open - Case Begin Date
Status Date: 11/09/1998

Global Id: T0609700764
Status: Open - Site Assessment
Status Date: 11/09/1998

Global Id: T0609700764
Status: Open - Site Assessment
Status Date: 03/31/2000

Global Id: T0609700764
Status: Open - Site Assessment
Status Date: 04/06/2000

BARNETT PROPERTY (Continued) **S103587599**

Global Id: T0609700764
Status: Open - Remediation
Status Date: 07/05/2000

Global Id: T0609700764
Status: Open - Verification Monitoring
Status Date: 07/05/2000

Global Id: T0609700764
Status: Completed - Case Closed
Status Date: 07/06/2000

LUST REG 1:
Region: 1
Facility ID: 1TSR348
Staff Initials: Closed

HIST CORTESE:
edr_fname: BARNETT PROPERTY
edr_fadd1: 1025 DUTTON
City,State,Zip: SANTA ROSA, CA 95401
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR348

CERS:
Name: BARNETT PROPERTY
Address: 1025 DUTTON AVENUE, NORTH
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 233325
CERS ID: T0609700764
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075433500

X161 **SHAMROCK MATERIALS (WEST PARCEL)** **US BROWNFIELDS** **1024456629**
ENE **275 ROBERTS AVENUE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407**
0.387 mi.
2046 ft. **Site 2 of 7 in cluster X**

Relative: **Higher**

Actual: **153 ft.**

US BROWNFIELDS:

Name:	SHAMROCK MATERIALS (WEST PARCEL)
Address:	275 ROBERTS AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Recipient Name:	Sonoma County Community Development Commission
Grant Type:	Assessment
Property Number:	125-121-006
Parcel size:	1.36
Latitude:	38.431969
Longitude:	-122.723724
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238116
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Roberts Avenue Properties
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported

SHAMROCK MATERIALS (WEST PARCEL) (Continued) **1024456629**

Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	1.36
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported

SHAMROCK MATERIALS (WEST PARCEL) (Continued) **1024456629**

Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The site was reportedly operated as a concrete ready-mix batch plant since at least 1950 under various ownership. A Sanborn fire insurance map dated 1950 shows a construction materials warehouse as being located near the east end of the parcel, and although not shown, references a concrete block works as being located 41 feet to the south (presumably on this same parcel). City directory records identify the property as Santa Rosa Building Materials Co in 1966, 1973,and 1977. Shamrock Materials, Inc. reportedly acquired the property in 1980 and operated a concrete batch plant until approximately 2011. Environmental concerns include: (1) possible contamination associated with an auto salvage yard directly adjacent to the south edge of the property; (2) potential contamination associated with the rail line that bordered the site from at least 1908 until conversion to a bike trail, (3) potential contamination associated with long term use of the site as a concrete plant, including possible on-site servicing of vehicles, (4) potential residual impacts associated with a 5,000-gal gasoline UST removed in 1986 and with 10,000-gal diesel and 500-gal waste oil AST formerly in use at the site and still present at the time of a Phase I ESA completed in 2015, and 5) asbestos and other hazardous building materials present with structures that remain on the site.
Below Poverty Number:	1221
Below Poverty Percent:	25.0%
Meidan Income:	4975
Meidan Income Number:	2439
Meidan Income Percent:	49.9%
Vacant Housing Number:	183
Vacant Housing Percent:	11.4%
Unemployed Number:	457
Unemployed Percent:	9.4%

X162 **SHAMROCK MATERIALS INC** **RCRA-SQG** **1000593502**
ENE **285 ROBERTS AVE** **LUST** **CAD982446338**
1/4-1/2 **SANTA ROSA, CA 95402** **AST**
0.388 mi. **US BROWNFIELDS**
2047 ft. **Site 3 of 7 in cluster X** **FINDS**
ECHO
Relative: Higher **HIST CORTESE**
CIWQS
Actual: 153 ft. **CERS**

RCRA-SQG:

Date form received by agency:	02/28/1991
Facility name:	SHAMROCK MATERIALS INC
Facility address:	285 ROBERTS AVE SANTA ROSA, CA 95402
EPA ID:	CAD982446338
Mailing address:	P O BOX 8100 SAN RAFAEL, CA 94901
Contact:	ENVIRONMENTAL MANAGER
Contact address:	285 ROBERTS AVE SANTA ROSA, CA 95402
Contact country:	US
Contact telephone:	415-454-9055
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

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

SHAMROCK MATERIALS INC (Continued) **1000593502**

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

Violation Status: No violations found

LUST:
Name: SHAMROCK MATERIALS
Address: 285 ROBERTS AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700060
Global Id: T0609700060
Latitude: 38.4322155250197
Longitude: -122.722955135582
Status: Completed - Case Closed
Status Date: 09/04/1998
Case Worker: ZZZ
RB Case Number: 1TSO087
Local Agency: SONOMA COUNTY LOP
File Location: Not reported
Local Case Number: 00012510
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700060
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700060
Action Type: Other
Date: 08/24/1987
Action: Leak Discovery

Global Id: T0609700060

SHAMROCK MATERIALS INC (Continued) **1000593502**

Action Type: Other
Date: 08/24/1987
Action: Leak Stopped

Global Id: T0609700060
Action Type: ENFORCEMENT
Date: 03/27/1997
Action: * Historical Enforcement

Global Id: T0609700060
Action Type: Other
Date: 08/24/1987
Action: Leak Reported

LUST:
Global Id: T0609700060
Status: Open - Case Begin Date
Status Date: 08/24/1987

Global Id: T0609700060
Status: Open - Site Assessment
Status Date: 09/20/1987

Global Id: T0609700060
Status: Open - Site Assessment
Status Date: 10/18/1989

Global Id: T0609700060
Status: Open - Site Assessment
Status Date: 02/22/1995

Global Id: T0609700060
Status: Open - Verification Monitoring
Status Date: 08/15/1995

Global Id: T0609700060
Status: Open - Remediation
Status Date: 09/10/1996

Global Id: T0609700060
Status: Completed - Case Closed
Status Date: 09/04/1998

LUST REG 1:
Region: 1
Facility ID: 1TSO087
Staff Initials: Closed

SONOMA CO. LUST:
Name: SHAMROCK MATERIALS
Address: 285 ROBERTS RD
City,State,Zip: SANTA ROSA, CA
Region: SONOMA
Regional Board: 1TSO087
Closed or Referred: Referred

SHAMROCK MATERIALS INC (Continued) **1000593502**

Confirm Date: 07/01/1992
LOP Number: 00012510
Staff: Not reported
Decode of Staff: Not reported
Global ID: T0609700060
APN: Not reported
Notes: REFERRED

AST:

Name:	SHAMROCK MATERIALS, INC.
Address:	285 ROBERTS AVE
City/Zip:	SANTA ROSA,95407
Certified Unified Program Agencies:	Not reported
Owner:	Shamrock Materials
Total Gallons:	Not reported
CERSID:	10114768
Facility ID:	49-060-000446
Business Name:	Shamrock Materials, Inc.
Phone:	(707) 571-5971
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Mel Sjoblom
Operator Phone:	(707) 571-5971
Owner Phone:	(707) 781-9000
Owner Mail Address:	Not reported
Owner State:	CA
Owner Zip Code:	94975
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

Name:	SHAMROCK MATERIALS, INC.
Address:	285 ROBERTS AVE.
City/Zip:	SANTA ROSA,
Certified Unified Program Agencies:	Santa Rosa
Owner:	SHAMROCK MATERIALS, INC.
Total Gallons:	10,000
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported

SHAMROCK MATERIALS INC (Continued) **1000593502**

Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

US BROWNFIELDS:

Name:	SHAMROCK MATERIALS (EAST PARCEL)
Address:	285 ROBERTS AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Recipient Name:	Sonoma County Community Development Commission
Grant Type:	Assessment
Property Number:	125-123-008
Parcel size:	.9
Latitude:	38.4322249
Longitude:	-122.72310060000001
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238118
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Roberts Avenue Properties
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y

SHAMROCK MATERIALS INC (Continued) **1000593502**

Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	.9
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported

SHAMROCK MATERIALS INC (Continued) **1000593502**

Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The site is shown as being vacant on a Sanborn fire insurance maps dated 1908, 1950, and in 1963 (at the time of an update). The property was reportedly used for storage of vehicles or construction materials. Environmental concerns include possible contamination associated with the former railroad right-of-way that borders the northern edge of the property, and long-term use for outdoor storage of vehicles or construction materials.
Below Poverty Number:	1229
Below Poverty Percent:	24.9%
Meidan Income:	4975
Meidan Income Number:	2463
Meidan Income Percent:	49.9%
Vacant Housing Number:	183
Vacant Housing Percent:	11.3%
Unemployed Number:	459
Unemployed Percent:	9.3%

FINDS:

Registry ID: 110002814857

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.

SHAMROCK MATERIALS INC (Continued) **1000593502**

STATE MASTER

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

ECHO:

Envid:	1000593502
Registry ID:	110002814857
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002814857

HIST CORTESE:

edr_fname:	SHAMROCK MATERIALS
edr_fadd1:	285 ROBERTS
City,State,Zip:	SANTA ROSA, CA 95401
Region:	CORTESE
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSO087

CIWQS:

Name:	SHAMROCK MATERIALS INC
Address:	285 ROBERTS AVE
City,State,Zip:	SANTA ROSA, CA 95407
Agency:	Shamrock Materials
Agency Address:	PO Box 808044, Petaluma, CA 94975
Place/Project Type:	Industrial - Ready-Mixed Concrete
SIC/NAICS:	3273
Region:	1
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 49I003252
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/03/1992
Termination Date:	06/12/2013
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	38.432318
Longitude:	-122.722727

CERS:

Name:	SHAMROCK MATERIALS
Address:	285 ROBERTS AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	249974
CERS ID:	T0609700060
CERS Description:	Leaking Underground Storage Tank Cleanup Site

SHAMROCK MATERIALS INC (Continued) **1000593502**

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

Y163 **JACK SMITH GLASS & SASH** **LUST** **S102431825**
SE **1050 DUTTON** **HIST CORTESE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401** **CERS**
0.389 mi.
2056 ft. **Site 2 of 3 in cluster Y**

Relative: **Lower**

Actual: **134 ft.**

LUST:

Name:	JACK SMITH GLASS & SASH
Address:	1050 DUTTON AVENUE, NORTH
City,State,Zip:	SANTA ROSA, CA 95401
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700653
Global Id:	T0609700653
Latitude:	38.444302
Longitude:	-122.730014
Status:	Completed - Case Closed
Status Date:	08/16/1991
Case Worker:	ZZZ
RB Case Number:	1TSR158
Local Agency:	SANTA ROSA, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0609700653
Contact Type:	Local Agency Caseworker
Contact Name:	LOCAL PERMIT WORKER SANTA ROSA
Organization Name:	SANTA ROSA, CITY OF
Address:	625 5th Street
City:	SANTA ROSA
Email:	Not reported
Phone Number:	7075433500

Global Id:	T0609700653
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

JACK SMITH GLASS & SASH (Continued) **S102431825**

LUST:
Global Id: T0609700653
Action Type: Other
Date: 06/07/1990
Action: Leak Discovery

Global Id: T0609700653
Action Type: Other
Date: 06/07/1990
Action: Leak Stopped

Global Id: T0609700653
Action Type: ENFORCEMENT
Date: 06/15/1990
Action: * Historical Enforcement

Global Id: T0609700653
Action Type: Other
Date: 06/07/1990
Action: Leak Reported

LUST:
Global Id: T0609700653
Status: Open - Case Begin Date
Status Date: 06/07/1990

Global Id: T0609700653
Status: Open - Site Assessment
Status Date: 06/15/1990

Global Id: T0609700653
Status: Open - Remediation
Status Date: 08/15/1991

Global Id: T0609700653
Status: Open - Site Assessment
Status Date: 08/15/1991

Global Id: T0609700653
Status: Open - Verification Monitoring
Status Date: 08/15/1991

Global Id: T0609700653
Status: Completed - Case Closed
Status Date: 08/16/1991

LUST REG 1:
Region: 1
Facility ID: 1TSR158
Staff Initials: Closed

HIST CORTESE:
edr_fname: JACK SMITH GLASS & SASH
edr_fadd1: 1050 DUTTON

JACK SMITH GLASS & SASH (Continued) **S102431825**

City,State,Zip: SANTA ROSA, CA 95401
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR158

CERS:
Name: JACK SMITH GLASS & SASH
Address: 1050 DUTTON AVENUE, NORTH
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 230440
CERS ID: T0609700653
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075433500

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

X164 **SONOMA COUNTY GOVERNMENT BUILDING SITE** **CPS-SLIC** **S105051080**
East **SEBASTOPOL ROAD / ROBERTS AVENUE** **CERS** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401**
0.390 mi.
2059 ft. **Site 4 of 7 in cluster X**

Relative:
Higher

Actual:
150 ft.

SLIC REG 1:
Region: 1
Facility ID: 1NSO782
Staff Initials: WTE

CERS:
Name: SONOMA COUNTY GOVERNMENT BUILDING SITE
Address: SEBASTOPOL ROAD / ROBERTS AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 231075
CERS ID: T0609791105
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY

SONOMA COUNTY GOVERNMENT BUILDING SITE (Continued) **S105051080**

Entity Title:	Not reported
Affiliation Address:	625 5th Street
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

X165 **SONOMA COUNTY GOVERNMENT BUILDING SITE** **CPS-SLIC** **S109118043**
East **SEBASTOPOL ROAD / ROBERTS AVENUE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401**
0.390 mi.
2059 ft. **Site 5 of 7 in cluster X**

Relative:
Higher

Actual:
150 ft.

CPS-SLIC:

Name:	SONOMA COUNTY GOVERNMENT BUILDING SITE
Address:	SEBASTOPOL ROAD / ROBERTS AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/08/2006
Global Id:	T0609791105
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4315697965445
Longitude:	-122.722907288361
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	SONOMA COUNTY
RB Case Number:	1NSO782
File Location:	Regional Board
Potential Media Affected:	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:

Y166 **KINGWOOD SUBDIVISION** **CPS-SLIC** **S101316058**
SE **1055 DUTTON AVENUE, NORTH** **CERS** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401**
0.391 mi.
2066 ft. **Site 3 of 3 in cluster Y**

Relative:
Lower

Actual:
133 ft.

CPS-SLIC:

Name:	KINGWOOD SUBDIVISION
Address:	1055 DUTTON AVENUE, NORTH
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/09/1996
Global Id:	T0609793269
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.444665358605
Longitude:	-122.730535268784
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	SANTA ROSA, CITY OF
RB Case Number:	1NSR215
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:	1NSR215
Staff Initials:	Facility Closed

CERS:

Name:	KINGWOOD SUBDIVISION
Address:	1055 DUTTON AVENUE, NORTH
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	235926
CERS ID:	T0609793269
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title:	Not reported
Affiliation Address:	625 5th Street
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075433500

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA

KINGWOOD SUBDIVISION (Continued) **S101316058**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

Z167 **FRONTIER ELECTRIC** **LUST** **U001609537**
West **1599 HAMPTON WAY** **SWEEPS UST** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407** **HIST UST**
0.393 mi. **HIST CORTESE**
2076 ft. **Site 1 of 2 in cluster Z** **CERS**

Relative:
Lower

Actual:
133 ft.

LUST:

Name:	FRONTIER ELECTRIC
Address:	1599 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700055
Global Id:	T0609700055
Latitude:	38.4297493
Longitude:	-122.7379609
Status:	Completed - Case Closed
Status Date:	02/20/2007
Case Worker:	ZZZ
RB Case Number:	1TSO082
Local Agency:	SONOMA COUNTY
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0609700055
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	craig.hunt@waterboards.ca.gov
Phone Number:	7075762220

LUST:

Global Id:	T0609700055
Action Type:	ENFORCEMENT
Date:	06/28/2002
Action:	Staff Letter

Global Id:	T0609700055
Action Type:	ENFORCEMENT
Date:	03/29/2001
Action:	Staff Letter

Global Id:	T0609700055
Action Type:	ENFORCEMENT
Date:	01/08/2004
Action:	Staff Letter

FRONTIER ELECTRIC (Continued) **U001609537**

Global Id: T0609700055
Action Type: ENFORCEMENT
Date: 10/25/2001
Action: * Historical Enforcement

Global Id: T0609700055
Action Type: Other
Date: 08/24/1987
Action: Leak Discovery

Global Id: T0609700055
Action Type: RESPONSE
Date: 01/16/2002
Action: Other Workplan

Global Id: T0609700055
Action Type: RESPONSE
Date: 07/23/2001
Action: Soil and Water Investigation Workplan

Global Id: T0609700055
Action Type: RESPONSE
Date: 01/10/2003
Action: Other Report / Document

Global Id: T0609700055
Action Type: RESPONSE
Date: 03/17/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700055
Action Type: RESPONSE
Date: 09/27/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700055
Action Type: RESPONSE
Date: 09/27/2001
Action: Other Workplan

Global Id: T0609700055
Action Type: RESPONSE
Date: 10/24/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700055
Action Type: RESPONSE
Date: 12/03/2001
Action: Monitoring Report - Quarterly

Global Id: T0609700055
Action Type: RESPONSE
Date: 01/14/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700055
Action Type: RESPONSE

FRONTIER ELECTRIC (Continued) **U001609537**

Date: 01/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700055
Action Type: RESPONSE
Date: 02/19/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700055
Action Type: RESPONSE
Date: 02/21/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700055
Action Type: RESPONSE
Date: 04/29/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700055
Action Type: RESPONSE
Date: 09/03/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700055
Action Type: RESPONSE
Date: 10/03/2002
Action: Monitoring Report - Quarterly

Global Id: T0609700055
Action Type: RESPONSE
Date: 01/21/2002
Action: Other Workplan

Global Id: T0609700055
Action Type: RESPONSE
Date: 02/12/2003
Action: Other Report / Document

Global Id: T0609700055
Action Type: ENFORCEMENT
Date: 09/13/2006
Action: Notification - Public Notice of Case Closure

Global Id: T0609700055
Action Type: ENFORCEMENT
Date: 02/20/2007
Action: Closure/No Further Action Letter

Global Id: T0609700055
Action Type: Other
Date: 08/24/1987
Action: Leak Stopped

Global Id: T0609700055
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

FRONTIER ELECTRIC (Continued) **U001609537**

Global Id: T0609700055
Action Type: ENFORCEMENT
Date: 11/21/2001
Action: Staff Letter

Global Id: T0609700055
Action Type: ENFORCEMENT
Date: 09/18/1998
Action: * Historical Enforcement

Global Id: T0609700055
Action Type: Other
Date: 08/24/1987
Action: Leak Reported

Global Id: T0609700055
Action Type: ENFORCEMENT
Date: 07/12/2006
Action: Staff Letter

LUST:
Global Id: T0609700055
Status: Open - Case Begin Date
Status Date: 08/24/1987

Global Id: T0609700055
Status: Open - Site Assessment
Status Date: 08/28/1987

Global Id: T0609700055
Status: Open - Site Assessment
Status Date: 02/07/2000

Global Id: T0609700055
Status: Open - Site Assessment
Status Date: 07/23/2001

Global Id: T0609700055
Status: Completed - Case Closed
Status Date: 02/20/2007

SWEEPS UST:
Name: FRONTIER ELECTRIC
Address: 1599 HAMPTON WAY
City: SANTA ROSA
Status: Active
Comp Number: 65501
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: #1
SWRCB Tank Id: 49-060-065501-000001
Tank Status: A

FRONTIER ELECTRIC (Continued) **U001609537**

Capacity:	2000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	2
Name:	FRONTIER ELECTRIC
Address:	1599 HAMPTON WAY
City:	SANTA ROSA
Status:	Active
Comp Number:	65501
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	49-060-065501-000002
Tank Status:	A
Capacity:	550
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

HIST UST:

Name:	FRONTIER ELECTRIC
Address:	1599 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
File Number:	00021BB6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021BB6.pdf
Region:	STATE
Facility ID:	00000065501
Facility Type:	Other
Other Type:	ELECTRIC
Contact Name:	LARRY LEEPIN
Telephone:	7075461553
Owner Name:	MEL JOHNSON
Owner Address:	1599 HAMPTON WAY
Owner City,St,Zip:	SANTA ROSA, CA 95407
Total Tanks:	0002
Tank Num:	001
Container Num:	#1
Year Installed:	1970
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	10
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1970
Tank Capacity:	00000550

FRONTIER ELECTRIC (Continued) **U001609537**

Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 10
Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

HIST CORTESE:
edr_fname: FRONTIER ELECTRIC
edr_fadd1: 1599 HAMPTON
City,State,Zip: SANTA ROSA, CA 95407
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO082

CERS:
Name: FRONTIER ELECTRIC
Address: 1599 HAMPTON
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 315293
CERS ID: 225497
CERS Description: Tanks & Ground Water Clean Up

Name: FRONTIER ELECTRIC
Address: 1599 HAMPTON WAY
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 242061
CERS ID: T0609700055
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

X168 **350 ROBERTS STREET PROPERTY** **US BROWNFIELDS** **1024456146**
ENE **350 ROBERTS STREET** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407**
0.400 mi.
2112 ft. **Site 6 of 7 in cluster X**

Relative:
Higher

Actual:
152 ft.

US BROWNFIELDS:
Name: 350 ROBERTS STREET PROPERTY
Address: 350 ROBERTS STREET
City,State,Zip: SANTA ROSA, CA 95407
Recipient Name: Sonoma County Community Development Commission
Grant Type: Assessment
Property Number: 125-123-004
Parcel size: 1.17

350 ROBERTS STREET PROPERTY (Continued) **1024456146**

Latitude:	38.431712
Longitude:	-122.7223285
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238115
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	2004 Butler/Dominguez Family Trust
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported

350 ROBERTS STREET PROPERTY (Continued) **1024456146**

No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	1.17
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported

350 ROBERTS STREET PROPERTY (Continued) **1024456146**

Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The property was reportedly acquired by the current owner in 2006. One of the buildings at the property was reportedly constructed in 1941. The site is identified in City directory records dated 1949, 1955, 1960, and 1966 as a lumber yard or company (Don Dickinson Lumber, Don's Lumber Yard, Don's Lumber Co.). The property is listed as flooring company in City directory records dated 1973, 1977, and 1981 (Guanella Brothers Flooring). The two owners of Guanella Brothers Flooring reportedly died in 2000 and 2007. The large warehouse building was reportedly used for storage of office furniture. The occupant in 2000 was identified as Floreria Selena
Below Poverty Number:	1320
Below Poverty Percent:	24.5%
Meidan Income:	4509
Meidan Income Number:	2758
Meidan Income Percent:	51.2%
Vacant Housing Number:	189
Vacant Housing Percent:	11.0%
Unemployed Number:	484
Unemployed Percent:	9.0%

AA169 **CHANG, KEVIN** **LUST** **S102426525**
WSW **HAMPTON WAY 1580** **N/A**
1/4-1/2 **SANTA ROSA, CA**
0.408 mi.
2152 ft. **Site 1 of 2 in cluster AA**

Relative: LUST REG 1:
Lower
Region: 1
Actual: Facility ID: 1TSO166
131 ft. Staff Initials: Closed

AA170 **FRONTIER ELECTRIC** **LUST** **S104163215**
WSW **HAMPTON WAY 1599** **N/A**
1/4-1/2 **SANTA ROSA, CA**
0.409 mi.
2159 ft. **Site 2 of 2 in cluster AA**

Relative: LUST REG 1:
Lower
Region: 1
Actual: Facility ID: 1TSO082
131 ft. Staff Initials: SKB

AB171 **THE BARRICADE COMPANY** **SEMS** **1000109846**
ENE **265 ROBERTS AVE** **RCRA-SQG** **CAD041651027**
1/4-1/2 **SANTA ROSA, CA 95407** **FINDS**
0.410 mi. **ECHO**
2165 ft. **Site 1 of 3 in cluster AB**

Relative: Higher

Actual: 153 ft.

SEMS:

Site ID:	0901331
EPA ID:	CAD041651027
Cong District:	12
FIPS Code:	06097
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:

Region:	09
Site ID:	0901331
EPA ID:	CAD041651027
Site Name:	ELTRA CORP C & D BATTERIES DIV
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	9/1/1987 4:00:00 AM
Qual:	L
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901331
EPA ID:	CAD041651027
Site Name:	ELTRA CORP C & D BATTERIES DIV
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	6/17/1991 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901331
EPA ID:	CAD041651027
Site Name:	ELTRA CORP C & D BATTERIES DIV
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-08-01 04:00:00
Finish Date:	8/1/1980 4:00:00 AM

THE BARRICADE COMPANY (Continued) **1000109846**

Qual: Not reported
Current Action Lead: EPA Perf

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: C & D BATTERIES DIV OF ELTRA CORP
Facility address: 265 ROBERTS AVE
SANTA ROSA, CA 95401
EPA ID: CAD041651027
Mailing address: P.O. BOXNINETH 999
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
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MARKET WHOLESALE GROCERY COMPANY
Owner/operator address: 3440 MENDOCINO AVENUE
SANTA ROSA, CA 95401
Owner/operator country: Not reported
Owner/operator telephone: 707-526-3350
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ELTRA CORPORATION
Owner/operator address: P.O. BOX 1013R
CITY NOT REPORTED, NJ 99999
Owner/operator country: Not reported
Owner/operator telephone: 201-455-3441
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

THE BARRICADE COMPANY (Continued) **1000109846**

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: C & D BATTERIES DIV OF ELTRA CORP
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/13/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110065018830

Environmental Interest/Information System
STATE MASTER

Registry ID: 110002644309

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.

SUPERFUND (NON-NPL)

Registry ID: 110055741390

Environmental Interest/Information System
STATE MASTER

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

THE BARRICADE COMPANY (Continued) **1000109846**

ECHO:
Envid: 1000109846
Registry ID: 110002644309
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002644309

AB172 **C & D BATTERIES** **ENVIROSTOR** **S110374501**
ENE **265 ROBERTS AVENUE** **CPS-SLIC** **N/A**
1/4-1/2 **SANTA ROSA, CA 95402**
0.410 mi.
2165 ft. **Site 2 of 3 in cluster AB**

Relative:
Higher

Actual:
153 ft.

ENVIROSTOR:
Name: C & D BATTERIES
Address: 265 ROBERTS AVENUE
City,State,Zip: SANTA ROSA, CA 95402
Facility ID: 49360004
Status: Refer: RWQCB
Status Date: 09/27/1993
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: * Rural County Survey Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.43259
Longitude: -122.7232
APN: 125-121-011
Past Use: NONE SPECIFIED
Potential COC: * UNSPECIFIED ACID SOLUTION
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: ELTRA CORP & C & D BATTERIES DIV
Alias Type: Alternate Name
Alias Name: 125-121-011
Alias Type: APN
Alias Name: CAD041651027
Alias Type: EPA Identification Number
Alias Name: 49360004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: De-Certification
Completed Date: 09/27/1993
Comments: Site has been referred to the Regional Water Quality Control Board because additional contamination exists. The site has been "decertified" and the previous cert is considered a removal action.

C & D BATTERIES (Continued) **S110374501**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/01/1985
Comments: Thirteen (13) cubic yards of contaminated soil removed. as a result of a closure of a surface impoundment under RCRA program. Month and day information for removal action not available. This date was selected because it gives the earliest statute of limitations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 06/13/1980
Comments: FACILITY IDENTIFIED RWQCB COMPLAINT 55-GAL ACID DUMPED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/22/1988
Comments: SITE SCREENING DONE DHS/PROP65 - SITE CLOSED BUT LETTERS SHOW RUNOFF/SPILLS OCCURRED__(NO DATE)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/01/1985
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/27/1997
Comments: RWQCB is currently overseeing the site.

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

CPS-SLIC:
Name: C & D BATTERIES
Address: 265 ROBERTS AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Region: STATE
Facility Status: **Open - Inactive**
Status Date: 03/05/2009
Global Id: T0609793128
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.43255
Longitude: -122.722874
Case Type: Cleanup Program Site

C & D BATTERIES (Continued) **S110374501**

Case Worker:	TNM
Local Agency:	SANTA ROSA, CITY OF
RB Case Number:	1NSR079
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Lead
Site History:	Industrial lead acid batteries were manufactured at the C&D Battery Plant from 1963 to 1983. The plant was decommissioned, and limited soil cleanup work performed in September 1983.

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

AB173 **C&D BATTERIES** **CPS-SLIC** **S105051205**
ENE **265 ROBERTS AVENUE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401**
0.410 mi.
2165 ft. **Site 3 of 3 in cluster AB**

Relative: **Higher**
Actual: **153 ft.**

SLIC REG 1:

Region:	1
Facility ID:	1NSR079
Staff Initials:	WTE

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174 **REDWOOD OIL, FORMER** **LUST** **S104163200**
NE **THIRD STREET, WEST 130** **N/A**
1/4-1/2 **SANTA ROSA, CA**
0.412 mi.
2177 ft.

Relative: **Higher**
Actual: **153 ft.**

LUST REG 1:

Region:	1
Facility ID:	1TSR041
Staff Initials:	Closed

AC175 **SCWA - HEWETT AND NORTH DUTTON AVENUE** **CPS-SLIC** **S123505988**
NNE **HEWETT STREET/NORTH DUTTON AVENUE** **CERS** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401**
0.416 mi.
2195 ft. **Site 1 of 2 in cluster AC**

Relative: **Higher**
Actual: **143 ft.**

CPS-SLIC:

Name:	SCWA - HEWETT AND NORTH DUTTON AVENUE
Address:	HEWETT STREET/NORTH DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	03/04/2009
Global Id:	T0609793396
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4366827233998
Longitude:	-122.728138773784
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	SANTA ROSA, CITY OF

SCWA - HEWETT AND NORTH DUTTON AVENUE (Continued) **S123505988**

RB Case Number:	1NSR318
File Location:	Regional Board
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Lead
Site History:	This was originally a 1-acre parcel that had elevated concentrations of lead in soil in the southern part of the site (next to Santa Rosa Creek). The lead contamination was likely due to imported fill material. The extent of soil contamination was defined, and groundwater samples contained no lead. In 2011, about 450 tons of soil were removed from the contaminated area during construction of a bike path. In 2012 the property was split into 0.6 acre northern and 0.4 acre southern parcels. The southern parcel contains the remaining lead contamination. There is a private residence on the northern parcel which is slated for redevelopment. The northern "clean" parcel retained the 330 Hewett Street address.

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

CERS:

Name:	SCWA - HEWETT AND NORTH DUTTON AVENUE
Address:	HEWETT STREET/NORTH DUTTON AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	251012
CERS ID:	T0609793396
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762030

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title:	Not reported
Affiliation Address:	625 5th Street
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075433500

X176
ENE
1/4-1/2
0.422 mi.
2228 ft.

SHAMROCK MATERIALS (MIDDLE PARCEL)
280 ROBERTS AVENUE
SANTA ROSA, CA 95407

Site 7 of 7 in cluster X

US BROWNFIELDS **1024456628**
N/A

Relative:
Higher

Actual:
153 ft.

US BROWNFIELDS:

Name:	SHAMROCK MATERIALS (MIDDLE PARCEL)
Address:	280 ROBERTS AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Recipient Name:	Sonoma County Community Development Commission
Grant Type:	Assessment
Property Number:	125-123-003
Parcel size:	.28
Latitude:	38.43228300000001
Longitude:	-122.72248300000001
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238117
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Roberts Avenue Properties
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported

SHAMROCK MATERIALS (MIDDLE PARCEL) (Continued) **1024456628**

Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	.28
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported

SHAMROCK MATERIALS (MIDDLE PARCEL) (Continued) **1024456628**

Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The site is shown on a Sanborn fire insurance map dated 1908 as containing three residential dwellings. These were also shown on the map dated 1950, but were no longer present at the time of an update to the maps completed in 1963. The property was reportedly used for storage of vehicles or construction materials. Environmental concerns include possible contamination associated with the former railroad right-of-way that borders the northern edge of the property, and long-term use for outdoor storage of vehicles or construction materials.
Below Poverty Number:	1302
Below Poverty Percent:	24.5%
Meidan Income:	4975
Meidan Income Number:	2689
Meidan Income Percent:	50.6%
Vacant Housing Number:	191
Vacant Housing Percent:	11.1%
Unemployed Number:	489
Unemployed Percent:	9.2%

AD177 **CHANG, KEVIN** **LUST** **S101595287**
WSW **1580 HAMPTON** **SWEEPS UST** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407** **CA FID UST**
0.425 mi. **HIST CORTESE**
2243 ft. **Site 1 of 4 in cluster AD** **CERS**

Relative: **Lower**
Actual: **133 ft.**

LUST:

Name:	CHANG, KEVIN
Address:	1580 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700130
Global Id:	T0609700130
Latitude:	38.4290265935532
Longitude:	-122.738656089688
Status:	Completed - Case Closed
Status Date:	11/24/1994
Case Worker:	ZZZ
RB Case Number:	1TSO166

CHANG, KEVIN (Continued) **S101595287**

Local Agency: SONOMA COUNTY LOP
File Location: Not reported
Local Case Number: 00002641
Potential Media Affect: Well used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0609700130
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700130
Action Type: Other
Date: 03/29/1988
Action: Leak Discovery

Global Id: T0609700130
Action Type: Other
Date: 03/29/1988
Action: Leak Stopped

Global Id: T0609700130
Action Type: ENFORCEMENT
Date: 07/08/1992
Action: * Historical Enforcement

Global Id: T0609700130
Action Type: Other
Date: 03/29/1988
Action: Leak Reported

LUST:
Global Id: T0609700130
Status: Open - Case Begin Date
Status Date: 03/29/1988

Global Id: T0609700130
Status: Open - Site Assessment
Status Date: 04/11/1988

Global Id: T0609700130
Status: Open - Site Assessment
Status Date: 10/02/1990

Global Id: T0609700130
Status: Open - Site Assessment
Status Date: 11/26/1990

Global Id: T0609700130
Status: Open - Remediation

CHANG, KEVIN (Continued) **S101595287**

Status Date: 11/23/1994

Global Id: T0609700130
Status: Open - Site Assessment
Status Date: 11/23/1994

Global Id: T0609700130
Status: Open - Verification Monitoring
Status Date: 11/23/1994

Global Id: T0609700130
Status: Completed - Case Closed
Status Date: 11/24/1994

SONOMA CO. LUST:
Name: CHANG, KEVIN
Address: 1580 HAMPTON CT
City,State,Zip: SANTA ROSA, CA
Region: SONOMA
Regional Board: 1TSO166
Closed or Referred: Referred
Confirm Date: 07/01/1992
LOP Number: 00002641
Staff: Not reported
Decode of Staff: Not reported
Global ID: T0609700130
APN: Not reported
Notes: REFERRED

SWEEPS UST:
Name: CHANG, KEVIN
Address: 1580 HAMPTON
City: SANTA ROSA
Status: Active
Comp Number: 2641
Number: 9
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: 10-06-89
Created Date: 03-31-89
Owner Tank Id: Not reported
SWRCB Tank Id: 49-000-002641-000001
Tank Status: A
Capacity: 1
Active Date: 10-06-89
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: 1

CA FID UST:
Facility ID: 49000452
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported

CHANG, KEVIN (Continued) **S101595287**

SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 8141 REDWOOD BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:
edr_fname: CHANG, KEVIN
edr_fadd1: 1580 HAMPTON
City,State,Zip: SANTA ROSA, CA 95407
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO166

CERS:
Name: CHANG, KEVIN
Address: 1580 HAMPTON WAY
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 219375
CERS ID: T0609700130
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Z178 **WOOD, TALMADGE** **LUST** **S101304934**
West **1594 HAMPTON** **CUPA Listings** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407** **EMI**
0.428 mi. **HIST CORTESE**
2258 ft. **Site 2 of 2 in cluster Z** **CERS**

Relative:
Lower

Actual:
133 ft.

LUST:
Name: WOOD, TALMADGE
Address: 1594 HAMPTON WAY
City,State,Zip: SANTA ROSA, CA 95407
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700080
Global Id: T0609700080

WOOD, TALMADGE (Continued) **S101304934**

Latitude: 38.4296239
Longitude: -122.738514
Status: Completed - Case Closed
Status Date: 09/20/1996
Case Worker: ZZZ
RB Case Number: 1TSO110
Local Agency: SONOMA COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700080
Contact Type: Local Agency Caseworker
Contact Name: ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700080
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700080
Action Type: ENFORCEMENT
Date: 01/09/1991
Action: * Historical Enforcement

Global Id: T0609700080
Action Type: Other
Date: 03/13/1987
Action: Leak Discovery

Global Id: T0609700080
Action Type: Other
Date: 03/13/1987
Action: Leak Stopped

Global Id: T0609700080
Action Type: Other
Date: 03/13/1987
Action: Leak Reported

LUST:
Global Id: T0609700080
Status: Open - Case Begin Date
Status Date: 03/13/1987

WOOD, TALMADGE (Continued) **S101304934**

Global Id: T0609700080
Status: Open - Site Assessment
Status Date: 09/30/1987

Global Id: T0609700080
Status: Open - Site Assessment
Status Date: 03/01/1988

Global Id: T0609700080
Status: Open - Site Assessment
Status Date: 03/09/1989

Global Id: T0609700080
Status: Open - Site Assessment
Status Date: 11/17/1991

Global Id: T0609700080
Status: Open - Remediation
Status Date: 09/19/1996

Global Id: T0609700080
Status: Open - Verification Monitoring
Status Date: 09/19/1996

Global Id: T0609700080
Status: Completed - Case Closed
Status Date: 09/20/1996

LUST REG 1:
Region: 1
Facility ID: 1TSO110
Staff Initials: Closed

CUPA SONOMA:
Name: VERIZON WIRELESS (STONY POINT)
Add1: 1594 HAMPTON WY
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-007405
Permit: Not reported
Type: HMBP
HMBP: Not reported
UST: Not reported
HWG: Not reported
calarp: Not reported
AST: Not reported
HW Treatment: Not reported
Fee Schedule: Range 2
CERS ID: 10111699
Experation Date: 07/02/2015

Name: AT&T MOBILITY - HAMPTON (79583)
Add1: 1594 HAMPTON WY
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49-000-008287
Permit: Not reported

WOOD, TALMADGE (Continued) **S101304934**

Type:	HMBP
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Range 2
CERS ID:	10116616
Experation Date:	10/15/2016

EMI:

Name:	ARCHITECTURAL & STRUCTURAL STE
Address:	1594 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2008
County Code:	49
Air Basin:	SF
Facility ID:	13576
Air District Name:	BA
SIC Code:	3441
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.157
Reactive Organic Gases Tons/Yr:	.1186505
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCHITECTURAL & STRUCTURAL STE
Address:	1594 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2009
County Code:	49
Air Basin:	SF
Facility ID:	13576
Air District Name:	BA
SIC Code:	3441
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.157
Reactive Organic Gases Tons/Yr:	0.11865050000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCHITECTURAL & STRUCTURAL STE
Address:	1594 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2010
County Code:	49

WOOD, TALMADGE (Continued) **S101304934**

Air Basin:	SF
Facility ID:	13576
Air District Name:	BA
SIC Code:	3441
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.157
Reactive Organic Gases Tons/Yr:	0.11865050000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCHITECTURAL & STRUCTURAL STE
Address:	1594 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2011
County Code:	49
Air Basin:	SF
Facility ID:	13576
Air District Name:	BA
SIC Code:	3441
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.157
Reactive Organic Gases Tons/Yr:	0.1186505
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCHITECTURAL & STRUCTURAL STE
Address:	1594 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2012
County Code:	49
Air Basin:	SF
Facility ID:	13576
Air District Name:	BA
SIC Code:	3441
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.157
Reactive Organic Gases Tons/Yr:	0.1186505
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCHITECTURAL & STRUCTURAL STE
Address:	1594 HAMPTON WAY

WOOD, TALMADGE (Continued) **S101304934**

City,State,Zip:	SANTA ROSA, CA 95407
Year:	2013
County Code:	49
Air Basin:	SF
Facility ID:	13576
Air District Name:	BA
SIC Code:	3441
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.157
Reactive Organic Gases Tons/Yr:	0.1186505
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCHITECTURAL & STRUCTURAL STEEL CO, INC
Address:	1594 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2014
County Code:	49
Air Basin:	SF
Facility ID:	13576
Air District Name:	BA
SIC Code:	3441
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.156559453
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ARCHITECTURAL & STRUCTURAL STEEL CO, INC
Address:	1594 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2015
County Code:	49
Air Basin:	SF
Facility ID:	13576
Air District Name:	BA
SIC Code:	3441
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.15655945
Reactive Organic Gases Tons/Yr:	0.15655943
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

WOOD, TALMADGE (Continued) **S101304934**

Name:	ARCHITECTURAL & STRUCTURAL STEEL CO, INC
Address:	1594 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2016
County Code:	49
Air Basin:	SF
Facility ID:	13576
Air District Name:	BA
SIC Code:	3441
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.156559453
Reactive Organic Gases Tons/Yr:	0.11838710327
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	ARCHITECTURAL & STRUCTURAL STEEL CO, INC
Address:	1594 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Year:	2017
County Code:	49
Air Basin:	SF
Facility ID:	13576
Air District Name:	BA
SIC Code:	3441
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.156559453
Reactive Organic Gases Tons/Yr:	0.11838710327
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

HIST CORTESE:

edr_fname:	WOOD, TALMADGE
edr_fadd1:	1594 HAMPTON
City,State,Zip:	SANTA ROSA, CA 95407
Region:	CORTESE
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSO110

CERS:

Name:	WOOD, TALMADGE
Address:	1594 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	193745
CERS ID:	T0609700080
CERS Description:	Leaking Underground Storage Tank Cleanup Site

WOOD, TALMADGE (Continued) **S101304934**

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title:	Not reported
Affiliation Address:	625 5th Street
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

Name:	ARCHITECTURAL & STRUCTURAL STEEL CO, INC
Address:	1594 HAMPTON WAY
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	451903
CERS ID:	110054200841
CERS Description:	US EPA Air Emission Inventory System (EIS)

AC179 **SCWA - 330 HEWETT** **CPS-SLIC** **S105051101**
NNE **330 HEWETT STREET** **N/A**
1/4-1/2 **SANTA ROSA, CA 0**
0.434 mi.
2294 ft. **Site 2 of 2 in cluster AC**

Relative:
Higher

Actual:
144 ft.

SLIC REG 1:

Region:	1
Facility ID:	1NSR318
Staff Initials:	JLB

AE180 **111 SEBASTOPOL RD. PROPERTY** **US BROWNFIELDS** **1024456039**
East **111 SEBASTOPOL RD.** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407**
0.455 mi.
2400 ft. **Site 1 of 3 in cluster AE**

Relative:
Higher

Actual:
152 ft.

US BROWNFIELDS:

Name:	111 SEBASTOPOL RD. PROPERTY
Address:	111 SEBASTOPOL RD.
City,State,Zip:	SANTA ROSA, CA 95407
Recipient Name:	Sonoma County Community Development Commission
Grant Type:	Assessment
Property Number:	125-123-010
Parcel size:	1.78
Latitude:	38.431926
Longitude:	-122.72146829999997

111 SEBASTOPOL RD. PROPERTY (Continued) **1024456039**

HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	238106
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	99T45301
Start Date:	08/31/2018 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	The Zedrick Living Trust
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported

111 SEBASTOPOL RD. PROPERTY (Continued) **1024456039**

Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	1.78
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported

111 SEBASTOPOL RD. PROPERTY (Continued) **1024456039**

Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The site was reportedly acquired by the Zedrick family in 1974. The site reportedly operated as a bulk fuel facility and gas station from the 1930s through 1986. The Zedrick family reportedly purchased the site in 1974 and operated it as a Texaco service station until it was closed and dismantled in 1986. Four USTs (5,000 to 10,000 gallons capacity) were removed in 1986 followed by assessment and cleanup activities through 2000 when the case was closed. A warehouse was present on the property along the railroad tracks in 1963 (the time of the earliest available aerial photo reviewed in preparing this ED). Several silos or aboveground ASTs were also visible, but gone by the time of a subsequent aerial photo taken in 1977. By 2000, several additional small buildings were visible on the property. Most of the site appears to have been paved by 2005. The site is currently leased to a number of tenants for office, storage, and light fabrication.
Below Poverty Number:	1345
Below Poverty Percent:	24.3%
Meidan Income:	4341
Meidan Income Number:	2837
Meidan Income Percent:	51.2%
Vacant Housing Number:	189
Vacant Housing Percent:	10.6%
Unemployed Number:	488
Unemployed Percent:	8.8%

AD181 **ALMETCO** **ENVIROSTOR** **S101304982**
WSW **1733 SEBASTOPOL RD** **LUST** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401** **CPS-SLIC**
0.466 mi. **EMI**
2462 ft. **Site 2 of 4 in cluster AD** **HIST CORTESE**
CERS

Relative:
Lower

Actual:
131 ft.

ENVIROSTOR:

Name:	ALMETCO
Address:	1733 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95401
Facility ID:	49330001
Status:	Refer: RWQCB
Status Date:	09/27/1993
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	10
Senate:	02
Special Program:	* Rural County Survey Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED

ALMETCO (Continued) **S101304982**

Funding: Not reported
Latitude: 38.42828
Longitude: -122.7389
APN: 125-082-025
Past Use: NONE SPECIFIED
Potential COC: Chromium VI
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 125-082-025
Alias Type: APN
Alias Name: T0609791135
Alias Type: GeoTracker Global ID
Alias Name: 49330001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/10/1988
Comments: FACILITY IDENTIFIED SONOMA COUNTY EH - CHROME PLATING FLUID DISP ON TO SOIL

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/21/1988
Comments: SITE SCREENING DONE POSS ONSITE CONTAM

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

LUST:
Name: ALMETCO, INC.
Address: 1733 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700329
Global Id: T0609700329
Latitude: 38.428743
Longitude: -122.738912
Status: Completed - Case Closed
Status Date: 09/19/2005
Case Worker: ZZZ
RB Case Number: 1TSO463
Local Agency: SONOMA COUNTY
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Well used for drinking water supply

ALMETCO (Continued) **S101304982**

Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700329
Contact Type: Local Agency Caseworker
Contact Name: ENVIRON HEALTH STAFF (NON LOP-RB1)
Organization Name: SONOMA COUNTY
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: Not reported

Global Id: T0609700329
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700329
Action Type: Other
Date: 08/30/1991
Action: Leak Discovery

Global Id: T0609700329
Action Type: ENFORCEMENT
Date: 06/02/2005
Action: Notification - Public Notice of Case Closure

Global Id: T0609700329
Action Type: ENFORCEMENT
Date: 08/02/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700329
Action Type: Other
Date: 08/30/1991
Action: Leak Stopped

Global Id: T0609700329
Action Type: ENFORCEMENT
Date: 09/19/2005
Action: Closure/No Further Action Letter

Global Id: T0609700329
Action Type: Other
Date: 08/30/1991
Action: Leak Reported

LUST:
Global Id: T0609700329
Status: Open - Case Begin Date
Status Date: 08/30/1991

ALMETCO (Continued) **S101304982**

Global Id: T0609700329
Status: Open - Site Assessment
Status Date: 08/30/1991

Global Id: T0609700329
Status: Open - Site Assessment
Status Date: 12/26/2000

Global Id: T0609700329
Status: Open - Site Assessment
Status Date: 04/27/2001

Global Id: T0609700329
Status: Completed - Case Closed
Status Date: 09/19/2005

CPS-SLIC:
Name: ALMETCO, INC.
Address: 1733 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 09/19/2005
Global Id: T0609791135
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.428743
Longitude: -122.738912
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SONOMA COUNTY
RB Case Number: 1NSO463
File Location: Regional Board
Potential Media Affected: Well used for drinking water supply
Potential Contaminants of Concern: Chromium, * Solvents
Site History: Not reported

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

SLIC REG 1:
Region: 1
Facility ID: 1NSO463
Staff Initials: SKB

EMI:
Name: PHOENIX WINDOWS INC
Address: 1733 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 0
Year: 1990
County Code: 49
Air Basin: SF
Facility ID: 3965
Air District Name: BA
SIC Code: 3442
Air District Name: BAY AREA AQMD

ALMETCO (Continued) **S101304982**

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HIST CORTESE:
edr_fname: ALMETCO, INC.
edr_fadd1: 1733 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95405
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSO463

edr_fname: ALMETCO INC.
edr_fadd1: 1733 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95405
Region: CORTESE
Facility County Code: 49
Reg By: WBC&D
Reg Id: 1B870290NSL

CERS:
Name: ALMETCO, INC.
Address: 1733 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA
Site ID: 187176
CERS ID: T0609700329
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

ALMETCO (Continued) **S101304982**

Name: ALMETCO, INC.
Address: 1733 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA
Site ID: 187176
CERS ID: T0609791135
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Name: ALMETCO INC.
Address: 1733 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 307486
CERS ID: 205214
CERS Description: Tanks & Ground Water Clean Up

Enforcement Action:
Site ID: 307486
Site Name: Almetco Inc.
Site Address: 1733 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95407
Enf Action Date: 11-04-1986
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

AD182 **ALMETCO** **SEMS-ARCHIVE** **1000707592**
WSW **1733 SEBASTOPOL ROAD** **LUST** **CAD983644956**
1/4-1/2 **SANTA ROSA, CA 95407**
0.466 mi.
2462 ft. **Site 3 of 4 in cluster AD**

Relative:
Lower

Actual:
131 ft.

SEMS Archive:

Site ID:	0904536
EPA ID:	CAD983644956
Cong District:	01
FIPS Code:	06097
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0904536
EPA ID:	CAD983644956
Site Name:	ALMETCO
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1992-06-22 04:00:00
Finish Date:	1992-06-22 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0904536
EPA ID:	CAD983644956
Site Name:	ALMETCO
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	1
Start Date:	2013-07-01 05:00:00
Finish Date:	2014-05-02 05:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0904536
EPA ID:	CAD983644956
Site Name:	ALMETCO
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1994-09-29 04:00:00
Finish Date:	1994-09-29 04:00:00
Qual:	H
Current Action Lead:	St Perf

ALMETCO (Continued) **1000707592**

Region: 09
Site ID: 0904536
EPA ID: CAD983644956
Site Name: ALMETCO
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1994-09-01 04:00:00
Finish Date: 1995-09-27 04:00:00
Qual: L
Current Action Lead: St Perf

LUST REG 1:
Region: 1
Facility ID: 1TSO463
Staff Initials: SKB

AD183 **PHOENIX WINDOWS** **CA FID UST** **S101595352**
WSW **1733 SEBASTOPOL** **Cortese** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407** **CUPA Listings**
0.466 mi. **ENF**
2462 ft. **Site 4 of 4 in cluster AD**

Relative:
Lower

Actual:
131 ft.

CA FID UST:
Facility ID: 49000858
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95407
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: ALMETCO INC.
Address: 1733 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported

PHOENIX WINDOWS (Continued) **S101595352**

Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	01/01/1986
Region 2:	1
WID Id:	1B1S0463NUG
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

CUPA SONOMA:

Name:	ICON DESIGN AND DISPLAY
Add1:	1733 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-007277
Permit:	Not reported
Type:	Hazardous Waste
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	SQG Recyclable - < 5 galllons/month (non-exempt)
CERS ID:	10111381
Experation Date:	04/18/2015

Name:	ICON DESIGN AND DISPLAY
Add1:	1733 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49-000-007277
Permit:	Not reported
Type:	HMBP
HMBP:	Not reported
UST:	Not reported
HWG:	Not reported
calarp:	Not reported
AST:	Not reported
HW Treatment:	Not reported
Fee Schedule:	Range 3
CERS ID:	10111381
Experation Date:	04/18/2015

ENF:

Name:	ALMETCO INC.
Address:	1733 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	205214
Agency Name:	Almetco Inc.
Place Type:	Service/Commercial

PHOENIX WINDOWS (Continued) **S101595352**

Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	38.427367
Place Longitude:	-122.738955
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	1B1S0463NUG
Reg Measure Id:	155939
Reg Measure Type:	Unregulated
Region:	1
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	04/02/2013
Effective Date:	01/01/1986
Expiration/Review Date:	Not reported
Termination Date:	09/19/2005
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

PHOENIX WINDOWS (Continued) **S101595352**

Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	222248
Region:	1
Order / Resolution Number:	86-195
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	11/04/1986
Adoption/Issuance Date:	11/04/1986
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 1B1S0463NUG Almetco Inc.
Description:	NO COMMENTS.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

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184 **WEST AVENUE MERCURY** **SEMS** **1012210104**
SSE **1363 WEST AVENUE** **CAN000908799**
1/4-1/2 **SANTA ROSA, CA**
0.475 mi.
2508 ft.

Relative: **Lower**

Actual: **134 ft.**

SEMS:

Site ID:	0908799
EPA ID:	CAN000908799
Cong District:	Not reported
FIPS Code:	06097
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

Region:	09
Site ID:	0908799
EPA ID:	CAN000908799
Site Name:	WEST AVENUE MERCURY
NPL:	N
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	2010-01-13 05:00:00
Finish Date:	1/18/2010 5:00:00 AM
Qual:	C
Current Action Lead:	EPA Perf

AE185 **ALLEFAX** **LUST** **S103393094**
East **1 SEBASTOPOL AVENUE** **ENF** **N/A**
1/4-1/2 **SANTA ROSA, CA 95407** **HIST CORTESE**
0.479 mi. **Notify 65**
2530 ft. **Site 2 of 3 in cluster AE** **CERS**

Relative:
Higher

Actual:
152 ft.

LUST:

Name:	ALLEFAX
Address:	1 SEBASTOPOL AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700760
Global Id:	T0609700760
Latitude:	38.432200016
Longitude:	-122.7208534
Status:	Completed - Case Closed
Status Date:	04/18/2014
Case Worker:	ZZZ
RB Case Number:	1TSR342
Local Agency:	SANTA ROSA, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Problem Description: In July 1998, petroleum discharges to soil and groundwater were discovered following the removal of fuel underground storage tanks and product piping. Site investigations conducted in January 2001 confirmed petroleum impacts in soil and groundwater. Actions Completed: - In November 2005, limited over-excavation of contaminated soil was completed at one of the former tank locations. - Between January 2001 and June 2013, investigators advanced thirty-one exploratory borings, two Cone Penetrometer Test borings, and installed seven groundwater monitoring wells to define the extent of contamination in soil and groundwater. - Site investigators conducted periodic groundwater monitoring and reporting from January 2005 through May 2012. Assessment of Soil and Groundwater The results of soil sampling and analysis demonstrate that significant levels of petroleum contamination are not present in soil to a depth of ten feet below round surface. Periodic groundwater monitoring results demonstrate that the area of contamination in groundwater is stable or decreasing, and that the petroleum constituents remaining in groundwater do not present an unacceptable threat to human health. Soil and groundwater conditions at the site are consistent with the low-threat case closure criteria specified in the State Water Resources Control Boards Low-Threat Underground Storage Tank Case Closure Policy.

LUST:

Global Id:	T0609700760
Contact Type:	Local Agency Caseworker
Contact Name:	LOCAL PERMIT WORKER SANTA ROSA
Organization Name:	SANTA ROSA, CITY OF
Address:	625 5th Street
City:	SANTA ROSA
Email:	Not reported
Phone Number:	7075433500

Global Id:	T0609700760
Contact Type:	Regional Board Caseworker

ALLEFAX (Continued) **S103393094**

Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 01/27/2014
Action: Verbal Enforcement

Global Id: T0609700760
Action Type: RESPONSE
Date: 01/24/2008
Action: Other Workplan

Global Id: T0609700760
Action Type: RESPONSE
Date: 07/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 09/30/2008
Action: Soil and Water Investigation Report

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 10/27/2005
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 08/26/2005
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 09/11/1998
Action: Notification - Proposition 65

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 12/17/2002
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 02/18/2003
Action: Staff Letter

ALLEFAX (Continued) **S103393094**

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 12/24/2009
Action: File review

Global Id: T0609700760
Action Type: RESPONSE
Date: 10/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 03/30/2001
Action: Soil and Water Investigation Report

Global Id: T0609700760
Action Type: RESPONSE
Date: 08/16/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 01/08/2008
Action: Verbal Enforcement

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 07/25/2002
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 10/16/2002
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 03/01/2005
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 01/28/2011
Action: Verbal Enforcement

Global Id: T0609700760
Action Type: RESPONSE
Date: 03/12/2003
Action: Other Report / Document

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 07/13/2005
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT

ALLEFAX (Continued) **S103393094**

Date: 01/11/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 04/18/2014
Action: Closure/No Further Action Letter

Global Id: T0609700760
Action Type: Other
Date: 09/09/1998
Action: Leak Discovery

Global Id: T0609700760
Action Type: RESPONSE
Date: 07/15/2004
Action: Other Workplan

Global Id: T0609700760
Action Type: RESPONSE
Date: 08/15/2012
Action: CAP/RAP - Feasibility Study Report

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 06/28/2004
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 11/01/2004
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 07/01/2005
Action: * No Action

Global Id: T0609700760
Action Type: RESPONSE
Date: 08/13/2005
Action: Other Workplan

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 09/13/2006
Action: * No Action

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 07/20/2006
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 02/13/2007
Action: Verbal Enforcement

ALLEFAX (Continued) **S103393094**

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 07/08/2010
Action: Staff Letter

Global Id: T0609700760
Action Type: Other
Date: 09/09/1998
Action: Leak Stopped

Global Id: T0609700760
Action Type: RESPONSE
Date: 04/15/2005
Action: Soil and Water Investigation Report

Global Id: T0609700760
Action Type: RESPONSE
Date: 10/30/2005
Action: Other Workplan

Global Id: T0609700760
Action Type: RESPONSE
Date: 01/20/2006
Action: Other Report / Document

Global Id: T0609700760
Action Type: RESPONSE
Date: 10/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 05/21/2012
Action: Correspondence

Global Id: T0609700760
Action Type: RESPONSE
Date: 08/15/2012
Action: Conceptual Site Model

Global Id: T0609700760
Action Type: RESPONSE
Date: 07/31/2012
Action: Monitoring Report - Other

Global Id: T0609700760
Action Type: RESPONSE
Date: 08/21/2013
Action: Request for Closure - Regulator Responded

Global Id: T0609700760
Action Type: RESPONSE
Date: 02/07/2013
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0609700760
Action Type: RESPONSE

ALLEFAX (Continued) **S103393094**

Date: 12/08/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700760
Action Type: REMEDIATION
Date: 10/02/1998
Action: Excavation

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 04/24/2008
Action: File review

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 04/29/2008
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 08/05/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0609700760
Action Type: RESPONSE
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 01/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 07/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 10/02/2006
Action: Staff Letter

ALLEFAX (Continued) **S103393094**

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 03/13/2006
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 08/05/2013
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 04/20/2012
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 03/01/2013
Action: Staff Letter

Global Id: T0609700760
Action Type: Other
Date: 09/09/1998
Action: Leak Reported

Global Id: T0609700760
Action Type: RESPONSE
Date: 02/05/2006
Action: Soil and Water Investigation Report

Global Id: T0609700760
Action Type: RESPONSE
Date: 09/30/2006
Action: Other Report / Document

Global Id: T0609700760
Action Type: RESPONSE
Date: 07/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 07/31/2006
Action: Interim Remedial Action Plan

Global Id: T0609700760
Action Type: RESPONSE
Date: 01/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE

ALLEFAX (Continued) **S103393094**

Date: 02/14/2013
Action: Soil and Water Investigation Workplan

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 03/09/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 01/14/2013
Action: Staff Letter

Global Id: T0609700760
Action Type: RESPONSE
Date: 08/20/2013
Action: Correspondence

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 03/10/2009
Action: File review

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 11/08/2013
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 11/19/2013
Action: Staff Letter

Global Id: T0609700760
Action Type: ENFORCEMENT
Date: 05/31/2018
Action: File Review - Closure

Global Id: T0609700760
Action Type: RESPONSE
Date: 07/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700760
Action Type: RESPONSE
Date: 11/11/2002
Action: Preliminary Site Assessment Workplan

Global Id: T0609700760
Action Type: RESPONSE
Date: 04/11/2014
Action: Well Destruction Report

LUST:
Global Id: T0609700760
Status: Open - Case Begin Date
Status Date: 09/09/1998

ALLEFAX (Continued) **S103393094**

Global Id: T0609700760
Status: Open - Site Assessment
Status Date: 09/16/1998

Global Id: T0609700760
Status: Open - Site Assessment
Status Date: 03/30/2000

Global Id: T0609700760
Status: Open - Site Assessment
Status Date: 01/05/2001

Global Id: T0609700760
Status: Open - Eligible for Closure
Status Date: 07/31/2013

Global Id: T0609700760
Status: Completed - Case Closed
Status Date: 04/18/2014

LUST REG 1:
Region: 1
Facility ID: 1TSR342
Staff Initials: WTE

ENF:
Name: ALLEFAX
Address: 1 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95401
Region: 1
Facility Id: 205124
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 38.43225
Place Longitude: -122.72076
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported

ALLEFAX (Continued) **S103393094**

Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	224925
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	10/04/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/04/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR342NUG Allefax
Description:	Not reported
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0

ALLEFAX (Continued) **S103393094**

Liability $ Paid: 0
Project $ Completed: 0
Total $ Paid/Completed Amount: 0

HIST CORTESE:
edr_fname: ALLEFAX
edr_fadd1: 1 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95404
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR342

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

CERS:
Name: ALLEFAX
Address: 1 SEBASTOPOL
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 307445
CERS ID: 205124
CERS Description: Tanks & Ground Water Clean Up

Violations:
Site ID: 307445
Site Name: Allefax
Violation Date: 07-10-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT WORKPLAN PURSUANT TO LAM WATER CODE SECTION 13267 BY 7/8/99
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Enforcement Action:
Site ID: 307445
Site Name: Allefax
Site Address: 1 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 10-04-1999
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

ALLEFAX (Continued) **S103393094**

Name:	ALLEFAX
Address:	1 SEBASTOPOL AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Site ID:	236933
CERS ID:	T0609700760
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title:	Not reported
Affiliation Address:	625 5th Street
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075433500

186
SE
1/4-1/2
0.484 mi.
2555 ft.

ATRIUM COURT **CPS-SLIC S105051086**
1260 DUTTON AVENUE, NORTH **CERS N/A**
SANTA ROSA, CA 95401

Relative:
Lower

Actual:
138 ft.

CPS-SLIC:

Name:	ATRIUM COURT
Address:	1260 DUTTON AVENUE, NORTH
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/11/1993
Global Id:	T0609793318
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4493856007055
Longitude:	-122.731836140156
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	SONOMA COUNTY
RB Case Number:	1NSR246
File Location:	Regional Board
Potential Media Affected:	Soil
Potential Contaminants of Concern:	* Metals/Heavy Metals, * Volatile Organic Compounds (VOC)
Site History:	Not reported

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

ATRIUM COURT (Continued) **S105051086**

SLIC REG 1:
Region: 1
Facility ID: 1NSR246
Staff Initials: Facility Closed

CERS:
Name: ATRIUM COURT
Address: 1260 DUTTON AVENUE, NORTH
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 238871
CERS ID: T0609793318
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AF187 **SRDPW THIRD STREET** **LUST S101305012**
NE **THIRD STREET** **CERS N/A**
1/4-1/2 **SANTA ROSA, CA 95401**
0.488 mi.
2575 ft. **Site 1 of 3 in cluster AF**

Relative:
Higher

Actual:
154 ft.

LUST REG 1:
Region: 1
Facility ID: 1TSR198
Staff Initials: JEF

CERS:
Name: SRDPW THIRD STREET
Address: THIRD STREET
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 207336
CERS ID: T0609700677
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)

SRDPW THIRD STREET (Continued) **S101305012**

Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

AF188 **SRDPW, THIRD STREET** **LUST** **S110655646**
NE **THIRD STREET** **Cortese** **N/A**
1/4-1/2 **SANTA ROSA, CA 95404** **ENF**
0.488 mi.
2575 ft. **Site 2 of 3 in cluster AF**

Relative:
Higher

Actual:
154 ft.

LUST:

Name:	SRDPW THIRD STREET
Address:	THIRD STREET
City,State,Zip:	SANTA ROSA, CA 95401
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700677
Global Id:	T0609700677
Latitude:	38.4350501
Longitude:	-122.7228244
Status:	Completed - Case Closed
Status Date:	01/13/2014
Case Worker:	ZZZ
RB Case Number:	1TSR198
Local Agency:	SANTA ROSA, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0609700677
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	craig.hunt@waterboards.ca.gov
Phone Number:	7075762220

LUST:

Global Id:	T0609700677
Action Type:	RESPONSE
Date:	11/06/2014
Action:	Well Destruction Report
Global Id:	T0609700677
Action Type:	ENFORCEMENT
Date:	09/19/1991
Action:	* Historical Enforcement
Global Id:	T0609700677

SRDPW, THIRD STREET (Continued) **S110655646**

Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Staff Letter

Global Id: T0609700677
Action Type: ENFORCEMENT
Date: 05/14/2004
Action: Clean-up and Abatement Order

Global Id: T0609700677
Action Type: ENFORCEMENT
Date: 01/13/2014
Action: Closure/No Further Action Letter

Global Id: T0609700677
Action Type: ENFORCEMENT
Date: 06/08/2005
Action: Notice of Violation

Global Id: T0609700677
Action Type: ENFORCEMENT
Date: 01/27/2014
Action: Staff Letter

Global Id: T0609700677
Action Type: Other
Date: 09/19/1991
Action: Leak Discovery

Global Id: T0609700677
Action Type: RESPONSE
Date: 07/08/2005
Action: Soil and Water Investigation Workplan

Global Id: T0609700677
Action Type: ENFORCEMENT
Date: 05/12/2011
Action: File review

Global Id: T0609700677
Action Type: Other
Date: 09/19/1991
Action: Leak Stopped

Global Id: T0609700677
Action Type: RESPONSE
Date: 08/08/2005
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700677
Action Type: RESPONSE
Date: 08/28/2014
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700677
Action Type: ENFORCEMENT
Date: 10/29/2013

SRDPW, THIRD STREET (Continued) **S110655646**

Action: Staff Letter

Global Id: T0609700677
Action Type: Other
Date: 09/19/1991
Action: Leak Reported

Global Id: T0609700677
Action Type: ENFORCEMENT
Date: 06/21/2013
Action: Verbal Enforcement

Global Id: T0609700677
Action Type: ENFORCEMENT
Date: 06/08/2012
Action: Verbal Enforcement

LUST:
Global Id: T0609700677
Status: Open - Case Begin Date
Status Date: 09/19/1991

Global Id: T0609700677
Status: Open - Site Assessment
Status Date: 09/19/1991

Global Id: T0609700677
Status: Open - Site Assessment
Status Date: 07/22/1997

Global Id: T0609700677
Status: Open - Site Assessment
Status Date: 08/18/1997

Global Id: T0609700677
Status: Open - Site Assessment
Status Date: 05/31/2001

Global Id: T0609700677
Status: Open - Site Assessment
Status Date: 07/08/2005

Global Id: T0609700677
Status: Open - Eligible for Closure
Status Date: 10/14/2013

Global Id: T0609700677
Status: Completed - Case Closed
Status Date: 01/13/2014

CORTESE:
Name: SRDPW, THIRD STREET
Address: THIRD STREET
City,State,Zip: SANTA ROSA, CA 95404
Region: CORTESE

SRDPW, THIRD STREET (Continued) **S110655646**

Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	CORTESE
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	1
WID Id:	1B04057CNSO
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name:	SRDPW, THIRD STREET
Address:	THIRD STREET
City,State,Zip:	SANTA ROSA, CA 95404
Region:	1
Facility Id:	258303
Agency Name:	Santa Rosa City Dept of Public Works
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	City Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported

SRDPW, THIRD STREET (Continued) **S110655646**

Program:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	1B04057CNSO
Reg Measure Id:	172919
Reg Measure Type:	Unregulated
Region:	1
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	04/20/2012
Effective Date:	05/01/2004
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	252340
Region:	1
Order / Resolution Number:	R1-2004-0043
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	05/14/2004
Adoption/Issuance Date:	05/14/2004
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 1B04057CNSO SRDPW, Third Street
Description:	CAO to cleanup damage caused over the years.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

AF189 **SQUARE DEAL AUTO WRECKING** **ENVIROSTOR** **S101482590**
NE **214 ROBERT AVENUE** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401**
0.491 mi.
2591 ft. **Site 3 of 3 in cluster AF**

Relative:
Higher

Actual:
154 ft.

ENVIROSTOR:

Name:	SQUARE DEAL AUTO WRECKING
Address:	214 ROBERT AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Facility ID:	49500005
Status:	Refer: RWQCB
Status Date:	10/08/1993
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	10
Senate:	02
Special Program:	* Rural County Survey Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.43458
Longitude:	-122.7225
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	49500005
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	03/04/1988
Comments:	FACILITY IDENTIFIED POLK DIR 1958
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	04/22/1988
Comments:	SITE SCREENING DONE AUTO DISMANTLER
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

SQUARE DEAL AUTO WRECKING (Continued) **S101482590**

Schedule Revised Date: Not reported

AE190 **POINT ST. GEORGE FISHERIE** **ENVIROSTOR** **1000321786**
East **8 SEBASTOPOL** **LUST** **N/A**
1/4-1/2 **SANTA ROSA, CA 95401** **CPS-SLIC**
0.492 mi. **VCP**
2599 ft. **Site 3 of 3 in cluster AE** **SWEEPS UST**
HIST UST
Relative: **CA FID UST**
Higher **ENF**
HIST CORTESE
Actual: **CERS**
152 ft.

ENVIROSTOR:

Name:	FORMER POINT ST. GEORGE FISHERIES
Address:	8 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49200002
Status:	Refer: RWQCB
Status Date:	01/31/2003
Site Code:	201368
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP, RWQCB 1 - North Coast
Lead Agency:	RWQCB 1 - North Coast
Program Manager:	Not reported
Supervisor:	Barbara Cook
Division Branch:	Cleanup Berkeley
Assembly:	10
Senate:	02
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	38.43138
Longitude:	-122.7219
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - OTHER
Potential COC:	TPH-gas 1,2-Dichloroethylene (cis
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	POINT ST. GEORGE FISHERIES
Alias Type:	Alternate Name
Alias Name:	110033614603
Alias Type:	EPA (FRS #)
Alias Name:	201368
Alias Type:	Project Code (Site Code)
Alias Name:	49200002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	02/23/2001
Comments:	Signed VCA to oversee risk assessment phase.

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/23/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 01/09/2003
Comments: Sent letter to Water Board finding risk assessment acceptable for use and recommended additional response actions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/25/1988
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

LUST:
Name: POINT ST GEORGE FISHERIES
Address: 8 SEBASTOPOL AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700542
Global Id: T0609700542
Latitude: 38.431487746
Longitude: -122.7204013
Status: Completed - Case Closed
Status Date: 12/13/2013
Case Worker: ZZZ
RB Case Number: 1TSR019
Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: The Site development began in 1904, and historical operations at the Site have largely been related to the processing and transporting of fish products. As part of these operations, fish products were stored at the Cold Storage Building with refrigeration supplied from power derived from the adjacent Engine Room and UST3. The Point St. George Fisheries facility closed in 1993 and removal of equipment and demolition of the process buildings were completed in 2000. The Site is currently being redeveloped into approximately 110 two-story houses with associated streets, utilities, paved and landscaped areas

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Investigation and remedial activities commenced at the Site in 1985: In 1997, BSK Associates (BSK) removed the two tanks and soil to a depth of 15 feet below ground surface (bgs) and approximately 3 feet outward from the sides of the tanks. Petroleum hydrocarbons were detected in confirmation soil samples along the western and southern walls of the excavation. In October 1999, approximately 2773 tons of petroleum-impacted soil were excavated from the western property boundary in the vicinity of the former UST3 (Former Engine Room Excavation) and removed for offsite disposal Demolition of the operation buildings and offices was completed in January 2000. In December 2000 and January 2001, approximately 2,153 tons of petroleum-impacted soil were excavated and removed for off-site disposal. Between March and July 2004, approximately 1860 cubic yards (approximately 2325 tons) of petroleum-impacted soil were excavated and removed for off-site disposal. Demolition of a dry goods warehouse, paved driveways, and concrete foundations of the former buildings was completed in 2005. Between 1996 and 2009, the responsible party installed thirty monitoring wells and collected samples from thirty-four exploratory borings to define the extent of groundwater contamination Petroleum hydrocarbons remain in soil at depths deeper than eight feet below ground surface beneath some areas of the site. Contaminated soil has been removed to the extent feasible. Petroleum hydrocarbons remain in groundwater beneath the site. Periodic groundwater monitoring demonstrates that the area of groundwater contamination is stable or decreasing. An environmental covenant will be recorded to prohibit groundwater extraction and will establish specific requirements excavating in some areas of the Site. With the establishment of the environmental covenant restrictions, conditions at the Site are consistent with the closure criteria specified in the State Water Resources Control Boards Low-Threat Underground Storage Tank Case Closure Policy.

LUST:

Global Id:	T0609700542
Contact Type:	Local Agency Caseworker
Contact Name:	LOCAL PERMIT WORKER SANTA ROSA
Organization Name:	SANTA ROSA, CITY OF
Address:	625 5th Street
City:	SANTA ROSA
Email:	Not reported
Phone Number:	7075433500

Global Id:	T0609700542
Contact Type:	Regional Board Caseworker
Contact Name:	REGIONAL WATER BOARD SITE CLOSED
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	craig.hunt@waterboards.ca.gov
Phone Number:	7075762220

LUST:

Global Id:	T0609700542
Action Type:	ENFORCEMENT
Date:	07/21/2009
Action:	Staff Letter

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: File review

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 12/13/2013
Action: Closure/No Further Action Letter

Global Id: T0609700542
Action Type: RESPONSE
Date: 10/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 01/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 01/31/2009
Action: Correspondence

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 11/17/2000
Action: * Historical Enforcement

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 08/17/2001
Action: Staff Letter

Global Id: T0609700542
Action Type: RESPONSE
Date: 07/31/2010
Action: Soil and Water Investigation Report

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 11/10/2005
Action: * Verbal Communication

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 04/14/2003
Action: * No Action

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 07/15/2002
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Date: 04/03/2003
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 03/09/2010
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 06/07/2010
Action: Verbal Enforcement

Global Id: T0609700542
Action Type: Other
Date: 08/24/1987
Action: Leak Discovery

Global Id: T0609700542
Action Type: RESPONSE
Date: 08/15/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700542
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 04/19/2005
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 01/27/2005
Action: Staff Letter

Global Id: T0609700542
Action Type: RESPONSE
Date: 10/30/2005
Action: Other Report / Document

Global Id: T0609700542
Action Type: RESPONSE
Date: 08/15/2010
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 11/30/2005
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 09/05/2006
Action: Staff Letter

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 06/20/2006
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 11/29/2004
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 10/13/2004
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 01/27/2005
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 06/17/2011
Action: Staff Letter

Global Id: T0609700542
Action Type: RESPONSE
Date: 07/08/2005
Action: Other Report / Document

Global Id: T0609700542
Action Type: RESPONSE
Date: 08/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 04/08/2005
Action: Other Workplan

Global Id: T0609700542
Action Type: RESPONSE
Date: 09/22/2004
Action: Correspondence

Global Id: T0609700542
Action Type: RESPONSE
Date: 06/28/2004
Action: Correspondence

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 06/13/2005
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Date: 06/22/2007
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 06/30/2010
Action: Verbal Enforcement

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 10/13/2004
Action: Notification - Public Participation Document

Global Id: T0609700542
Action Type: Other
Date: 08/24/1987
Action: Leak Stopped

Global Id: T0609700542
Action Type: RESPONSE
Date: 03/09/2005
Action: Other Workplan

Global Id: T0609700542
Action Type: RESPONSE
Date: 11/30/2005
Action: Other Workplan

Global Id: T0609700542
Action Type: RESPONSE
Date: 03/20/2012
Action: Soil and Water Investigation Workplan

Global Id: T0609700542
Action Type: RESPONSE
Date: 08/20/2013
Action: Correspondence - Regulator Responded

Global Id: T0609700542
Action Type: RESPONSE
Date: 04/05/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700542
Action Type: REMEDIATION
Date: 10/01/1999
Action: Excavation

Global Id: T0609700542
Action Type: REMEDIATION
Date: 12/01/2000
Action: Excavation

Global Id: T0609700542
Action Type: REMEDIATION
Date: 03/01/2004
Action: Excavation

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 07/01/2007
Action: * No Action

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 04/09/2012
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 04/09/2012
Action: Staff Letter

Global Id: T0609700542
Action Type: RESPONSE
Date: 07/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 08/30/2005
Action: Unknown

Global Id: T0609700542
Action Type: RESPONSE
Date: 08/30/2005
Action: Soil and Water Investigation Report

Global Id: T0609700542
Action Type: RESPONSE
Date: 10/31/2006
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 11/30/2005
Action: Other Report / Document

Global Id: T0609700542
Action Type: RESPONSE
Date: 10/30/2005
Action: Soil and Water Investigation Report

Global Id: T0609700542
Action Type: RESPONSE
Date: 12/15/2006
Action: Other Report / Document

Global Id: T0609700542
Action Type: RESPONSE
Date: 10/31/2006
Action: Electronic Reporting Submittal Due

Global Id: T0609700542
Action Type: RESPONSE

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Date: 10/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 03/30/2006
Action: Electronic Reporting Submittal Due

Global Id: T0609700542
Action Type: RESPONSE
Date: 08/15/2012
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 09/06/2013
Action: Rescission of Enforcement Action

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 10/23/2013
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 06/21/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700542
Action Type: Other
Date: 08/24/1987
Action: Leak Reported

Global Id: T0609700542
Action Type: RESPONSE
Date: 09/30/2006
Action: Other Report / Document

Global Id: T0609700542
Action Type: RESPONSE
Date: 01/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 09/03/2013
Action: Correspondence

Global Id: T0609700542
Action Type: RESPONSE
Date: 07/24/2013
Action: Other Report / Document

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 02/28/2006
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 01/25/2008
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 04/18/2013
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 01/04/2013
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 08/07/2013
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 08/07/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0609700542
Action Type: RESPONSE
Date: 07/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 01/31/2008
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 02/28/2007
Action: Other Report / Document

Global Id: T0609700542
Action Type: RESPONSE
Date: 11/18/2013
Action: Other Report / Document

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 06/16/2006
Action: Verbal Communication

Global Id: T0609700542
Action Type: ENFORCEMENT

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Date: 12/30/2008
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 09/13/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 09/13/2013
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 06/25/2012
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 09/06/2013
Action: Staff Letter

Global Id: T0609700542
Action Type: ENFORCEMENT
Date: 10/28/2013
Action: Staff Letter

Global Id: T0609700542
Action Type: RESPONSE
Date: 10/09/2008
Action: Other Report / Document

Global Id: T0609700542
Action Type: RESPONSE
Date: 12/31/2008
Action: Other Workplan

Global Id: T0609700542
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700542
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0609700542
Action Type: RESPONSE
Date: 12/30/2005
Action: Well Installation Report

LUST:
Global Id: T0609700542
Status: Open - Case Begin Date
Status Date: 04/01/1987

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Global Id: T0609700542
Status: Open - Site Assessment
Status Date: 04/01/1987

Global Id: T0609700542
Status: Open - Site Assessment
Status Date: 09/23/1987

Global Id: T0609700542
Status: Open - Site Assessment
Status Date: 12/12/2000

Global Id: T0609700542
Status: Open - Remediation
Status Date: 04/08/2003

Global Id: T0609700542
Status: Open - Site Assessment
Status Date: 06/08/2005

Global Id: T0609700542
Status: Open - Eligible for Closure
Status Date: 05/10/2013

Global Id: T0609700542
Status: Completed - Case Closed
Status Date: 12/13/2013

LUST REG 1:
Region: 1
Facility ID: 1TSR019
Staff Initials: WTE

CPS-SLIC:
Name: POINT ST GEORGE FISHERIES
Address: 8 SEBASTOPOL AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 12/13/2013
Global Id: T0609791311
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.431479
Longitude: -122.720914
Case Type: Cleanup Program Site
Case Worker: ZZZ
Local Agency: SANTA ROSA, CITY OF
RB Case Number: 1NSR019
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Documents realted to this site investigation and cleanup arearchived and accesible for review at the GeoTracker case identified as Case Number 1TSR 019, at the URL:

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

http://geotracker.waterboards.ca.gov/profile_report.asp?global_id= T0609700542 The Site development began in 1904, and historical operations at the Site have largely been related to the processing and transporting of fish products. As part of these operations, fish products were stored at the Cold Storage Building with refrigeration supplied from power derived from the adjacent Engine Room and UST3. The Point St. George Fisheries facility closed in 1993 and removal of equipment and demolition of the process buildings were completed in 2000. The Site is currently being redeveloped into approximately 110 two-story houses with associated streets, utilities, paved and landscaped areas Investigation and remedial activities commenced at the Site in 1985: In 1997, BSK Associates (BSK) removed the two tanks and soil to a depth of 15 feet below ground surface (bgs) and approximately 3 feet outward from the sides of the tanks. Petroleum hydrocarbons were detected in confirmation soil samples along the western and southern walls of the excavation. In October 1999, approximately 2773 tons of petroleum-impacted soil were excavated from the western property boundary in the vicinity of the former UST3 (Former Engine Room Excavation) and removed for offsite disposal Demolition of the operation buildings and offices was completed in January 2000. In December 2000 and January 2001, approximately 2,153 tons of petroleum-impacted soil were excavated and removed for off-site disposal. Between March and July 2004, approximately 1860 cubic yards (approximately 2325 tons) of petroleum-impacted soil were excavated and removed for off-site disposal. Demolition of a dry goods warehouse, paved driveways, and concrete foundations of the former buildings was completed in 2005. Between 1996 and 2009, the responsible party installed thirty monitoring wells and collected samples from thirty-four exploratory borings to define the extent of groundwater contamination Petroleum hydrocarbons remain in soil at depths deeper than eight feet below ground surface beneath some areas of the site. Contaminated soil has been removed to the extent feasible. Petroleum hydrocarbons remain in groundwater beneath the site. Periodic groundwater monitoring demonstrates that the area of groundwater contamination is stable or decreasing. An environmental covenant will be recorded to prohibit groundwater extraction and will establish specific requirements excavating in some areas of the Site. With the establishment of the environmental covenant restrictions, conditions at the Site are consistent with the cleanup and mitigation requirements for case closure.

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

SLIC REG 1:
Region: 1
Facility ID: 1NSR019
Staff Initials: WTE

VCP:
Name: FORMER POINT ST. GEORGE FISHERIES
Address: 8 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49200002
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Acres:	Not reported
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, RWQCB 1 - North Coast
Lead Agency:	RWQCB 1 - North Coast
Lead Agency Description:	RWQCB 1 - North Coast
Project Manager:	Not reported
Supervisor:	Barbara Cook
Division Branch:	Cleanup Berkeley
Site Code:	201368
Assembly:	10
Senate:	02
Special Programs Code:	Voluntary Cleanup Program
Status:	Refer: RWQCB
Status Date:	01/31/2003
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	38.43138 / -122.7219
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - OTHER
Potential COC:	30025, 30195
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	POINT ST. GEORGE FISHERIES
Alias Type:	Alternate Name
Alias Name:	110033614603
Alias Type:	EPA (FRS #)
Alias Name:	201368
Alias Type:	Project Code (Site Code)
Alias Name:	49200002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	02/23/2001
Comments:	Signed VCA to oversee risk assessment phase.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	02/23/1988
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Consultation
Completed Date:	01/09/2003
Comments:	Sent letter to Water Board finding risk assessment acceptable for use and recommended additional response actions.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	04/25/1988
Comments:	Not reported
Future Area Name:	Not reported

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

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

SWEEPS UST:
Name: POINT ST. GEORGE FISHERIES
Address: 8 SEBASTOPOL AVE
City: SANTA ROSA
Status: Active
Comp Number: 30986
Number: 9
Board Of Equalization: 44-028249
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-030986-000001
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Name: POINT ST. GEORGE FISHERIES
Address: 8 SEBASTOPOL AVE
City: SANTA ROSA
Status: Active
Comp Number: 30986
Number: 9
Board Of Equalization: 44-028249
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-030986-000002
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

HIST UST:
Name: POINT ST GEORGE FISHERIES
Address: 8 SEBASTOPOL AVE
City,State,Zip: SANTA ROSA, CA 95401
File Number: 00021658
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021658.pdf

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Region:	STATE
Facility ID:	00000030986
Facility Type:	Other
Other Type:	SEAFOOD PROCESSING
Contact Name:	TONY DELIMA
Telephone:	7075429490
Owner Name:	ROBERT J. BUGATTO
Owner Address:	P.O. BOX 2028
Owner City,St,Zip:	SAN FRANCISCO, CA
Total Tanks:	0002

Tank Num:	001
Container Num:	1
Year Installed:	1980
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:	2
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	49000096
Regulated By:	UTNKA
Regulated ID:	00030986
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7075429490
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SANTA ROSA 95401
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

ENF:

Name:	POINT SAINT GEORGE FISHERIES
Address:	8 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	1
Facility Id:	248800

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Agency Name:	Not reported
Place Type:	All Other
Place Subtype:	Spill Site
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.43153
Place Longitude:	-122.72132
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	155925
Region:	1
Order / Resolution Number:	85-087
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	05/28/1985
Adoption/Issuance Date:	05/28/1985
Achieve Date:	Not reported
Termination Date:	09/06/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	1B870150NSL Point Saint George Fisheries
Description:	Not reported
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	POINT ST. GEORGE FISHERIE
edr_fadd1:	8 SEBASTOPOL
City,State,Zip:	SANTA ROSA, CA 95401
Region:	CORTESE
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSR019

CERS:

Name:	POINT ST GEORGE FISHERIES
Address:	8 SEBASTOPOL AVENUE
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	247037
CERS ID:	T0609791311
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title:	Not reported
Affiliation Address:	625 5th Street
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075433500

Affiliation Type Desc:	Regional Board Caseworker

POINT ST. GEORGE FISHERIE (Continued) **1000321786**

Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Name: POINT ST GEORGE FISHERIES
Address: 8 SEBASTOPOL AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 247037
CERS ID: T0609700542
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075433500

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

191
SE
1/4-1/2
0.498 mi.
2630 ft.

SANTA ROSA CIRCUITS **ENVIROSTOR** **1000395378**
35 AND 48 WEST BARHAM AVENUE **N/A**
SANTA ROSA, CA 95407

Relative:
Higher

Actual:
144 ft.

ENVIROSTOR:
Name: SANTA ROSA CIRCUITS
Address: 35 AND 48 WEST BARHAM AVENUE
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 49360001
Status: Refer: RWQCB
Status Date: 03/25/2008
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP

SANTA ROSA CIRCUITS (Continued) **1000395378**

Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 38.42629
Longitude: -122.7220
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * OTHER INORGANIC SOLID WASTE
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 49360001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/18/1987
Comments: FACILITY IDENTIFIED INFO ACQUIRED FROM DHS FILES. SITE SCREENING DONE MORE INFO NEEDED TO DETERMINE THE HAZARD POTENTIAL. CONTACT: EILEEN KORTAS FIRE DEPT.,955 SONOMA AVE., SANTA ROSA, CA. (707) 576-5311.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/18/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/25/2008
Comments: Soil cleanup was conducted and approved by the the Santa Rosa Fire Department and the North Coast Water Board on March 23 and March 30, 2005 respectively. Soil was contaminated with motor oil and lead. Groundwater results for volatile organic compounds and selected metals were below the Maximum Contaminant Levels (MCLs).

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

192
WSW
1/2-1
0.534 mi.
2820 ft.

Relative:
Lower

Actual:
128 ft.

ACME AUTO WRECKERS, INC.
1885 SEBASTOPOL ROAD
SANTA ROSA, CA 95401

ENVIROSTOR
CPS-SLIC
ENF
HIST CORTESE
NPDES
WDS
CIWQS
CERS

S100183332
N/A

ENVIROSTOR:

Name:	ACME AUTO WRECKERS, INC
Address:	1885 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95401
Facility ID:	49500002
Status:	Refer: RWQCB
Status Date:	09/27/1993
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	10
Senate:	02
Special Program:	* Rural County Survey Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.42754
Longitude:	-122.7398
APN:	125-071-015
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	125-071-015
Alias Type:	APN
Alias Name:	49500002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	02/09/1988
Comments:	FACILITY IDENTIFIED IND DIR 1965, RWQCB/PROP65 AUTO WASTES DISCH TO GROUND
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	04/22/1988
Comments:	SITE SCREENING DONE POSS ONSITE CONTAM
Future Area Name:	Not reported
Future Sub Area Name:	Not reported

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

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

CPS-SLIC:

Name:	ACME AUTO WRECKERS INC.
Address:	1885 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/27/2014
Global Id:	T0609793206
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.4281769447897
Longitude:	-122.73996591568
Case Type:	Cleanup Program Site
Case Worker:	TNM
Local Agency:	SONOMA COUNTY
RB Case Number:	1NSR126
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Lead, MTBE / TBA / Other Fuel Oxygenates
Site History:	Since the mid 1980's the property has been used as a salvage yard for discarded vehicles. Several phases of soil and groundwater investigation have been performed at the site between 1992 and 2009. No further cleanup of petroleum impacted groundwater has been required since 2014. Full closure of the environmental case will not be complete until current site use changes and soil impacts are fully characterized and remediated. Compliance with the industrial storm water program is required.

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

ENF:

Name:	ACME AUTO WRECKERS, INC.
Address:	1885 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	204379
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42832
Place Longitude:	-122.73998
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221014
Region:	1
Order / Resolution Number:	LT960322
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	03/22/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	03/22/1996

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR126NUG Acme Auto Wreckers, Inc.
Description:	REQUESTING SUBMITTAL OF STATUS REPORT.
Program:	SLIC
Latest Milestone Completion Date:	1998-07-22
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ACME AUTO WRECKERS, INC.
Address:	1885 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	204379
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42832
Place Longitude:	-122.73998
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	220951
Region:	1
Order / Resolution Number:	92-124
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	09/21/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/14/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR126NUG Acme Auto Wreckers, Inc.
Description:	CAO REQUIRES INVESTIGATION OF SOIL & GW CONTAMINATION. ORDER ISSUED TO ENSURE PROMPT & COMPLETE INVE
Program:	SLIC
Latest Milestone Completion Date:	1998-07-22
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ACME AUTO WRECKERS, INC.
Address:	1885 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	204379
Agency Name:	Not reported
Place Type:	Service/Commercial

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42832
Place Longitude:	-122.73998
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219659
Region:	1
Order / Resolution Number:	LT960715
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/15/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/15/1996
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR126NUG Acme Auto Wreckers, Inc.
Description:	REQUESTING SUBMITTAL OF PLANS AND SCHEDULE FOR COMPLIANCE WITH STORMWATER PERMIT.
Program:	SLIC
Latest Milestone Completion Date:	1998-07-22
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ACME AUTO WRECKERS, INC.
Address:	1885 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	204379
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42832
Place Longitude:	-122.73998
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	225755
Region:	1
Order / Resolution Number:	97-033
Enforcement Action Type:	Admin Civil Liability
Effective Date:	05/21/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/14/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR126NUG Acme Auto Wreckers, Inc.
Description:	VIOLATIONS OF REGIONAL AND STATE WATER BOARD ORDERS.
Program:	SLIC
Latest Milestone Completion Date:	2003-05-14
# Of Programs1:	1
Total Assessment Amount:	50000
Initial Assessed Amount:	0
Liability $ Amount:	50000
Project $ Amount:	0
Liability $ Paid:	50000

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Project $ Completed:	0
Total $ Paid/Completed Amount:	50000
Name:	ACME AUTO WRECKERS, INC.
Address:	1885 SEBASTOPOL ROAD
City,State,Zip:	SANTA ROSA, CA 95401
Region:	1
Facility Id:	204379
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	38.42832
Place Longitude:	-122.73998
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	225701
Region:	1
Order / Resolution Number:	97-032
Enforcement Action Type:	Cease and Desist Order
Effective Date:	05/21/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/14/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1SR126NUG Acme Auto Wreckers, Inc.
Description:	CEASE & DESIST FROM THREATENING DISCHARGE IN VIOLATION OF 92-12 DWQ.
Program:	SLIC
Latest Milestone Completion Date:	1998-07-22
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	ACME AUTO WRECKERS, INC.
edr_fadd1:	1885 SEBASTOPOL
City,State,Zip:	SANTA ROSA, CA 95407
Region:	CORTESE
Facility County Code:	49
Reg By:	WBC&D
Reg Id:	1B1SR126NUG

NPDES:

Name:	ACME AUTO WRECKERS INC
Address:	1885 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Order Number:	Not reported
WDID:	1 49I003958
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	12/23/2015
Operator Name:	Michael J Marquis
Operator Address:	1885 Sebastopol Rd
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95407

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	178811
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 49I003958
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:	04/03/1992
Status:	Active
Status Date:	12/23/2015
Place Size:	2
Place Size Unit:	Acres
Contact:	Michael J Marquis
Contact Title:	Owner
Contact Phone:	707-545-9075
Contact Phone Ext:	Not reported
Contact Email:	acmesalvage@att.net
Operator Name:	Michael J Marquis
Operator Address:	1885 Sebastopol Rd
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95407
Operator Contact:	Micheal Marquis

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Operator Contact Title:	Owner
Operator Contact Phone:	707-545-9075
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	alohajake1@aol.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	707-545-9075
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:	N
Receiving Water Name:	Stony Point Seb Rd
Certifier:	Micheal Marquis
Certifier Title:	Owner
Certification Date:	03-AUG-15
Primary Sic:	5015-Motor Vehicle Parts, Used
Secondary Sic:	5093-Scrap and Waste Materials
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	178811
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 49I003958
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/03/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Michael J Marquis
Discharge Address:	1885 Sebastopol Rd
Discharge City:	Santa Rosa

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Discharge State:	California
Discharge Zip:	95407
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
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:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Tertiary Sic:	Not reported
Name:	ACME AUTO WRECKERS INC
Address:	1885 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Facility Status:	Active
NPDES Number:	CAS000001
Region:	1
Agency Number:	0
Regulatory Measure ID:	178811
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	1 49I003958
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/03/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1885 Sebastopol Rd
Discharge Name:	Michael J Marquis
Discharge City:	Santa Rosa
Discharge State:	California
Discharge Zip:	95407
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	178811
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 49I003958
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:	04/03/1992
Status:	Active
Status Date:	12/23/2015
Place Size:	2

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Place Size Unit:	Acres
Contact:	Michael J Marquis
Contact Title:	Owner
Contact Phone:	707-545-9075
Contact Phone Ext:	Not reported
Contact Email:	acmesalvage@att.net
Operator Name:	Michael J Marquis
Operator Address:	1885 Sebastopol Rd
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95407
Operator Contact:	Micheal Marquis
Operator Contact Title:	Owner
Operator Contact Phone:	707-545-9075
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	alohajake1@aol.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	707-545-9075
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:	N
Receiving Water Name:	Stony Point Seb Rd
Certifier:	Micheal Marquis
Certifier Title:	Owner
Certification Date:	03-AUG-15
Primary Sic:	5015-Motor Vehicle Parts, Used
Secondary Sic:	5093-Scrap and Waste Materials
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	178811

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 49I003958
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/03/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Michael J Marquis
Discharge Address:	1885 Sebastopol Rd
Discharge City:	Santa Rosa
Discharge State:	California
Discharge Zip:	95407
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
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:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	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

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

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:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	ACME AUTO WRECKERS INC.
Address:	1885 SEBASTOPOL RD
City:	SANTA ROSA
Facility ID:	1 49I003958
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:	MICHAEL J. MARQUIS
Agency Name:	ACME AUTO WRECKERS
Agency Address:	1885 SEBASTOPOL RD
Agency City,St,Zip:	SANTA ROSA 95407
Agency Contact:	MICHAEL J. MARQUIS
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	5015
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

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

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 thosewho 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.

CIWQS:

Name:	ACME AUTO WRECKERS INC
Address:	1885 SEBASTOPOL RD
City,State,Zip:	SANTA ROSA, CA 95407
Agency:	Michael J Marquis
Agency Address:	1885 Sebastopol Rd, Santa Rosa, CA 95407
Place/Project Type:	Industrial - Motor Vehicle Parts, Used
SIC/NAICS:	5015(+)
Region:	1
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	1 49I003958
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/03/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	2
Violations within 5 years:	1
Latitude:	38.427071
Longitude:	-122.740226

CERS:

Name:	ACME AUTO WRECKERS, INC.
Address:	1885 SEBASTOPOL
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	307083
CERS ID:	204379
CERS Description:	Tanks & Ground Water Clean Up

Violations:

Site ID:	307083
Site Name:	Acme Auto Wreckers, Inc.
Violation Date:	07-15-1996
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	DISCHARGE OF OIL TO GROUND SURFACE, IMPROPER STORAGE OF AUTO PARTS (BATTERIES, ENGINES, ETC.).
Violation Division:	Water Boards
Violation Program:	SLIC
Violation Source:	CIWQS

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Site ID: 307083
Site Name: Acme Auto Wreckers, Inc.
Violation Date: 07-15-1996
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT AND IMPLEMENT A SWPPP, FAILURE TO COMPLY WITH PROVISIONS OF STORMWATER PERMIT.
Violation Division: Water Boards
Violation Program: SLIC
Violation Source: CIWQS

Enforcement Action:
Site ID: 307083
Site Name: Acme Auto Wreckers, Inc.
Site Address: 1885 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 03-22-1996
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 307083
Site Name: Acme Auto Wreckers, Inc.
Site Address: 1885 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 05-21-1997
Enf Action Type: Administrative Enforcement with Penality
Enf Action Description: Administrative Enforcement with Civil Liability (Penality)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 307083
Site Name: Acme Auto Wreckers, Inc.
Site Address: 1885 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 05-21-1997
Enf Action Type: Cease and Desist Order
Enf Action Description: Cease and Desist Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 307083
Site Name: Acme Auto Wreckers, Inc.
Site Address: 1885 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 07-15-1996

ACME AUTO WRECKERS, INC. (Continued) **S100183332**

Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 307083
Site Name: Acme Auto Wreckers, Inc.
Site Address: 1885 SEBASTOPOL
Site City: SANTA ROSA
Site Zip: 95401
Enf Action Date: 09-21-1992
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Name: ACME AUTO WRECKERS INC.
Address: 1885 SEBASTOPOL ROAD
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 208455
CERS ID: T0609793206
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075433500

Affiliation Type Desc: Regional Board Caseworker
Entity Name: TOM MAGNEY - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762030

193
SSW
1/2-1
0.572 mi.
3018 ft.

NEW ROSELAND AREA ELEMENTARY SCHOOL
1683 BURBANK AVENUE
SANTA ROSA, CA 95407

ENVIROSTOR SCH **S107736874 N/A**

Relative: Lower

Actual: 124 ft.

ENVIROSTOR:

Name:	NEW ROSELAND AREA ELEMENTARY SCHOOL
Address:	1683 BURBANK AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	70000113
Status:	Active
Status Date:	08/03/2012
Site Code:	204162
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	11.4
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Jose Salcedo
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Assembly:	10
Senate:	02
Special Program:	Not reported
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	38.42215
Longitude:	-122.7354
APN:	125-321-001
Past Use:	AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
Potential COC:	Under Investigation Arsenic DDD DDE DDT Lead Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC:	Polynuclear aromatic hydrocarbons (PAHs 30022-NO Under Investigation 30027-NO 30001-NO 30006-NO 30007-NO 30008-NO Lead
Potential Description:	SED, SOIL, SV, SURFW
Alias Name:	New Burbank Elementary School
Alias Type:	Alternate Name
Alias Name:	Roseland Elementary School
Alias Type:	Alternate Name
Alias Name:	125-321-001
Alias Type:	APN
Alias Name:	New Burbank Elementary School
Alias Type:	Former Project ID
Alias Name:	110033611731
Alias Type:	EPA (FRS #)
Alias Name:	204162
Alias Type:	Project Code (Site Code)
Alias Name:	70000113
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	09/12/2005
Comments:	Not reported

NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued) **S107736874**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Partial Site Approval
Completed Date:	09/21/2007
Comments:	DTSC issued a partial site approval and approved CDE Form SFPD 4.15.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	School Cleanup Agreement
Completed Date:	09/05/2007
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	03/09/2009
Comments:	NOE for RAW approved.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	08/07/2013
Comments:	Signatory change on SCA.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	02/06/2008
Comments:	Site visit and agency meeting to discuss PAH issues in Roseland Creek. DTSC participants, M. Malinowski, N. Hutchison, D. Taylor. RWQCB participants, J. Short, C. Wright-Shacklett, C. Hunt. District representatives, Rosie Greco (District), I. Bennet and J. Granborg (District's school facilities consultants), R. Balas (District's environmental consultant).

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	08/22/2012
Comments:	DTSC reviewed the removal action documentation sent by Roseland School District and conducted a site visit on 8/21/2012 to confirm current site conditions. DTSC approved the school for occupancy pending completion of RAW activities and submittal and approval of a RACR.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	06/16/2006
Comments:	Approved the Workplan conditional on submital of a work notice.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/17/2007
Comments:	Not reported

NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued) **S107736874**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Workplan
Completed Date:	06/29/2007
Comments:	DTSC approved the SSI Workplan. Project manager gave verbal permission to District to implement SSI Workplan on 6/21/07.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	04/07/2008
Comments:	DTSC approved the SSI report with a further action determination for lead around the perimeters of two buildings and PAHs in sediments in Roseland Creek, next to Burbank Avenue.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	03/09/2009
Comments:	RAW approved for implementation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	4.15 Request
Completed Date:	09/21/2007
Comments:	4.15 Form and Partial Site Approval are uploaded under the "Partial Site Approval" activity.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	10/31/2008
Comments:	The DTSC public participation specialist sent the project manager a copy of the formatted Fact Sheet (minus the dates) for the Removal Action Workplan.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Community Profile
Completed Date:	08/29/2008
Comments:	PPS sent a PDF of the Final Community Profile.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	10/27/2008
Comments:	Final Public Notice completed and uploaded.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Removal Action Completion Report
Schedule Due Date:	10/30/2017
Schedule Revised Date:	Not reported

NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued) **S107736874**

SCH:

Name:	NEW ROSELAND AREA ELEMENTARY SCHOOL
Address:	1683 BURBANK AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	70000113
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	11.4
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Jose Salcedo
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Site Code:	204162
Assembly:	10
Senate:	02
Special Program Status:	Not reported
Status:	Active
Status Date:	08/03/2012
Restricted Use:	YES
Funding:	School District
Latitude:	38.42215
Longitude:	-122.7354
APN:	125-321-001
Past Use:	AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA
Potential COC:	Under Investigation, Arsenic, DDD, DDE, DDT, Lead, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Trichloroethylene (TCE
Confirmed COC:	Polynuclear aromatic hydrocarbons (PAHs, 30022-NO, Under Investigation, 30027-NO, 30001-NO, 30006-NO, 30007-NO, 30008-NO, Lead
Potential Description:	SED, SOIL, SV, SURFW
Alias Name:	New Burbank Elementary School
Alias Type:	Alternate Name
Alias Name:	Roseland Elementary School
Alias Type:	Alternate Name
Alias Name:	125-321-001
Alias Type:	APN
Alias Name:	New Burbank Elementary School
Alias Type:	Former Project ID
Alias Name:	110033611731
Alias Type:	EPA (FRS #)
Alias Name:	204162
Alias Type:	Project Code (Site Code)
Alias Name:	70000113
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	09/12/2005
Comments:	Not reported

NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued) **S107736874**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Partial Site Approval
Completed Date: 09/21/2007
Comments: DTSC issued a partial site approval and approved CDE Form SFPD 4.15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/05/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/09/2009
Comments: NOE for RAW approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/07/2013
Comments: Signatory change on SCA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/06/2008
Comments: Site visit and agency meeting to discuss PAH issues in Roseland Creek. DTSC participants, M. Malinowski, N. Hutchison, D. Taylor. RWQCB participants, J. Short, C. Wright-Shacklett, C. Hunt. District representatives, Rosie Greco (District), I. Bennet and J. Granborg (District's school facilities consultants), R. Balas (District's environmental consultant).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/22/2012
Comments: DTSC reviewed the removal action documentation sent by Roseland School District and conducted a site visit on 8/21/2012 to confirm current site conditions. DTSC approved the school for occupancy pending completion of RAW activities and submittal and approval of a RACR.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/16/2006
Comments: Approved the Workplan conditional on submital of a work notice.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/17/2007
Comments: Not reported

NEW ROSELAND AREA ELEMENTARY SCHOOL (Continued) **S107736874**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Workplan
Completed Date:	06/29/2007
Comments:	DTSC approved the SSI Workplan. Project manager gave verbal permission to District to implement SSI Workplan on 6/21/07.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	04/07/2008
Comments:	DTSC approved the SSI report with a further action determination for lead around the perimeters of two buildings and PAHs in sediments in Roseland Creek, next to Burbank Avenue.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	03/09/2009
Comments:	RAW approved for implementation.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	4.15 Request
Completed Date:	09/21/2007
Comments:	4.15 Form and Partial Site Approval are uploaded under the "Partial Site Approval" activity.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	10/31/2008
Comments:	The DTSC public participation specialist sent the project manager a copy of the formatted Fact Sheet (minus the dates) for the Removal Action Workplan.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Community Profile
Completed Date:	08/29/2008
Comments:	PPS sent a PDF of the Final Community Profile.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	10/27/2008
Comments:	Final Public Notice completed and uploaded.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Removal Action Completion Report
Schedule Due Date:	10/30/2017
Schedule Revised Date:	Not reported

AG194
SW
1/2-1
0.577 mi.
3046 ft.

ANDY BONDI
1834 ROSE AVENUE
SANTA ROSA, CA 93582

Site 1 of 2 in cluster AG

Relative:
Lower

Actual:
125 ft.

Notify 65 **S100179511**
N/A

NOTIFY 65:

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

AG195
SW
1/2-1
0.577 mi.
3046 ft.

ANDY BONDI
1834 ROSE AVENUE
SANTA ROSA, CA 93582

Site 2 of 2 in cluster AG

Relative:
Lower

Actual:
125 ft.

Notify 65 **S100179510**
N/A

NOTIFY 65:

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

196
ESE
1/2-1
0.617 mi.
3260 ft.

SANTA ROSA PLATING WORKS
80 BARHAM AVE
SANTA ROSA, CA 95407

Relative:
Higher

Actual:
146 ft.

ENVIROSTOR **S105754203**
N/A

ENVIROSTOR:

Name:	SANTA ROSA PLATING WORKS
Address:	80 BARHAM AVE
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49340003
Status:	No Further Action
Status Date:	01/07/2000
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Denise Tsuji
Division Branch:	Cleanup Berkeley
Assembly:	10
Senate:	02
Special Program:	* Rural County Survey Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED

SANTA ROSA PLATING WORKS (Continued) **S105754203**

Funding: Not reported
Latitude: 38.42628
Longitude: -122.7194
APN: 037-151-028
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 037-151-028
Alias Type: APN
Alias Name: 49340003
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/20/1988
Comments: FACILITY IDENTIFIED IND 1957

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/13/1988
Comments: SITE SCREENING DONE SIC CODE - FORMERLY LOCATED AT 1465 SANTA ROSA AVENUE

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

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197 **ROSELAND UNIVERSITY PREP CHARTER SCHOOL** **ENVIROSTOR** **S105086096**
South **1777 WEST AVENUE** **SCH** **N/A**
1/2-1 **SANTA ROSA, CA 95407**
0.693 mi.
3660 ft.

Relative:
Lower

Actual:
133 ft.

ENVIROSTOR:
Name: ROSELAND UNIVERSITY PREP CHARTER SCHOOL
Address: 1777 WEST AVENUE
City,State,Zip: SANTA ROSA, CA 95407
Facility ID: 60001798
Status: No Further Action
Status Date: 12/24/2013
Site Code: 204253
Site Type: School Investigation
Site Type Detailed: School
Acres: 1.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Mellan Songco

ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued) **S105086096**

Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Assembly: 07
Senate: 02
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.41926
Longitude: -122.7309
APN: 125-431-023
Past Use: AGRICULTURAL - ORCHARD, DAY CARE FACILITY
Potential COC: Arsenic Chlordane DDD DDE DDT Lead Toxaphene
Confirmed COC: 30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30013-NO No Contaminants found 30023-NO
Potential Description: NMA, SOIL
Alias Name: 125-431-023
Alias Type: APN
Alias Name: 204253
Alias Type: Project Code (Site Code)
Alias Name: 60001798
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/02/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/11/2012
Comments: On October 11, 2012, DTSC conducted a site visit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/24/2012
Comments: Fully executed EOA sent to the District on Dec 24, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/22/2013
Comments: On August 22, 2013, DTSC issued an Agreement Manager Change letter to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/20/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1

ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued) **S105086096**

Completed Date:	10/19/2012
Comments:	On October 16, 2012, DTSC issued a Phase I disapproval letter with a PEA required determination. The PEA will investigate the site for former agriculture activities (OCPs & arsenic), current structures (lead and OCPs), and pole-mounted transformers (PCBs).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	05/20/2013
Comments:	On May 20, 2013, DTSC approved the PEA workplan for implementation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	11/13/2013
Comments:	On November 13, 2013, DTSC approved the PEA Report with a no further action determination.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	ROSELAND UNIVERSITY PREP CHARTER SCHOOL
Address:	1777 WEST AVENUE
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	60001798
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.8
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Mellan Songco
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Site Code:	204253
Assembly:	07
Senate:	02
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	12/24/2013
Restricted Use:	NO
Funding:	School District
Latitude:	38.41926
Longitude:	-122.7309
APN:	125-431-023

ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued) **S105086096**

Past Use:	AGRICULTURAL - ORCHARD, DAY CARE FACILITY
Potential COC:	Arsenic, Arsenic, Chlordane, DDD, DDE, DDT, Lead, Toxaphene
Confirmed COC:	30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, 30013-NO, No Contaminants found, 30023-NO
Potential Description:	NMA, SOIL
Alias Name:	125-431-023
Alias Type:	APN
Alias Name:	204253
Alias Type:	Project Code (Site Code)
Alias Name:	60001798
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	07/02/2013
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	10/11/2012
Comments:	On October 11, 2012, DTSC conducted a site visit.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	12/24/2012
Comments:	Fully executed EOA sent to the District on Dec 24, 2012.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	08/22/2013
Comments:	On August 22, 2013, DTSC issued an Agreement Manager Change letter to the District.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	12/20/2013
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	10/19/2012
Comments:	On October 16, 2012, DTSC issued a Phase I disapproval letter with a PEA required determination. The PEA will investigate the site for former agriculture activities (OCPs & arsenic), current structures (lead and OCPs), and pole-mounted transformers (PCBs).

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	05/20/2013
Comments:	On May 20, 2013, DTSC approved the PEA workplan for implementation.

ROSELAND UNIVERSITY PREP CHARTER SCHOOL (Continued) **S105086096**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	11/13/2013
Comments:	On November 13, 2013, DTSC approved the PEA Report with a no further action determination.
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

198
NE
1/2-1
0.702 mi.
3704 ft.

WESTERN AUTO WRECKERS **ENVIROSTOR** **S101482599**
112 3RD **N/A**
SANTA ROSA, CA 95401

Relative:
Higher

Actual:
156 ft.

ENVIROSTOR:

Name:	WESTERN AUTO WRECKERS
Address:	112 3RD
City,State,Zip:	SANTA ROSA, CA 95401
Facility ID:	49500028
Status:	Refer: RWQCB
Status Date:	10/08/1993
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	10
Senate:	02
Special Program:	* Rural County Survey Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.43431
Longitude:	-122.7244
APN:	125-062-038
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	125-062-038
Alias Type:	APN
Alias Name:	49500028
Alias Type:	Envirostor ID Number

WESTERN AUTO WRECKERS (Continued) **S101482599**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	05/12/1988
Comments:	FACILITY IDENTIFIED PHONE DIR 1940

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	05/18/1988
Comments:	SITE SCREENING DONE POSS ONSITE CONTAM

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

AH199 **GRACE PROPERTY** **LUST** **S101305020**
NNE **802/806 DONAHUE STREET** **HIST CORTESE** **N/A**
1/2-1 **SANTA ROSA, CA 95401** **Notify 65**
0.720 mi. **CERS**
3803 ft. **Site 1 of 2 in cluster AH**

Relative: Higher

Actual: 151 ft.

LUST:

Name:	GRACE PROPERTY
Address:	802/806 DONAHUE STREET
City,State,Zip:	SANTA ROSA, CA 95401
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700530
Global Id:	T0609700530
Latitude:	38.4404637758419
Longitude:	-122.72406578064
Status:	Completed - Case Closed
Status Date:	11/07/2013
Case Worker:	ZZZ
RB Case Number:	1TSR004
Local Agency:	SANTA ROSA, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel, Gasoline
Site History:	Former Winery with fuel oil tank.

LUST:

Global Id:	T0609700530
Contact Type:	Local Agency Caseworker
Contact Name:	LOCAL PERMIT WORKER SANTA ROSA
Organization Name:	SANTA ROSA, CITY OF
Address:	625 5th Street
City:	SANTA ROSA
Email:	Not reported

GRACE PROPERTY (Continued) **S101305020**

Phone Number: 7075433500

Global Id: T0609700530
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 02/20/2003
Action: Notification - Proposition 65

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 06/30/2009
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 03/10/2009
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 04/16/2002
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 02/09/2010
Action: Staff Letter

Global Id: T0609700530
Action Type: Other
Date: 05/09/1986
Action: Leak Discovery

Global Id: T0609700530
Action Type: RESPONSE
Date: 07/21/2010
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 06/03/2004
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 12/07/2004
Action: Staff Letter

GRACE PROPERTY (Continued) **S101305020**

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 04/21/2011
Action: Meeting

Global Id: T0609700530
Action Type: RESPONSE
Date: 04/23/2003
Action: Tank Removal Report / UST Sampling Report

Global Id: T0609700530
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700530
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700530
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0609700530
Action Type: RESPONSE
Date: 04/23/2003
Action: Soil and Water Investigation Report

Global Id: T0609700530
Action Type: RESPONSE
Date: 11/29/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 07/29/2010
Action: Meeting

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 07/13/2010
Action: Meeting

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 09/19/2011
Action: Meeting

Global Id: T0609700530
Action Type: RESPONSE
Date: 11/02/2004
Action: Interim Remedial Action Plan

Global Id: T0609700530
Action Type: RESPONSE

GRACE PROPERTY (Continued) **S101305020**

Date: 02/05/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700530
Action Type: RESPONSE
Date: 05/03/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700530
Action Type: RESPONSE
Date: 05/09/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700530
Action Type: RESPONSE
Date: 11/09/2004
Action: Monitoring Report - Quarterly

Global Id: T0609700530
Action Type: RESPONSE
Date: 01/10/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700530
Action Type: RESPONSE
Date: 05/11/2005
Action: CAP/RAP - Other Report

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 09/16/2010
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 02/18/2011
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 11/14/2011
Action: Staff Letter

Global Id: T0609700530
Action Type: Other
Date: 05/09/1986
Action: Leak Stopped

Global Id: T0609700530
Action Type: RESPONSE
Date: 03/22/2004
Action: Soil and Water Investigation Report

Global Id: T0609700530
Action Type: RESPONSE
Date: 01/10/2005
Action: Monitoring Report - Quarterly

GRACE PROPERTY (Continued) **S101305020**

Global Id: T0609700530
Action Type: RESPONSE
Date: 06/08/2005
Action: Monitoring Report - Quarterly

Global Id: T0609700530
Action Type: RESPONSE
Date: 03/22/2012
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0609700530
Action Type: RESPONSE
Date: 05/23/2011
Action: Monitoring Report - Semi-Annually - Regulator Responded

Global Id: T0609700530
Action Type: RESPONSE
Date: 07/31/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700530
Action Type: RESPONSE
Date: 10/30/2013
Action: Well Destruction Report - Regulator Responded

Global Id: T0609700530
Action Type: REMEDIATION
Date: 01/01/2009
Action: Excavation

Global Id: T0609700530
Action Type: REMEDIATION
Date: 11/07/2013
Action: Monitored Natural Attenuation

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 01/24/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 04/06/2012
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 08/09/2013
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 06/05/1989
Action: * Historical Enforcement

Global Id: T0609700530
Action Type: Other

GRACE PROPERTY (Continued) **S101305020**

Date: 05/09/1986
Action: Leak Reported

Global Id: T0609700530
Action Type: RESPONSE
Date: 04/09/2013
Action: Correspondence

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 10/16/2008
Action: Meeting

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 02/27/2013
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 05/23/2013
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 02/27/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 12/17/2008
Action: Meeting

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 04/11/2007
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 04/17/2009
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 07/02/2013
Action: Staff Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 11/05/2013
Action: Closure/No Further Action Letter

Global Id: T0609700530
Action Type: ENFORCEMENT
Date: 08/18/2017
Action: Staff Letter

GRACE PROPERTY (Continued) **S101305020**

Global Id: T0609700530
Action Type: RESPONSE
Date: 04/21/2009
Action: Monitoring Report - Quarterly

Global Id: T0609700530
Action Type: RESPONSE
Date: 01/20/2009
Action: Other Workplan

Global Id: T0609700530
Action Type: RESPONSE
Date: 05/29/2009
Action: Soil and Water Investigation Workplan

Global Id: T0609700530
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0609700530
Status: Open - Case Begin Date
Status Date: 05/09/1986

Global Id: T0609700530
Status: Open - Site Assessment
Status Date: 09/04/1987

Global Id: T0609700530
Status: Open - Site Assessment
Status Date: 10/22/1990

Global Id: T0609700530
Status: Open - Site Assessment
Status Date: 03/18/1993

Global Id: T0609700530
Status: Open - Site Assessment
Status Date: 05/22/1997

Global Id: T0609700530
Status: Open - Site Assessment
Status Date: 04/23/2003

Global Id: T0609700530
Status: Open - Remediation
Status Date: 05/11/2005

Global Id: T0609700530
Status: Open - Remediation
Status Date: 06/05/2009

Global Id: T0609700530
Status: Open - Eligible for Closure
Status Date: 02/26/2013

GRACE PROPERTY (Continued) **S101305020**

Global Id: T0609700530
Status: Completed - Case Closed
Status Date: 11/07/2013

LUST REG 1:
Region: 1
Facility ID: 1TSR004
Staff Initials: JEF

HIST CORTESE:
edr_fname: GRACE PROPERTY
edr_fadd1: 802/806 DONAHUE ST
City,State,Zip: SANTA ROSA, CA 95401
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR004

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

CERS:
Name: GRACE PROPERTY
Address: 802/806 DONAHUE STREET
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 236009
CERS ID: T0609700530
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075433500

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

AH200 **GRACE PROPERTY** **ENVIROSTOR** **S100236181**
NNE **802 DONAHUE** **N/A**
1/2-1 **SANTA ROSA, CA 95401**
0.720 mi.
3803 ft. **Site 2 of 2 in cluster AH**

Relative:
Higher

Actual:
151 ft.

ENVIROSTOR:

Name:	GRACE PROPERTY
Address:	802 DONAHUE
City,State,Zip:	SANTA ROSA, CA 95401
Facility ID:	49280007
Status:	Refer: RWQCB
Status Date:	06/08/1994
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:	10
Senate:	02
Special Program:	* Rural County Survey Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.44044
Longitude:	-122.7245
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	49280007
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	02/04/1988
Comments:	FACILITY IDENTIFIED CORTESE LIST
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	04/22/1988
Comments:	SITE SCREENING DONE UNK PROBLEM
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

GRACE PROPERTY (Continued) **S100236181**

Schedule Revised Date: Not reported

AI201 **RESIDENCE** **Notify 65** **S100453829**
ESE **1267 CORBY AVE** **N/A**
1/2-1 **SANTA ROSA, CA 95407**
0.730 mi.
3852 ft. **Site 1 of 3 in cluster AI**

Relative:
Higher

Actual:
148 ft.

NOTIFY 65:
Date Reported: 19920729
Staff Initials: crj
Board File Number: 0TZ920002
Facility Type: misc
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.

AI202 **RESIDENCE** **Notify 65** **S100453866**
ESE **1267 CORBY AVE** **N/A**
1/2-1 **SANTA ROSA, CA 95407**
0.730 mi.
3852 ft. **Site 2 of 3 in cluster AI**

Relative:
Higher

Actual:
148 ft.

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

AI203 **RESIDENCE** **Notify 65** **S100562408**
ESE **1267 CORBY AVE** **N/A**
1/2-1 **SANTA ROSA, CA 95407**
0.730 mi.
3852 ft. **Site 3 of 3 in cluster AI**

Relative:
Higher

Actual:
148 ft.

NOTIFY 65:
Date Reported: 19920729
Staff Initials: crj
Board File Number: 0TZ920002
Facility Type: misc
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Water sample results from domestic well indicate 22 ppb dichlorodifluoromethane present.

204
North
1/2-1
0.788 mi.
4160 ft.

CORREIRA'S AUTOMOTIVE
940 NORTH DUTTON AVENUE
SANTA ROSA, CA 93582

Notify 65 **U000067302**
N/A

Relative:
Higher

Actual:
143 ft.

NOTIFY 65:

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

205
SW
1/2-1
0.816 mi.
4311 ft.

SONOMA COUNTY INDIAN HEALTH PROJECT, INC
1440 STONY POINT ROAD
SANTA ROSA, CA 95407

ENVIROSTOR **S118756996**
N/A

Relative:
Lower

Actual:
119 ft.

ENVIROSTOR:

Name:	SONOMA COUNTY INDIAN HEALTH PROJECT, INC
Address:	1440 STONY POINT ROAD
City,State,Zip:	SANTA ROSA, CA 95407
Facility ID:	49800002
Status:	No Action Required
Status Date:	01/25/1999
Site Code:	201213
Site Type:	Calmortgage
Site Type Detailed:	Calmortgage
Acres:	0.25
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Sandra Karinen
Supervisor:	William Beckman
Division Branch:	Cleanup Sacramento
Assembly:	10
Senate:	02
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	CalMortgage
Latitude:	38.42106
Longitude:	-122.7405
APN:	NONE SPECIFIED
Past Use:	NONE
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	NMA
Alias Name:	201213
Alias Type:	Project Code (Site Code)
Alias Name:	49800002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1

SONOMA COUNTY INDIAN HEALTH PROJECT, INC (Continued) **S118756996**

Completed Date:	01/25/1999
Comments:	Pursuant to the MOU, DTSC has reviewed a Phase I Environmental Site Assessment Report for the Sonoma County Indian Health Project, Inc. (SCIHP). The subject property is currently a vacant, undeveloped lot. SCIHP is proposing to build a health clinic on the property. A Supplemental Phase I Environmental Assessment Report was prepared by DTSC and concluded that no action was needed for this property: there is no contamination on the property.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

206
North
1/2-1
0.850 mi.
4488 ft.

CANTARUTTI FRAME ALIGMENT
50 MAXWELL
SANTA ROSA, CA 95401

LUST **U000067294**
HIST CORTESE **N/A**
Notify 65
CERS

Relative:
Higher

Actual:
145 ft.

LUST:

Name:	CANTARUTTI FRAME ALIGMENT
Address:	50 MAXWELL COURT
City,State,Zip:	SANTA ROSA, CA 95401
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700597
Global Id:	T0609700597
Latitude:	38.4431558
Longitude:	-122.727725
Status:	Completed - Case Closed
Status Date:	12/21/1989
Case Worker:	ZZZ
RB Case Number:	1TSR084
Local Agency:	SANTA ROSA, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0609700597
Contact Type:	Local Agency Caseworker
Contact Name:	LOCAL PERMIT WORKER SANTA ROSA
Organization Name:	SANTA ROSA, CITY OF
Address:	625 5th Street
City:	SANTA ROSA
Email:	Not reported
Phone Number:	7075433500

Global Id:	T0609700597
Contact Type:	Regional Board Caseworker

CANTARUTTI FRAME ALIGMENT (Continued) **U000067294**

Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700597
Action Type: ENFORCEMENT
Date: 12/21/1989
Action: * Historical Enforcement

Global Id: T0609700597
Action Type: Other
Date: 03/01/1989
Action: Leak Discovery

Global Id: T0609700597
Action Type: Other
Date: 03/01/1989
Action: Leak Stopped

Global Id: T0609700597
Action Type: Other
Date: 03/01/1989
Action: Leak Reported

LUST:
Global Id: T0609700597
Status: Open - Case Begin Date
Status Date: 03/01/1989

Global Id: T0609700597
Status: Open - Site Assessment
Status Date: 03/01/1989

Global Id: T0609700597
Status: Open - Remediation
Status Date: 12/20/1989

Global Id: T0609700597
Status: Open - Site Assessment
Status Date: 12/20/1989

Global Id: T0609700597
Status: Open - Verification Monitoring
Status Date: 12/20/1989

Global Id: T0609700597
Status: Completed - Case Closed
Status Date: 12/21/1989

HIST CORTESE:
edr_fname: CANTARUTTI FRAME ALIGMENT

CANTARUTTI FRAME ALIGMENT (Continued) **U000067294**

edr_fadd1: 50 MAXWELL
City,State,Zip: SANTA ROSA, CA 95401
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR084

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

CERS:
Name: CANTARUTTI FRAME ALIGMENT
Address: 50 MAXWELL COURT
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 186754
CERS ID: T0609700597
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075433500

207
ENE
1/2-1
0.850 mi.
4490 ft.

HIRSCH, PHIL
230 SOUTH A STREET
SANTA ROSA, CA 95401

LUST **S101309789**
Cortese **N/A**
HIST CORTESE
Notify 65
CERS

Relative:
Higher

Actual:
157 ft.

LUST:
Name: HIRSCH, PHIL - UST SITE
Address: 230 SOUTH A STREET
City,State,Zip: SANTA ROSA, CA 95401
Lead Agency: NORTH COAST RWQCB (REGION 1)

HIRSCH, PHIL (Continued) **S101309789**

Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700702
Global Id:	T0609700702
Latitude:	38.4341777514125
Longitude:	-122.714881896973
Status:	Open - Assessment & Interim Remedial Action
Status Date:	06/22/2017
Case Worker:	TNM
RB Case Number:	1TSR255
Local Agency:	SONOMA COUNTY LOP
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply, Contaminated Surface / Structure, Indoor Air, Soil, Soil Vapor
Potential Contaminants of Concern:	Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride, Stoddard solvent / Mineral Spriits / Distillates
Site History:	The site is a former commercial dry cleaning facility that reportedly used a 1,000 gallon tank for storage of dry cleaning chemicals (Stoddard solvent and tetrachloroethylene or PCE). The tank was removed in 1987, and several groundwater monitoring wells installed.

LUST:

Global Id:	T0609700702
Contact Type:	Regional Board Caseworker
Contact Name:	TOM MAGNEY
Organization Name:	NORTH COAST RWQCB (REGION 1)
Address:	5550 SKYLANE BOULEVARD, SUITE A
City:	SANTA ROSA
Email:	tom.magney@waterboards.ca.gov
Phone Number:	7075762030

LUST:

Global Id:	T0609700702
Action Type:	ENFORCEMENT
Date:	07/29/2009
Action:	Staff Letter
Global Id:	T0609700702
Action Type:	ENFORCEMENT
Date:	12/27/2013
Action:	Staff Letter
Global Id:	T0609700702
Action Type:	ENFORCEMENT
Date:	08/29/2014
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0609700702
Action Type:	ENFORCEMENT
Date:	08/22/2014
Action:	Notification - Public Participation Document
Global Id:	T0609700702
Action Type:	RESPONSE
Date:	10/15/2014
Action:	Soil Vapor Intrusion Investigation Report

HIRSCH, PHIL (Continued) **S101309789**

Global Id: T0609700702
Action Type: RESPONSE
Date: 10/15/2014
Action: Other Report / Document

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 11/18/2002
Action: Staff Letter

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 08/20/2014
Action: Notification - Proposition 65

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 10/09/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 06/12/2014
Action: Staff Letter

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 08/15/2014
Action: Notification - Proposition 65

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 11/05/2014
Action: Site Visit / Inspection / Sampling

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 12/02/2014
Action: Staff Letter

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 03/25/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 02/13/2014
Action: Staff Letter

Global Id: T0609700702
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE

HIRSCH, PHIL (Continued) **S101309789**

Date: 07/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 10/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 04/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 07/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 10/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 04/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 07/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 10/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 04/30/2013
Action: Monitoring Report - Quarterly

HIRSCH, PHIL (Continued) **S101309789**

Global Id: T0609700702
Action Type: RESPONSE
Date: 07/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 10/30/2013
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/30/2014
Action: Monitoring Report - Quarterly

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/30/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 02/28/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 03/28/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 04/28/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 05/28/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 06/28/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 07/28/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 08/28/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE

HIRSCH, PHIL (Continued) **S101309789**

Date: 09/28/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 10/28/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 11/28/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 12/28/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/28/2016
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 11/14/2014
Action: Other Report / Document

Global Id: T0609700702
Action Type: RESPONSE
Date: 10/01/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 11/16/2015
Action: Interim Remedial Action Report

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 04/07/2011
Action: Staff Letter

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 09/10/2014
Action: Staff Letter

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 01/28/2014
Action: Meeting

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 08/21/2014
Action: Technical Correspondence / Assistance / Other

HIRSCH, PHIL (Continued) **S101309789**

Global Id: T0609700702
Action Type: Other
Date: 04/01/1987
Action: Leak Discovery

Global Id: T0609700702
Action Type: RESPONSE
Date: 10/04/2002
Action: Soil and Water Investigation Report

Global Id: T0609700702
Action Type: RESPONSE
Date: 07/30/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/30/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: RESPONSE
Date: 07/30/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/30/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: RESPONSE
Date: 07/30/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 01/06/2004
Action: Staff Letter

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 12/21/2004
Action: Staff Letter

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 02/04/2011
Action: File review

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/30/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: ENFORCEMENT

HIRSCH, PHIL (Continued) **S101309789**

Date: 05/10/2016
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 06/16/2005
Action: Soil and Water Investigation Workplan

Global Id: T0609700702
Action Type: RESPONSE
Date: 11/16/2015
Action: Other Report / Document

Global Id: T0609700702
Action Type: RESPONSE
Date: 07/30/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/30/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: RESPONSE
Date: 07/30/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: RESPONSE
Date: 02/28/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: RESPONSE
Date: 07/30/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/30/2020
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: RESPONSE
Date: 07/30/2020
Action: Monitoring Report - Semi-Annually

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 12/12/2016
Action: Meeting

Global Id: T0609700702
Action Type: Other
Date: 04/01/1987
Action: Leak Stopped

HIRSCH, PHIL (Continued) **S101309789**

Global Id: T0609700702
Action Type: RESPONSE
Date: 05/26/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0609700702
Action Type: RESPONSE
Date: 04/01/2014
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0609700702
Action Type: RESPONSE
Date: 11/15/2014
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0609700702
Action Type: RESPONSE
Date: 11/15/2014
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0609700702
Action Type: RESPONSE
Date: 09/01/2014
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/30/2017
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0609700702
Action Type: REMEDIATION
Date: 01/01/1987
Action: Excavation

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 04/13/2012
Action: Staff Letter

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 03/30/2012
Action: Meeting

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 10/13/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 05/30/2013
Action: Staff Letter

Global Id: T0609700702
Action Type: ENFORCEMENT

HIRSCH, PHIL (Continued) **S101309789**

Date: 06/13/2005
Action: Unauthorized Release Form

Global Id: T0609700702
Action Type: Other
Date: 06/13/2005
Action: Leak Reported

Global Id: T0609700702
Action Type: RESPONSE
Date: 09/01/2013
Action: Soil and Water Investigation Report

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 02/02/1990
Action: * Historical Enforcement

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 10/12/2018
Action: Verbal Communication

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 01/02/2019
Action: Verbal Communication

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 06/22/2017
Action: Email Correspondence

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/17/2014
Action: Other Report / Document

Global Id: T0609700702
Action Type: RESPONSE
Date: 04/07/2006
Action: Soil and Water Investigation Report

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 11/07/2008
Action: Staff Letter

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 03/26/2013
Action: Staff Letter

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 02/04/2018
Action: File review

HIRSCH, PHIL (Continued) **S101309789**

Global Id: T0609700702
Action Type: ENFORCEMENT
Date: 07/12/2017
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/15/2003
Action: Soil and Water Investigation Workplan

Global Id: T0609700702
Action Type: RESPONSE
Date: 11/15/2014
Action: Sensitive Receptor Survey Report

Global Id: T0609700702
Action Type: RESPONSE
Date: 10/15/2014
Action: Other Report / Document

Global Id: T0609700702
Action Type: RESPONSE
Date: 12/08/2014
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 12/15/2014
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 12/22/2014
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 12/29/2014
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/05/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/12/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 01/19/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE

HIRSCH, PHIL (Continued) **S101309789**

Date: 01/26/2015
Action: Verbal Communication

Global Id: T0609700702
Action Type: RESPONSE
Date: 02/12/2015
Action: Soil Vapor Intrusion Investigation Report

LUST:
Global Id: T0609700702
Status: Open - Case Begin Date
Status Date: 04/01/1987

Global Id: T0609700702
Status: Open - Site Assessment
Status Date: 02/02/1990

Global Id: T0609700702
Status: Open - Site Assessment
Status Date: 05/08/1990

Global Id: T0609700702
Status: Open - Site Assessment
Status Date: 06/06/1990

Global Id: T0609700702
Status: Open - Site Assessment
Status Date: 01/11/2001

Global Id: T0609700702
Status: Open - Site Assessment
Status Date: 06/16/2005

Global Id: T0609700702
Status: Open - Site Assessment
Status Date: 05/11/2009

Global Id: T0609700702
Status: Open - Assessment & Interim Remedial Action
Status Date: 06/22/2017

LUST REG 1:
Region: 1
Facility ID: 1TSR255
Staff Initials: JEF

CORTESE:
Name: HIRSCH, PHIL - UST SITE
Address: 230 SOUTH A STREET
City,State,Zip: SANTA ROSA, CA 95401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0609700702
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION

HIRSCH, PHIL (Continued) **S101309789**

Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	HIRSCH, PHIL
edr_fadd1:	230 A
City,State,Zip:	SANTA ROSA, CA
Region:	CORTESE
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSR255

NOTIFY 65:

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

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

CERS:

Name:	HIRSCH, PHIL
Address:	230 A
City,State,Zip:	SANTA ROSA, CA 95404
Site ID:	36584
CERS ID:	230446
CERS Description:	Tanks & Ground Water Clean Up

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-25-2000
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection

HIRSCH, PHIL (Continued) **S101309789**

Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: UST
Eval Source: CIWQS

---

208 NE 1/2-1 0.885 mi. 4671 ft.

GRINDALAND ESTATE
400 A STREET, SOUTH
SANTA ROSA, CA 95401

LUST **S105790987**
Notify 65 **N/A**
CERS

Relative: Higher

Actual: 160 ft.

LUST:
Name: GRINDALAND ESTATE
Address: 400 A STREET, SOUTH
City,State,Zip: SANTA ROSA, CA 95401
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609709728
Global Id: T0609709728
Latitude: 38.432843
Longitude: -122.714713
Status: Completed - Case Closed
Status Date: 01/09/2012
Case Worker: ZZZ
RB Case Number: 1TSR408
Local Agency: Not reported
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Former retail gasoline station and auto repair facility. Currently monitoring only.

LUST:
Global Id: T0609709728
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 12/21/2007
Action: Staff Letter

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Staff Letter

Global Id: T0609709728
Action Type: RESPONSE
Date: 09/14/2009

GRINDALAND ESTATE (Continued) **S105790987**

Action: Other Workplan

Global Id: T0609709728
Action Type: RESPONSE
Date: 02/10/2010
Action: Monitoring Report - Quarterly

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 03/17/2003
Action: Notification - Fee Title Owners Notice

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 01/07/2003
Action: Notification - Proposition 65

Global Id: T0609709728
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 03/17/2003
Action: Staff Letter

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 02/17/2003
Action: File review

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 03/17/2003
Action: Meeting

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 02/12/2003
Action: * No Action

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 10/29/2009
Action: Staff Letter

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 03/29/2010
Action: Staff Letter

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 10/24/2011
Action: Staff Letter

GRINDALAND ESTATE (Continued) **S105790987**

Global Id: T0609709728
Action Type: RESPONSE
Date: 06/01/2003
Action: Preliminary Site Assessment Workplan

Global Id: T0609709728
Action Type: RESPONSE
Date: 02/12/2003
Action: Tank Removal Report / UST Sampling Report

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 08/31/2011
Action: Staff Letter

Global Id: T0609709728
Action Type: RESPONSE
Date: 07/14/2010
Action: Monitoring Report - Quarterly

Global Id: T0609709728
Action Type: RESPONSE
Date: 01/28/2011
Action: Request for Closure

Global Id: T0609709728
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 05/10/2005
Action: * Verbal Communication

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 10/16/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 10/14/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 03/07/2011
Action: Staff Letter

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 05/27/2010
Action: Staff Letter

Global Id: T0609709728
Action Type: Other

GRINDALAND ESTATE (Continued) **S105790987**

Date: 01/03/2003
Action: Leak Discovery

Global Id: T0609709728
Action Type: RESPONSE
Date: 09/07/2011
Action: Other Report / Document

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 08/31/2011
Action: Staff Letter

Global Id: T0609709728
Action Type: Other
Date: 01/03/2003
Action: Leak Stopped

Global Id: T0609709728
Action Type: RESPONSE
Date: 05/09/2007
Action: Well Installation Report

Global Id: T0609709728
Action Type: RESPONSE
Date: 09/27/2006
Action: Other Workplan

Global Id: T0609709728
Action Type: RESPONSE
Date: 11/13/2006
Action: Sensitive Receptor Survey Report

Global Id: T0609709728
Action Type: RESPONSE
Date: 05/19/2003
Action: Soil and Water Investigation Workplan

Global Id: T0609709728
Action Type: RESPONSE
Date: 02/12/2003
Action: Tank Removal Report / UST Sampling Report

Global Id: T0609709728
Action Type: REMEDIATION
Date: 05/10/2005
Action: Not reported

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 01/09/2012
Action: Closure/No Further Action Letter

Global Id: T0609709728
Action Type: Other
Date: 01/03/2003
Action: Leak Reported

GRINDALAND ESTATE (Continued) **S105790987**

Global Id: T0609709728
Action Type: RESPONSE
Date: 08/06/2007
Action: Interim Remedial Action Plan

Global Id: T0609709728
Action Type: ENFORCEMENT
Date: 05/12/2009
Action: Meeting

Global Id: T0609709728
Action Type: RESPONSE
Date: 07/13/2009
Action: Pilot Study/ Treatability Report

LUST:
Global Id: T0609709728
Status: Open - Case Begin Date
Status Date: 01/03/2003

Global Id: T0609709728
Status: Open - Site Assessment
Status Date: 01/03/2003

Global Id: T0609709728
Status: Open - Site Assessment
Status Date: 05/19/2003

Global Id: T0609709728
Status: Open - Verification Monitoring
Status Date: 05/19/2003

Global Id: T0609709728
Status: Completed - Case Closed
Status Date: 01/09/2012

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

CERS:
Name: GRINDALAND ESTATE
Address: 400 A STREET, SOUTH
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 211405
CERS ID: T0609709728
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker

GRINDALAND ESTATE (Continued) **S105790987**

Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

209
North
1/2-1
0.947 mi.
4999 ft.

Relative:
Higher

Actual:
144 ft.

KAISER SAND AND GRAVEL COMPANY **LUST** **S100179136**
1060 MAXWELL **CPS-SLIC** **N/A**
SANTA ROSA, CA 93582 **HIST CORTESE**
NPDES
Notify 65
CIWQS
CERS

LUST:

Name:	KAISER SAND & GRAVEL COMPANY
Address:	1060 MAXWELL DRIVE
City,State,Zip:	SANTA ROSA, CA 95401
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700608
Global Id:	T0609700608
Latitude:	38.4441529
Longitude:	-122.7294565
Status:	Completed - Case Closed
Status Date:	06/23/1995
Case Worker:	ZZZ
RB Case Number:	1TSR097
Local Agency:	SANTA ROSA, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0609700608
Contact Type:	Local Agency Caseworker
Contact Name:	LOCAL PERMIT WORKER SANTA ROSA
Organization Name:	SANTA ROSA, CITY OF
Address:	625 5th Street
City:	SANTA ROSA
Email:	Not reported
Phone Number:	7075433500

Global Id:	T0609700608
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

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

LUST:
Global Id: T0609700608
Action Type: Other
Date: 06/13/1989
Action: Leak Discovery

Global Id: T0609700608
Action Type: Other
Date: 06/13/1989
Action: Leak Stopped

Global Id: T0609700608
Action Type: ENFORCEMENT
Date: 06/23/1995
Action: * Historical Enforcement

Global Id: T0609700608
Action Type: Other
Date: 06/13/1989
Action: Leak Reported

LUST:
Global Id: T0609700608
Status: Open - Case Begin Date
Status Date: 06/13/1989

Global Id: T0609700608
Status: Open - Site Assessment
Status Date: 06/22/1989

Global Id: T0609700608
Status: Open - Site Assessment
Status Date: 09/06/1989

Global Id: T0609700608
Status: Open - Site Assessment
Status Date: 10/17/1989

Global Id: T0609700608
Status: Open - Remediation
Status Date: 06/22/1995

Global Id: T0609700608
Status: Open - Site Assessment
Status Date: 06/22/1995

Global Id: T0609700608
Status: Open - Verification Monitoring
Status Date: 06/22/1995

Global Id: T0609700608
Status: Completed - Case Closed
Status Date: 06/23/1995

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

CPS-SLIC:

Name:	MARK WEST AGGREGATES
Address:	1060 MAXWELL DRIVE
City,State,Zip:	SANTA ROSA, CA 95401
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/02/2012
Global Id:	SL0609773972
Lead Agency:	NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number:	Not reported
Latitude:	38.443868
Longitude:	-122.727623
Case Type:	Cleanup Program Site
Case Worker:	ZZZ
Local Agency:	Not reported
RB Case Number:	1NSR401
File Location:	Regional Board
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

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

HIST CORTESE:

edr_fname:	KAISER SAND & GRAVEL COMP
edr_fadd1:	1060 MAXWELL
City,State,Zip:	SANTA ROSA, CA
Region:	CORTESE
Facility County Code:	49
Reg By:	LTNKA
Reg Id:	1TSR097

NPDES:

Name:	BODEAN CO INC SANTA ROSA HOT P
Address:	1060 MAXWELL DR
City,State,Zip:	SANTA ROSA, CA 95401
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	1 49I017446
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

Status Date:	08/21/2002
Operator Name:	Dean Soiland
Operator Address:	1060 N Dutton Ave
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95401

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	178954
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 49I017446
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:	08/21/2002
Status:	Active
Status Date:	08/21/2002
Place Size:	6
Place Size Unit:	Acres
Contact:	Josh Leask
Contact Title:	Site Manager
Contact Phone:	7075768205
Contact Phone Ext:	Not reported
Contact Email:	jleask@bodeanco.com
Operator Name:	Dean Soiland
Operator Address:	1060 N Dutton Ave
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95401
Operator Contact:	Bill Reid
Operator Contact Title:	Not reported
Operator Contact Phone:	707-576-8205
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	billreid@bodeanco.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	707-576-8205

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

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:	N
Receiving Water Name:	Russian River
Certifier:	Dean Soiland
Certifier Title:	President
Certification Date:	19-JUN-15
Primary Sic:	2951-Asphalt Paving Mixtures and Blocks
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	178954
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 49I017446
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/21/2002
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Dean Soiland
Discharge Address:	1060 N Dutton Ave
Discharge City:	Santa Rosa
Discharge State:	California
Discharge Zip:	95401
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	BODEAN CO INC SANTA ROSA HOT P
Address:	1060 MAXWELL DR
City,State,Zip:	SANTA ROSA, CA 95401
Facility Status:	Active
NPDES Number:	CAS000001
Region:	1
Agency Number:	0
Regulatory Measure ID:	178954
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	1 49I017446

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/21/2002
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1060 N Dutton Ave
Discharge Name:	Dean Soiland
Discharge City:	Santa Rosa
Discharge State:	California
Discharge Zip:	95401
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	1
Regulatory Measure ID:	178954
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	1 49I017446
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:	08/21/2002
Status:	Active
Status Date:	08/21/2002
Place Size:	6
Place Size Unit:	Acres
Contact:	Josh Leask
Contact Title:	Site Manager
Contact Phone:	7075768205
Contact Phone Ext:	Not reported
Contact Email:	jleask@bodeanco.com
Operator Name:	Dean Soiland
Operator Address:	1060 N Dutton Ave
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95401
Operator Contact:	Bill Reid
Operator Contact Title:	Not reported
Operator Contact Phone:	707-576-8205

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

Operator Contact Phone Ext:	Not reported
Operator Contact Email:	billreid@bodeanco.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	707-576-8205
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:	N
Receiving Water Name:	Russian River
Certifier:	Dean Soiland
Certifier Title:	President
Certification Date:	19-JUN-15
Primary Sic:	2951-Asphalt Paving Mixtures and Blocks
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	1
Regulatory Measure ID:	178954
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	1 49I017446
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/21/2002
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Dean Soiland
Discharge Address:	1060 N Dutton Ave
Discharge City:	Santa Rosa
Discharge State:	California
Discharge Zip:	95401

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
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:	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:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

NOTIFY 65:
- Date Reported: Not reported
- Staff Initials: Not reported
- Board File Number: Not reported
- Facility Type: Not reported
- Discharge Date: Not reported
- Issue Date: Not reported
- Incident Description: Not reported

CIWQS:
- Name: BODEAN CO INC SANTA ROSA HOT P
- Address: 1060 MAXWELL DR
- City,State,Zip: SANTA ROSA, CA 95401
- Agency: Dean Soiland
- Agency Address: 1060 N Dutton Ave, Santa Rosa, CA 95401
- Place/Project Type: Industrial - Asphalt Paving Mixtures and Blocks
- SIC/NAICS: 2951
- Region: 1
- Program: INDSTW
- Regulatory Measure Status: Active
- Regulatory Measure Type: Storm water industrial
- Order Number: 2014-0057-DWQ
- WDID: 1 49I017446
- NPDES Number: CAS000001
- Adoption Date: Not reported
- Effective Date: 08/21/2002
- Termination Date: Not reported
- Expiration/Review Date: Not reported
- Design Flow: Not reported
- Major/Minor: Not reported
- Complexity: Not reported
- TTWQ: Not reported
- Enforcement Actions within 5 years: 0
- Violations within 5 years: 0
- Latitude: 38.444541
- Longitude: -122.729714

CERS:
- Name: KAISER SAND & GRAVEL COMPANY
- Address: 1060 MAXWELL DRIVE
- City,State,Zip: SANTA ROSA, CA 95401-5038
- Site ID: 475333
- CERS ID: 110001193422
- CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: LCL PERMIT WRKR SANTA ROSA SANTA ROSANA CITY
- Entity Title: Not reported
- Affiliation Address: 625 5TH STREET
- Affiliation City: SANTAROSA
- Affiliation State: Not reported
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGN WTR BD SITE CLOSED NORTH CST RWQ
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARDNA SUITE A
Affiliation City: SANTAROSA
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: KAISER SAND & GRAVEL COMPANY
Address: 1060 MAXWELL DRIVE
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 213818
CERS ID: T0609700608
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075433500

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Name: MARK WEST AGGREGATES
Address: 1060 MAXWELL DRIVE
City,State,Zip: SANTA ROSA, CA 95401
Site ID: 232267
CERS ID: SL0609773972
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: CITY OF SANTA ROSA FIRE DEPARTMENT - CITY OF SANTA ROSA FIRE DEPARTMENT
Entity Title: Not reported
Affiliation Address: 965 SONOMA AVENUE
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title:	Not reported
Affiliation Address:	5550 SKYLANE BOULEVARD, SUITE A
Affiliation City:	SANTA ROSA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7075762220

Name:	BODEAN CO INC SANTA ROSA HOT P
Address:	1060 MAXWELL DR
City,State,Zip:	SANTA ROSA, CA 95401
Site ID:	527669
CERS ID:	255714
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	527669
Site Name:	Bodean Co Inc Santa Rosa Hot P
Violation Date:	06-30-2009
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	Discharger failed to submit a report by 6/30/2009
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-09-2004
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2014
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Site now fully paved and graded to send most runoff towards two onsite settling ponds. Stockpiles of finer materials now covered with tarps prior to onset of significant rain events. New silos in process of final construction at time of inspection. All asphalt processes now reuse all blowdown wastes in future loads, thus eliminating large slurry storage area at rear of site. Suggestion was made to connect two settling ponds so that smaller storm runoff is fully contained in larger pond, thus avoiding any discharge to state waters. Site housekeeping is excellent, with site well swept and otherwise free of debris. Some updates of SWPPP were needed, especially in terms of site emergency contacts and onsite personnel dealing with stormwater.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS

KAISER SAND AND GRAVEL COMPANY (Continued) **S100179136**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2009
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-27-2010
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Site inspection with student interns Bob Legge and Forest Fortescue. Met with site personnel Bill Reid and Josh Leask. Site has been regraded to pull runoff away from entrance and exit access. New concrete washout area installed near entrance that acts as settling pond for runoff from feedstock piles. Discharge from this pond enter vegetated swale prior to offisite discharge. Wet scrubber now replaced with filter bags, eliminating need to store and manage scrubber discharge. Wattled around all drop inlets. Site in excelent condition relative to water quality.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS

Enforcement Action:

Site ID:	527669
Site Name:	Bodean Co Inc Santa Rosa Hot P
Site Address:	1060 MAXWELL DR
Site City:	SANTA ROSA
Site Zip:	95401
Enf Action Date:	08-01-2009
Enf Action Type:	Notice of Non-Compliance for Non-Filers
Enf Action Description:	Notice of Non-Compliance for Non-Filers
Enf Action Notes:	N/A
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Dean Soiland
Entity Title:	Operator
Affiliation Address:	1060 N Dutton Ave
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95401
Affiliation Phone:	Not reported

AJ210
East
1/2-1
0.952 mi.
5026 ft.

Relative:
Higher

Actual:
157 ft.

TORVICK INC
1015 SANTA ROSA AVE
SANTA ROSA, CA 95407

Site 1 of 2 in cluster AJ

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

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	TORVICK INC
Facility address:	1015 SANTA ROSA AVE SANTA ROSA, CA 95407
EPA ID:	CAD982012114
Mailing address:	SANTA ROSA AVE SANTA ROSA, CA 95407
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ROBERT C TORVICK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

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

TORVICK INC (Continued) **1000432904**

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

Violation Status: No violations found

LUST:
Name: TORVICK MERCEDES
Address: 1015 SANTA ROSA AVENUE
City,State,Zip: SANTA ROSA, CA 95404
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700600
Global Id: T0609700600
Latitude: 38.42854
Longitude: -122.713069
Status: Completed - Case Closed
Status Date: 07/29/1998
Case Worker: ZZZ
RB Case Number: 1TSR087
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0609700600
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700600
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

TORVICK INC (Continued) **1000432904**

LUST:
Global Id: T0609700600
Action Type: ENFORCEMENT
Date: 02/27/1989
Action: * Historical Enforcement

Global Id: T0609700600
Action Type: Other
Date: 02/07/1989
Action: Leak Discovery

Global Id: T0609700600
Action Type: Other
Date: 02/07/1989
Action: Leak Stopped

Global Id: T0609700600
Action Type: Other
Date: 02/07/1989
Action: Leak Reported

LUST:
Global Id: T0609700600
Status: Open - Case Begin Date
Status Date: 02/07/1989

Global Id: T0609700600
Status: Open - Site Assessment
Status Date: 07/24/1989

Global Id: T0609700600
Status: Open - Site Assessment
Status Date: 12/07/1989

Global Id: T0609700600
Status: Open - Site Assessment
Status Date: 01/17/1990

Global Id: T0609700600
Status: Open - Site Assessment
Status Date: 03/06/1996

Global Id: T0609700600
Status: Open - Remediation
Status Date: 07/28/1998

Global Id: T0609700600
Status: Open - Verification Monitoring
Status Date: 07/28/1998

Global Id: T0609700600
Status: Completed - Case Closed
Status Date: 07/29/1998

TORVICK INC (Continued) **1000432904**

LUST REG 1:
Region: 1
Facility ID: 1TSR087
Staff Initials: Closed

FINDS:

Registry ID: 110002775989

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

Registry ID: 110055666186

Environmental Interest/Information System
STATE MASTER

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

ECHO:
Envid: 1000432904
Registry ID: 110002775989
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002775989

HAZNET:
Name: TORVICK INC
Address: 1015 SANTA ROSA AVE
City,State,Zip: SANTA ROSA, CA 954070000
Year: 1993
GEPAID: CAD982012114
Contact: UNDELIVERABLE FEE FORM 4-94
Telephone: --
Mailing Name: Not reported
Mailing Address: 1015 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD009452657
TSD County: San Mateo
Tons: 0.85
CA Waste Code: 343-Unspecified organic liquid mixture
Method: R01-Recycler
Facility County: Sonoma

Name: TORVICK INC
Address: 1015 SANTA ROSA AVE
City,State,Zip: SANTA ROSA, CA 954070000
Year: 1993
GEPAID: CAD982012114

TORVICK INC (Continued) **1000432904**

Contact: UNDELIVERABLE FEE FORM 4-94
Telephone: --
Mailing Name: Not reported
Mailing Address: 1015 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD083166728
TSD County: Stanislaus
Tons: 0.0834
CA Waste Code: 223-Unspecified oil-containing waste
Method: R01-Recycler
Facility County: Sonoma

Name: TORVICK INC
Address: 1015 SANTA ROSA AVE
City,State,Zip: SANTA ROSA, CA 954070000
Year: 1992
GEPAID: CAD982012114
Contact: UNDELIVERABLE FEE FORM 4-94
Telephone: --
Mailing Name: Not reported
Mailing Address: 1015 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Tons: 0.7297
CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent
Method: R01-Recycler
Facility County: Sonoma

Name: TORVICK INC
Address: 1015 SANTA ROSA AVE
City,State,Zip: SANTA ROSA, CA 954070000
Year: 1992
GEPAID: CAD982012114
Contact: UNDELIVERABLE FEE FORM 4-94
Telephone: --
Mailing Name: Not reported
Mailing Address: 1015 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAD009452657
TSD County: Santa Clara
Tons: 1.2301
CA Waste Code: 343-Unspecified organic liquid mixture
Method: R01-Recycler
Facility County: Sonoma

Name: TORVICK INC
Address: 1015 SANTA ROSA AVE
City,State,Zip: SANTA ROSA, CA 954070000
Year: 1992
GEPAID: CAD982012114
Contact: UNDELIVERABLE FEE FORM 4-94
Telephone: --
Mailing Name: Not reported

TORVICK INC (Continued) **1000432904**

Mailing Address: 1015 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Sonoma
TSD EPA ID: CAT080011059
TSD County: Los Angeles
Tons: 0.2293
CA Waste Code: 223-Unspecified oil-containing waste
Method: R01-Recycler
Facility County: Sonoma

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

HIST CORTESE:
edr_fname: TORVICK MERCEDES
edr_fadd1: 1015 SANTA ROSA
City,State,Zip: SANTA ROSA, CA 95404
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR087

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

CERS:
Name: TORVICK MERCEDES
Address: 1015 SANTA ROSA AVENUE
City,State,Zip: SANTA ROSA, CA 95404
Site ID: 241083
CERS ID: T0609700600
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA

TORVICK INC (Continued) **1000432904**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075433500

AJ211
East
1/2-1
0.968 mi.
5109 ft.

Relative:
Higher

Actual:
158 ft.

SONNEN MOTORCARS
965 SANTA ROSA AVE
SANTA ROSA, CA 95054

Site 2 of 2 in cluster AJ

RCRA-SQG **1000220394**
LUST **CAD981659527**
SWEEPS UST
HIST UST
CA FID UST
FINDS
HIST CORTESE
Notify 65
CERS

RCRA-SQG:
Date form received by agency: 02/14/2005
Facility name: SONNEN MOTORCARS
Facility address: 965 SANTA ROSA AVE
SANTA ROSA, CA 95054
EPA ID: CAD981659527
Mailing address: 740 W FRANCISCO BLVD
SAN RAFAEL, CA 94901
Contact: JOJI PULIDO
Contact address: 740 W FRANCISCO BLVD
SAN RAFAEL, CA 94901
Contact country: US
Contact telephone: 415-460-4114
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: CHARLES NILES
Owner/operator address: PO BOX 2348
SANTA ROSA, CA 95405
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/20/1993
Owner/Op end date: Not reported

Owner/operator name: PETER SONNEN
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported

SONNEN MOTORCARS (Continued) **1000220394**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/01/2005
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 11/27/1996
Site name: ZUMWALT MAGRINI CHEV PLYM JEEP
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

LUST:
Name: NILES BUICK
Address: 965 SANTA ROSA AVENUE
City,State,Zip: SANTA ROSA, CA 95404
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700582

SONNEN MOTORCARS (Continued) **1000220394**

Global Id: T0609700582
Latitude: 38.42903
Longitude: -122.712913
Status: Completed - Case Closed
Status Date: 08/26/1997
Case Worker: ZZZ
RB Case Number: 1TSR060
Local Agency: SANTA ROSA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0609700582
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700582
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700582
Action Type: ENFORCEMENT
Date: 08/26/1997
Action: * Historical Enforcement

Global Id: T0609700582
Action Type: Other
Date: 07/27/1988
Action: Leak Discovery

Global Id: T0609700582
Action Type: Other
Date: 07/27/1988
Action: Leak Stopped

Global Id: T0609700582
Action Type: Other
Date: 07/27/1988
Action: Leak Reported

LUST:
Global Id: T0609700582
Status: Open - Case Begin Date

SONNEN MOTORCARS (Continued) **1000220394**

Status Date: 07/27/1988

Global Id: T0609700582
Status: Open - Site Assessment
Status Date: 08/03/1988

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

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

Global Id: T0609700582
Status: Open - Site Assessment
Status Date: 01/02/1990

Global Id: T0609700582
Status: Open - Remediation
Status Date: 08/25/1997

Global Id: T0609700582
Status: Open - Verification Monitoring
Status Date: 08/25/1997

Global Id: T0609700582
Status: Completed - Case Closed
Status Date: 08/26/1997

LUST REG 1:
Region: 1
Facility ID: 1TSR060
Staff Initials: Closed

SWEEPS UST:
Name: NILES AUTOMOBILE CO.
Address: 965 SANTA ROSA AVE
City: SANTA ROSA
Status: Active
Comp Number: 51801
Number: 9
Board Of Equalization: 44-028317
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 49-060-051801-000001
Tank Status: A
Capacity: 575
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

SONNEN MOTORCARS (Continued) **1000220394**

Name: NILES AUTOMOBILE CO.
Address: 965 SANTA ROSA AVE
City: SANTA ROSA
Status: Active
Comp Number: 51801
Number: 9
Board Of Equalization: 44-028317
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 49-060-051801-000002
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:
Name: NILES AUTOMOBILE CO
Address: 965 SANTA ROSA AVE
City,State,Zip: SANTA ROSA, CA 95404
File Number: 00021C49
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00021C49.pdf
Region: STATE
Facility ID: 00000051801
Facility Type: Other
Other Type: CAR DEALER
Contact Name: CHARLES P. NILES
Telephone: 7075458252
Owner Name: NILES AUTOMOBILE CO.
Owner Address: 965 SANTA ROSA AVE.
Owner City,St,Zip: SANTA ROSA, CA 95404
Total Tanks: 0004

Tank Num: 001
Container Num: 01
Year Installed: Not reported
Tank Capacity: 00000575
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 001
Container Num: 01
Year Installed: Not reported
Tank Capacity: 00000575
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 02

SONNEN MOTORCARS (Continued) **1000220394**

Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 02
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 03
Year Installed: 1946
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 003
Container Num: 03
Year Installed: 1946
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 004
Container Num: 04
Year Installed: 1946
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 004
Container Num: 04
Year Installed: 1946
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 49000185
Regulated By: UTNKA

SONNEN MOTORCARS (Continued) **1000220394**

Regulated ID: 00051801
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7075458252
Mail To: Not reported
Mailing Address: 965 SANTA ROSA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ROSA 95404
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:

Registry ID: 110055668219

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

STATE MASTER

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

HIST CORTESE:
edr_fname: NILES BUICK
edr_fadd1: 965 SANTA ROSA
City,State,Zip: SANTA ROSA, CA 95404
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR060

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

CERS:
Name: NILES BUICK
Address: 965 SANTA ROSA AVENUE
City,State,Zip: SANTA ROSA, CA 95404
Site ID: 205844
CERS ID: T0609700582
CERS Description: Leaking Underground Storage Tank Cleanup Site

SONNEN MOTORCARS (Continued) **1000220394**

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075433500

212
NW
1/2-1
0.969 mi.
5116 ft.

SONOMA CO. INDIAN HEALTH PROJECT, INC. **ENVIROSTOR** **S118756995**
144 STONY POINT RD **N/A**
SANTA ROSA, CA 95401

Relative:
Lower

Actual:
124 ft.

ENVIROSTOR:
Name: SONOMA CO. INDIAN HEALTH PROJECT, INC.
Address: 144 STONY POINT RD
City,State,Zip: SANTA ROSA, CA 95401
Facility ID: 49800001
Status: No Action Required
Status Date: 01/25/1999
Site Code: 201213
Site Type: Calmortgage
Site Type Detailed: Calmortgage
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Sandra Karinen
Supervisor: William Beckman
Division Branch: Cleanup Sacramento
Assembly: 10
Senate: 02
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: CalMortgage
Latitude: 38.44043
Longitude: -122.7435
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found

SONOMA CO. INDIAN HEALTH PROJECT, INC. (Continued) **S118756995**

Potential Description: NMA
Alias Name: 201213
Alias Type: Project Code (Site Code)
Alias Name: 49800001
Alias Type: Envirostor ID Number

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

213
SSE
1/2-1
0.979 mi.
5168 ft.

FOUCHE AUTO WRECKERS **ENVIROSTOR** **S108213818**
2290 DUTTON AVENUE **CPS-SLIC** **N/A**
SANTA ROSA, CA 95407 **CERS**

Relative:
Lower

Actual:
134 ft.

ENVIROSTOR:
Name: FOUCHE BROS
Address: 2290 DUTTON AVENUE
City,State,Zip: SANTA ROSA, CA 95401
Facility ID: 49500004
Status: Refer: RWQCB
Status Date: 09/27/1993
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 10
Senate: 02
Special Program: * Rural County Survey Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.41731
Longitude: -122.7219
APN: 043-041-001
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED

FOUCHE AUTO WRECKERS (Continued) **S108213818**

Potential Description: NONE SPECIFIED
Alias Name: 043-041-001
Alias Type: APN
Alias Name: T0609793108
Alias Type: GeoTracker Global ID
Alias Name: 49500004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/10/1988
Comments: FACILITY IDENTIFIED POLK DIR 1958

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/22/1988
Comments: SITE SCREENING DONE AUTO DISMANTLER, POSS ONSITE DISP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 10/06/2015
Comments: DTSC completed site reassessment on US EPA's behalf. Lead and volatile organic compounds were detected in soil and groundwater above screening levels. The North Coast Regional Water Quality Control Board is currently overseeing environmental cleanup. EPA determined that the site needed further assessment under CERCLA but at low priority as a state agency is currently overseeing cleanup.

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

CPS-SLIC:
Name: FOUCHE AUTO WRECKERS
Address: 2290 DUTTON AVENUE
City,State,Zip: SANTA ROSA, CA 95407
Region: STATE
Facility Status: **Open - Remediation**
Status Date: 10/17/2014
Global Id: T0609793108
Lead Agency: NORTH COAST RWQCB (REGION 1)
Lead Agency Case Number: Not reported
Latitude: 38.4168209335305
Longitude: -122.722892388885
Case Type: Cleanup Program Site
Case Worker: BML
Local Agency: SONOMA COUNTY

FOUCHE AUTO WRECKERS (Continued) **S108213818**

RB Case Number: 1NSO366
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Soil, Well used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: This site is comprised of three parcels totaling approximately 12.2 acres. Since the late 1940s up until 2000 or 2001, the site was operated as an auto wrecking yard by the Fouche family. Soil and groundwater at the site were affected by the auto wrecking activities. Soil cleanup work has been performed. Cleanup and Abatement Order No.R1-2016-0040 was issued by the Regional Water Board in 2016. Soil testing for lead and groundwater testing for HVOCs is ongoing under the CAO. The site is currently being developed into residential housing.

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

CERS:
Name: FOUCHE AUTO WRECKERS
Address: 2290 DUTTON AVENUE
City,State,Zip: SANTA ROSA, CA 95407
Site ID: 245699
CERS ID: T0609793108
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ENVIRON HEALTH STAFF (NON LOP-RB1) - SONOMA COUNTY
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: BETH LAMB - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

AK214 **PG&E - SANTA ROSA GAS PLANT** **RESPONSE** **S101482579**
ENE **FIRST STREET, EAST OF B STREET** **ENVIROSTOR** **N/A**
1/2-1 **SANTA ROSA, CA 95401**
0.981 mi.
5180 ft. **Site 1 of 2 in cluster AK**

Relative: **Higher**
Actual: **163 ft.**

RESPONSE:
Name: PG&E - SANTA ROSA GAS PLANT
Address: FIRST STREET, EAST OF B STREET
City,State,Zip: SANTA ROSA, CA 95401
Facility ID: 49490002

PG&E - SANTA ROSA GAS PLANT (Continued) **S101482579**

Site Type:	State Response
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:	Not reported
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	07
Senate:	Not reported
Special Program Status:	* Town Gas
Status:	Refer: RWQCB
Status Date:	03/15/1995
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	38.43761
Longitude:	-122.7136
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC :	* CONTAMINATED SOIL * UNSPECIFIED ORGANIC LIQUID MIXTURE Arsenic Lead Mercury and compounds
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	TOWN GAS PLANT- SANTA ROSA #1
Alias Type:	Alternate Name
Alias Name:	CAD981415045
Alias Type:	EPA Identification Number
Alias Name:	110033610885
Alias Type:	EPA (FRS #)
Alias Name:	49490002
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:	05/21/1987
Comments:	SITE SCREENING DONE SITE PREVIOUSLY PART OF A MANUFACTURED GAS PLANT. CONTAMINANTS FOUND IN SURFACE SOIL INCLUDE PNA'S(1.1-270PPM),PB(58-3900PPM),AS(11-68PPM),HG(0.12-1.5PPM) & CN(UP TO 72PPM). SITE WAS SCORED FOR A MEDIUM PRIORITY PA. RATIONALE FOR PENDING STAT: ON CERCLIST
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:

PG&E - SANTA ROSA GAS PLANT (Continued) **S101482579**

Name:	PG&E - SANTA ROSA GAS PLANT
Address:	FIRST STREET, EAST OF B STREET
City,State,Zip:	SANTA ROSA, CA 95401
Facility ID:	49490002
Status:	Refer: RWQCB
Status Date:	03/15/1995
Site Code:	Not reported
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:	07
Senate:	Not reported
Special Program:	* Town Gas
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	38.43761
Longitude:	-122.7136
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* CONTAMINATED SOIL * UNSPECIFIED ORGANIC LIQUID MIXTURE Arsenic Lead Mercury and compounds
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	TOWN GAS PLANT- SANTA ROSA #1
Alias Type:	Alternate Name
Alias Name:	CAD981415045
Alias Type:	EPA Identification Number
Alias Name:	110033610885
Alias Type:	EPA (FRS #)
Alias Name:	49490002
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:	05/21/1987
Comments:	SITE SCREENING DONE SITE PREVIOUSLY PART OF A MANUFACTURED GAS PLANT. CONTAMINANTS FOUND IN SURFACE SOIL INCLUDE PNA'S(1.1-270PPM),PB(58-3900PPM),AS(11-68PPM),HG(0.12-1.5PPM) & CN(UP TO 72PPM). SITE WAS SCORED FOR A MEDIUM PRIORITY PA. RATIONALE FOR PENDING STAT: ON CERCLIST
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

PG&E - SANTA ROSA GAS PLANT (Continued) **S101482579**

Schedule Revised Date: Not reported

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215 East 1/2-1 0.985 mi. 5199 ft.

Relative: Higher

Actual: 159 ft.

SANTA ROSA CHRYSLER JEEP INC
955 SANTA ROSA AVE
SANTA ROSA, CA 95404

RCRA-SQG **1000435089**
LUST **CAD029437399**
FINDS
ECHO
EMI
HAZNET
HIST CORTESE
Notify 65
CIWQS
CERS

RCRA-SQG:

Date form received by agency:	09/05/2001
Facility name:	SANTA ROSA CHRYSLER JEEP INC
Facility address:	955 SANTA ROSA AVE SANTA ROSA, CA 95404
EPA ID:	CAD029437399
Contact:	THOMAS COGLIANO
Contact address:	955 SANTA ROSA AVE SANTA ROSA, CA 95404
Contact country:	US
Contact telephone:	707-546-2820
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:	SANTA ROSA CHRYSLER JEEP INC
Owner/operator address:	955 SANTA ROSA AVE SANTA ROSA, CA 95404
Owner/operator country:	Not reported
Owner/operator telephone:	707-546-2820
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

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

Violation Status: No violations found

LUST:
Name: ZUMWALT-MAGRINI
Address: 955 SANTA ROSA AVENUE
City,State,Zip: SANTA ROSA, CA 95404
Lead Agency: NORTH COAST RWQCB (REGION 1)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0609700765
Global Id: T0609700765
Latitude: 38.4298915118543
Longitude: -122.711663246155
Status: Completed - Case Closed
Status Date: 10/18/2013
Case Worker: ZZZ
RB Case Number: 1TSR350
Local Agency: SANTA ROSA, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

LUST:
Global Id: T0609700765
Contact Type: Local Agency Caseworker
Contact Name: LOCAL PERMIT WORKER SANTA ROSA
Organization Name: SANTA ROSA, CITY OF
Address: 625 5th Street
City: SANTA ROSA
Email: Not reported
Phone Number: 7075433500

Global Id: T0609700765
Contact Type: Regional Board Caseworker
Contact Name: REGIONAL WATER BOARD SITE CLOSED
Organization Name: NORTH COAST RWQCB (REGION 1)
Address: 5550 SKYLANE BOULEVARD, SUITE A
City: SANTA ROSA
Email: craig.hunt@waterboards.ca.gov
Phone Number: 7075762220

LUST:
Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 06/24/2009
Action: Meeting

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 08/23/1999
Action: Notification - Fee Title Owners Notice

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 07/11/1994
Action: Notification - Proposition 65

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 03/03/2003
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 08/16/2002
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 11/03/2004
Action: Staff Letter

Global Id: T0609700765

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Action Type: ENFORCEMENT
Date: 03/18/1999
Action: * No Action

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 04/28/1999
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 09/05/2000
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 10/01/2001
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 06/03/2002
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 02/10/2003
Action: File review

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 11/18/2004
Action: Meeting

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 05/26/2010
Action: Meeting

Global Id: T0609700765
Action Type: RESPONSE
Date: 08/08/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700765
Action Type: RESPONSE
Date: 11/01/2002
Action: Soil and Water Investigation Report

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 12/06/2004
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 01/06/2005

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 08/18/2010
Action: Waste Discharge Requirements

Global Id: T0609700765
Action Type: Other
Date: 12/21/1998
Action: Leak Discovery

Global Id: T0609700765
Action Type: RESPONSE
Date: 02/05/2003
Action: Soil and Water Investigation Workplan

Global Id: T0609700765
Action Type: RESPONSE
Date: 06/30/1999
Action: Preliminary Site Assessment Workplan

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 01/10/2006
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 06/21/2006
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 10/04/2011
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 03/16/2011
Action: Staff Letter

Global Id: T0609700765
Action Type: RESPONSE
Date: 07/16/2002
Action: Soil and Water Investigation Workplan

Global Id: T0609700765
Action Type: RESPONSE
Date: 11/27/2002
Action: Soil and Water Investigation Report

Global Id: T0609700765
Action Type: RESPONSE
Date: 07/16/2002
Action: Preliminary Site Assessment Report

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Global Id:	T0609700765
Action Type:	RESPONSE
Date:	05/11/2011
Action:	Monitoring Report - Quarterly
Global Id:	T0609700765
Action Type:	RESPONSE
Date:	08/02/2011
Action:	Remedial Progress Report
Global Id:	T0609700765
Action Type:	RESPONSE
Date:	12/31/2011
Action:	Verbal Communication
Global Id:	T0609700765
Action Type:	RESPONSE
Date:	10/26/2011
Action:	Final Remedial Action Report / Corrective Action Report
Global Id:	T0609700765
Action Type:	RESPONSE
Date:	01/25/2012
Action:	Remedial Progress Report
Global Id:	T0609700765
Action Type:	Other
Date:	12/21/1998
Action:	Leak Stopped
Global Id:	T0609700765
Action Type:	RESPONSE
Date:	11/17/2005
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0609700765
Action Type:	RESPONSE
Date:	05/11/2006
Action:	CAP/RAP - Final Remediation / Design Plan
Global Id:	T0609700765
Action Type:	RESPONSE
Date:	12/16/2004
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0609700765
Action Type:	RESPONSE
Date:	07/06/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0609700765
Action Type:	RESPONSE
Date:	04/13/2012
Action:	Monitoring Report - Quarterly
Global Id:	T0609700765
Action Type:	RESPONSE

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Date: 05/15/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0609700765
Action Type: RESPONSE
Date: 10/07/2013
Action: Well Destruction Report - Regulator Responded

Global Id: T0609700765
Action Type: REMEDIATION
Date: 01/01/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 03/23/2001
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 12/30/2002
Action: Meeting

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 05/30/2013
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 02/01/2013
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 10/18/2013
Action: Closure/No Further Action Letter

Global Id: T0609700765
Action Type: Other
Date: 12/21/1998
Action: Leak Reported

Global Id: T0609700765
Action Type: RESPONSE
Date: 04/06/2007
Action: Interim Remedial Action Report

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 04/22/2013
Action: Staff Letter

Global Id: T0609700765
Action Type: RESPONSE
Date: 12/18/2008
Action: Remedial Progress Report

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 01/15/2009
Action: Staff Letter

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 05/13/2008
Action: Waste Discharge Requirements

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 02/01/2013
Action: Notification - Public Notice of Case Closure

Global Id: T0609700765
Action Type: ENFORCEMENT
Date: 07/30/2012
Action: Staff Letter

LUST:
Global Id: T0609700765
Status: Open - Case Begin Date
Status Date: 07/11/1994

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 01/04/1999

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 06/30/1999

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 07/19/1999

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 08/23/1999

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 12/07/1999

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 08/16/2000

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 09/05/2000

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 10/01/2001

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 06/03/2002

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 07/16/2002

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 08/08/2002

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 12/30/2002

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 02/05/2003

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 02/10/2003

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 03/03/2003

Global Id: T0609700765
Status: Open - Site Assessment
Status Date: 01/06/2005

Global Id: T0609700765
Status: Open - Remediation
Status Date: 11/07/2005

Global Id: T0609700765
Status: Open - Remediation
Status Date: 11/17/2005

Global Id: T0609700765
Status: Open - Remediation
Status Date: 01/10/2006

Global Id: T0609700765
Status: Open - Remediation
Status Date: 05/11/2006

Global Id: T0609700765
Status: Open - Remediation
Status Date: 06/20/2006

Global Id: T0609700765
Status: Open - Remediation
Status Date: 06/21/2006

Global Id: T0609700765

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Status: Open - Remediation
Status Date: 05/20/2009

Global Id: T0609700765
Status: Open - Eligible for Closure
Status Date: 01/25/2013

Global Id: T0609700765
Status: Completed - Case Closed
Status Date: 10/18/2013

FINDS:

Registry ID: 110001155623

Environmental Interest/Information System

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

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

HAZARDOUS AIR POLLUTANT MAJOR

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

ECHO:

Envid: 1000435089
Registry ID: 110001155623
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001155623

EMI:

Name: ZUMWALT MAGRINI CHRYSLER
Address: 955 SANTA ROSA AVENUE
City,State,Zip: SANTA ROSA, CA 954020000
Year: 1987
County Code: 49
Air Basin: SF
Facility ID: 3840
Air District Name: BA
SIC Code: 5511
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

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

Name:	ZUMWALT MAGRINI CHRYSLER
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 954020000
Year:	1990
County Code:	49
Air Basin:	SF
Facility ID:	3840
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ZUMWALT MAGRINI CHRYSLER
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 954020000
Year:	1995
County Code:	49
Air Basin:	SF
Facility ID:	3840
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ZUMWALT MAGRINI CHRYSLER
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 954020000
Year:	1996
County Code:	49
Air Basin:	SF
Facility ID:	3840
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ZUMWALT MAGRINI CHRYSLER
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 954020000
Year:	1997
County Code:	49
Air Basin:	SF
Facility ID:	3840
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ZUMWALT MAGRINI CHRYSLER
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 954020000
Year:	1998
County Code:	49
Air Basin:	SF
Facility ID:	3840
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ZUMWALT MAGRINI CHRYSLER
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 954020000
Year:	1999
County Code:	49
Air Basin:	SF
Facility ID:	3840
Air District Name:	BA
SIC Code:	5511

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ZUMWALT MAGRINI CHRYSLER
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 954020000
Year:	2000
County Code:	49
Air Basin:	SF
Facility ID:	3840
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA ROSA CHRYSLER JEEP, INC
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 954020000
Year:	2002
County Code:	49
Air Basin:	SF
Facility ID:	13564
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA ROSA CHRYSLER JEEP, INC
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 954020000
Year:	2003
County Code:	49
Air Basin:	SF

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Facility ID:	13564
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA ROSA CHRYSLER JEEP, INC
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 954020000
Year:	2004
County Code:	49
Air Basin:	SF
Facility ID:	13564
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.437
Reactive Organic Gases Tons/Yr:	0.3054684
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANTA ROSA CHRYSLER JEEP, INC
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 954020000
Year:	2005
County Code:	49
Air Basin:	SF
Facility ID:	13564
Air District Name:	BA
SIC Code:	5511
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.437
Reactive Organic Gases Tons/Yr:	.3054684
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	SANTA ROSA CHRYSLER JEEP INC
Address:	955 SANTA ROSA AVE

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

City,State,Zip: SANTA ROSA, CA 954045417
Year: 2004
GEPAID: CAD029437399
Contact: GEORGE BERNHEIM/EX: 417
Telephone: 7075462824
Mailing Name: Not reported
Mailing Address: 955 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954045417
Gen County: Sonoma
TSD EPA ID: CAT000613943
TSD County: Sonoma
Tons: 0.53793
CA Waste Code: NONE-
Method: H01-Transfer Station
Facility County: Sonoma

Name: SANTA ROSA CHRYSLER JEEP INC
Address: 955 SANTA ROSA AVE
City,State,Zip: SANTA ROSA, CA 954045417
Year: 2004
GEPAID: CAD029437399
Contact: GEORGE BERNHEIM/EX: 417
Telephone: 7075462824
Mailing Name: Not reported
Mailing Address: 955 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954045417
Gen County: Sonoma
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Tons: 0.72975
CA Waste Code: 223-Unspecified oil-containing waste
Method: R01-Recycler
Facility County: Sonoma

Name: SANTA ROSA CHRYSLER JEEP INC
Address: 955 SANTA ROSA AVE
City,State,Zip: SANTA ROSA, CA 954045417
Year: 2004
GEPAID: CAD029437399
Contact: GEORGE BERNHEIM/EX: 417
Telephone: 7075462824
Mailing Name: Not reported
Mailing Address: 955 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954045417
Gen County: Sonoma
TSD EPA ID: CAT000613943
TSD County: Sonoma
Tons: 0.0714
CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent
Method: H01-Transfer Station
Facility County: Sonoma

Name: SANTA ROSA CHRYSLER JEEP INC
Address: 955 SANTA ROSA AVE
City,State,Zip: SANTA ROSA, CA 954045417
Year: 2004
GEPAID: CAD029437399

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Contact: GEORGE BERNHEIM/EX: 417
Telephone: 7075462824
Mailing Name: Not reported
Mailing Address: 955 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954045417
Gen County: Sonoma
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Tons: 0.3
CA Waste Code: 352-Other organic solids
Method: H01-Transfer Station
Facility County: Sonoma

Name: SANTA ROSA CHRYSLER JEEP INC
Address: 955 SANTA ROSA AVE
City,State,Zip: SANTA ROSA, CA 954045417
Year: 2004
GEPAID: CAD029437399
Contact: GEORGE BERNHEIM/EX: 417
Telephone: 7075462824
Mailing Name: Not reported
Mailing Address: 955 SANTA ROSA AVE
Mailing City,St,Zip: SANTA ROSA, CA 954045417
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sacramento
Tons: 0.347
CA Waste Code: 212-Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method: H01-Transfer Station
Facility County: Sonoma

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

HIST CORTESE:
edr_fname: ZUMWALT-MAGRINI (SANTA RO
edr_fadd1: 955 SANTA ROSA
City,State,Zip: SANTA ROSA, CA 95404
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 1TSR350

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

CIWQS:
Name: ZUMWALT-MAGRINI
Address: 955 SANTA ROSA AVENUE
City,State,Zip: SANTA ROSA, CA 95409

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

Agency:	Peter Magrini
Agency Address:	2402 Rancho Cabeza Drive, Santa Rosa, CA 95404
Place/Project Type:	Service/Commercial Site, NEC
SIC/NAICS:	Not reported
Region:	1
Program:	WDRNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee
Order Number:	R1-2006-0107
WDID:	1B08002RSON
NPDES Number:	Not reported
Adoption Date:	Not reported
Effective Date:	05/13/2008
Termination Date:	04/30/2012
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	A
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	38.46321
Longitude:	-122.6566

Name:	ZUMWALT-MAGRINI
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 95409
Agency:	Zumwalt Family Trust
Agency Address:	1152 Mee Lane, St. Helena, CA 94574
Place/Project Type:	Service/Commercial Site, NEC
SIC/NAICS:	Not reported
Region:	1
Program:	WDRNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee
Order Number:	R1-2006-0107
WDID:	1B08002RSON
NPDES Number:	Not reported
Adoption Date:	Not reported
Effective Date:	05/13/2008
Termination Date:	04/30/2012
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	A
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	38.46321
Longitude:	-122.6566

CERS:

Name:	ZUMWALT MAGRINI CHRYSLER
Address:	955 SANTA ROSA AVENUE
City,State,Zip:	SANTA ROSA, CA 95404-5417
Site ID:	506167
CERS ID:	110001155623

SANTA ROSA CHRYSLER JEEP INC (Continued) **1000435089**

CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: JOJI PULIDO
Entity Title: Not reported
Affiliation Address: 740 W FRANCISCO BLVD
Affiliation City: SANRAFAEL
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: THOMAS COGLIANO
Entity Title: Not reported
Affiliation Address: 955 SANTA ROSA AVE
Affiliation City: SANTAROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: ZUMWALT-MAGRINI
Address: 955 SANTA ROSA AVENUE
City,State,Zip: SANTA ROSA, CA 95404
Site ID: 233941
CERS ID: T0609700765
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: LOCAL PERMIT WORKER SANTA ROSA - SANTA ROSA, CITY OF
Entity Title: Not reported
Affiliation Address: 625 5th Street
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075433500

Affiliation Type Desc: Regional Board Caseworker
Entity Name: REGIONAL WATER BOARD SITE CLOSED - NORTH COAST RWQCB (REGION 1)
Entity Title: Not reported
Affiliation Address: 5550 SKYLANE BOULEVARD, SUITE A
Affiliation City: SANTA ROSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7075762220

216
North
1/2-1
0.988 mi.
5215 ft.

FARAUDOS AUTO DISMANTLERS
1061 N DUTTON
SANTA ROSA, CA 95401

ENVIROSTOR **S100183349**
N/A

Relative:
Higher

Actual:
142 ft.

ENVIROSTOR:

Name:	FARAUDOS AUTO DISMANTLERS
Address:	1061 N DUTTON
City,State,Zip:	SANTA ROSA, CA 95401
Facility ID:	49500020
Status:	Refer: RWQCB
Status Date:	10/08/1993
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	10
Senate:	02
Special Program:	* Rural County Survey Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.44524
Longitude:	-122.7307
APN:	010-441-012
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	010-441-012
Alias Type:	APN
Alias Name:	49500020
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	04/19/1988
Comments:	FACILITY IDENTIFIED PHONE DIR
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	04/22/1988
Comments:	SITE SCREENING DONE AUTO DISMANTLER
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

FARAUDOS AUTO DISMANTLERS (Continued) **S100183349**

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

AK217 **PG AND E GAS PLANT SANTA ROSA** **EDR MGP** **1008407778**
ENE **S SIDE 1ST NEAR B STREET** **N/A**
1/2-1 **SANTA ROSA, CA 95401**
0.994 mi.
5246 ft. **Site 2 of 2 in cluster AK**

Relative:
Higher

Manufactured Gas Plants:
No additional information available

Actual:
163 ft.

Count: 5 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SANTA ROSA	S104857215	EUROCAL AUTO BODY	WEST COLLEGE AVENUE 345		LUST
SANTA ROSA	S104857583	WEST COLLEGE AVENUE / CLOVER DRIVE	COLLEGE AVENUE, WEST	95401	CPS-SLIC, Notify 65
SANTA ROSA	1001230669	MCMINN STATE SUPERFUND SITE	SEBASTOPOL ROAD / WEST AVENUE	95407	SEMS
SANTA ROSA	S105050892	MCMINN AVENUE SUPERFUND AREA	SEBASTOPOL ROAD / ROSELAND ARE	95401	CPS-SLIC
SANTA ROSA	S102437873	SOUTHERN PACIFIC TRANS CO.	WEST THIRD ST. 20		LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/22/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 41

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
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: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes 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: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
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 inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

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

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

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

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

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

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

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
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: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

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

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

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

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
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: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

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

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
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: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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: No Update Planned

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: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 42

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
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: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
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: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
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: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005
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: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

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: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/28/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

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

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

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

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

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 27

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 49

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 10/24/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 40

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 03/07/2019
Date Data Arrived at EDR: 04/03/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
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: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
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: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

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

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 08/19/2019
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: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009
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: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

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

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
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 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

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

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

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

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 10

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/05/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/21/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 39
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 04/18/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 11
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

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

Date of Government Version: 03/01/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
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: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 09/30/2019
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: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/18/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
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: 05/15/2019
Date Data Arrived at EDR: 05/16/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 63

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
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: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/05/2019
Number of Days to Update: 31
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 41
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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 boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

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: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 70

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 27

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 05/17/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/22/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 06/05/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 47

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/20/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: 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: 05/16/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 13

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 05/30/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 53

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/17/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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: N/A
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/16/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 63

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/15/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/04/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 13

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 05/23/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 26

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 9

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/12/2019
Number of Days to Update: 42

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: 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: 02/06/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 79

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: 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: 05/31/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63
Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: 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

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/19/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 60

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 53

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 47

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 06/18/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 49

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/28/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 05/09/2019
Date Data Arrived at EDR: 05/10/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 68

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: 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: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

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

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

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

MED WASTE VENTURA: 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: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 42
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 76
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
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: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BOYS AND GIRLS CLUB SONOMA-MARIN
801 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

TARGET PROPERTY COORDINATES

Latitude (North):	38.430417 - 38° 25' 49.50''
Longitude (West):	122.730236 - 122° 43' 48.85''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	523546.1
UTM Y (Meters):	4253400.0
Elevation:	141 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5602166 SANTA ROSA, CA
Version Date:	2012
West Map:	5602170 SEBASTOPOL, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

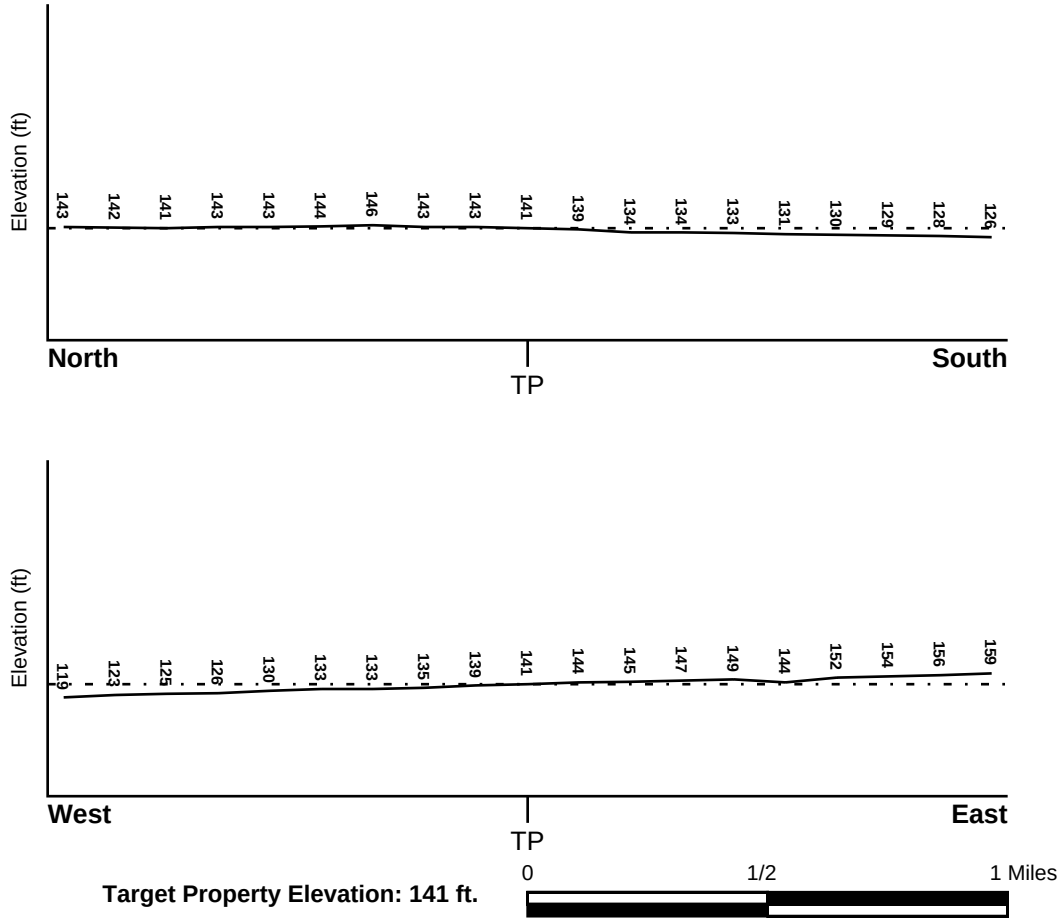
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06097C0736F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06097C0729E	FEMA FIRM Flood data
0603810010B	FEMA Q3 Flood data
06097C0737F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SANTA ROSA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	0 - 1/8 Mile ESE
Site Name:	Baugh, Ms. Wilson
Site EPA ID Number:	CAD983646050
Groundwater Flow Direction:	WSW, WITH VARIATIONS BECAUSE OF PUMPING OF EXTRACTION SYSTEMS AT TWO NEARBY GAS STATIONS. THE PREDOMINANT GROUNDWATER FLOW DIRECTION IN THE SITE VICINITY IS WSW, WITH VARIATIONS TO THE NNW.
Measured Depth to Water:	5 feet to 13 feet.
Hydraulic Connection:	The water table aquifer is unconfined and underlain by an approximately 25-foot thick silt and clay horizon with sand stringers. This horizon is encountered at depths of 18 to 26 feet. Less defined aquifers and aquitards underlie the water table aquifer
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/8 - 1/4 Mile SW	SW
2	1/8 - 1/4 Mile NNW	Not Reported
B5	1/4 - 1/2 Mile East	NW
B6	1/4 - 1/2 Mile East	NW
7	1/4 - 1/2 Mile ENE	NW
9	1/4 - 1/2 Mile WSW	SW
10	1/4 - 1/2 Mile WSW	WSW
11	1/2 - 1 Mile ESE	Varies
12	1/2 - 1 Mile WNW	Varies
13	1/2 - 1 Mile NNE	SW
16	1/2 - 1 Mile NE	Not Reported
18	1/2 - 1 Mile NNE	Not Reported
19	1/2 - 1 Mile North	NW, SW
20	1/2 - 1 Mile ENE	NNW
22	1/2 - 1 Mile East	Not Reported
24	1/2 - 1 Mile North	NW
27	1/2 - 1 Mile NNE	W
29	1/2 - 1 Mile NE	WSW
1G	1/2 - 1 Mile North	NW
2G	1/2 - 1 Mile NNE	W
3G	1/2 - 1 Mile North	NW, SW
4G	1/2 - 1 Mile NNE	Not Reported
5G	1/2 - 1 Mile NE	WSW
6G	1/2 - 1 Mile NNE	SW
7G	1/2 - 1 Mile NE	Not Reported
8G	1/2 - 1 Mile WNW	Varies
9G	1/2 - 1 Mile ENE	NNW
10G	1/8 - 1/4 Mile NNW	Not Reported
11G	1/4 - 1/2 Mile ENE	NW
12G	1/4 - 1/2 Mile East	NW
13G	1/4 - 1/2 Mile East	NW
14G	1/4 - 1/2 Mile WSW	WSW
15G	1/2 - 1 Mile East	Not Reported
16G	1/8 - 1/4 Mile SW	SW
17G	1/4 - 1/2 Mile WSW	SW
18G	1/2 - 1 Mile ESE	Varies

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

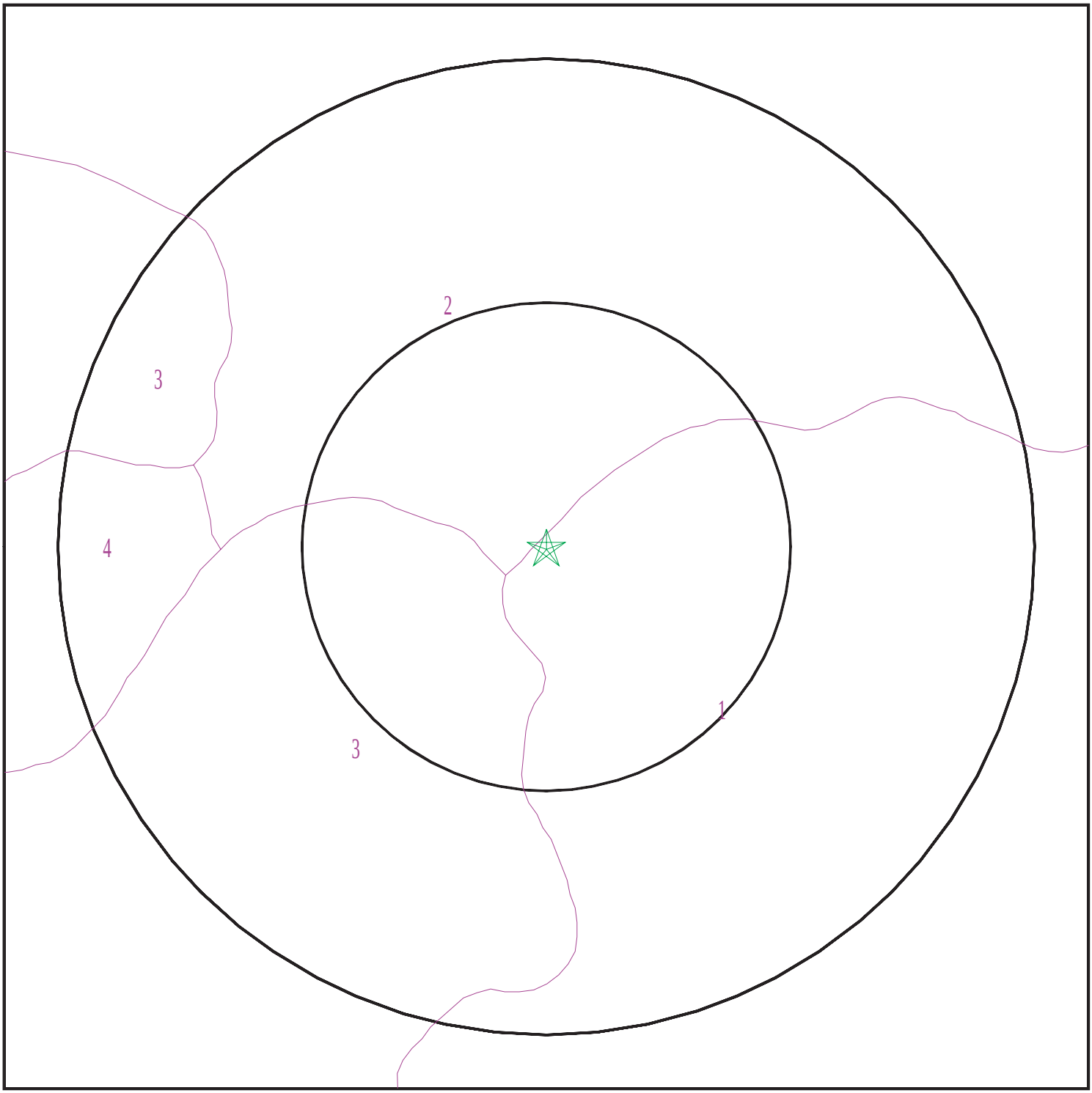
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5775903.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Boys and Girls Club Sonoma-Marin	CLIENT:	CKG Environmental
ADDRESS:	801 Sebastopol Road Santa Rosa CA 95407	CONTACT:	Chris Kennedy
		INQUIRY #:	5775903.2s
LAT/LONG:	38.430417 / 122.730236	DATE:	September 03, 2019 8:16 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: YOLO

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 6.1
2	7 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 6.1

Soil Map ID: 2

Soil Component Name: YOLO

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 1	Max: 8.4 Min: 6.1
2	7 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 1	Max: 8.4 Min: 6.1

Soil Map ID: 3

Soil Component Name: ZAMORA

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.6
2	5 inches	29 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.6
3	29 inches	40 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.6
4	40 inches	55 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.6
5	55 inches	59 inches	gravelly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.6

Soil Map ID: 4

Soil Component Name: YOLO

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 1	Max: 8.4 Min: 6.1
2	7 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 1	Max: 8.4 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D25	USGS40000188233	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	7414	1/8 - 1/4 Mile SE
A4	7413	1/8 - 1/4 Mile SE
8	7416	1/4 - 1/2 Mile SW
14	7406	1/2 - 1 Mile ENE
15	CADWR8000037990	1/2 - 1 Mile WNW
17	7415	1/2 - 1 Mile East
C21	CADWR8000037951	1/2 - 1 Mile SE
23	7417	1/2 - 1 Mile South
D26	CADWR8000037941	1/2 - 1 Mile SW
C28	7412	1/2 - 1 Mile SE
30	7420	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 5775903.2s

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Boys and Girls Club Sonoma-Marin	CLIENT:	CKG Environmental
ADDRESS:	801 Sebastopol Road Santa Rosa CA 95407	CONTACT:	Chris Kennedy
		INQUIRY #:	5775903.2s
LAT/LONG:	38.430417 / 122.730236	DATE:	September 03, 2019 8:16 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

1
SW
1/8 - 1/4 Mile
Lower

AQUIFLOW **71013**

Site ID:	Not Reported
Groundwater Flow:	SW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	08/01/1995

2
NNW
1/8 - 1/4 Mile
Higher

AQUIFLOW **70976**

Site ID:	Not Reported
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	15.5
Date:	12/12/1997

A3
SE
1/8 - 1/4 Mile
Lower

CA WELLS **7414**

Seq:	7414	Prim sta c:	07N/08W-27A08 M
Frds no:	4900889001	County:	49
District:	03	User id:	RXR
System no:	4900889	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	382543.0	Longitude:	1224335.0
Precision:	2	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4900889	System nam:	Avalon Apartments
Hqname:	Not Reported	Address:	60 Palm Way
City:	Santa Rosa	State:	CA
Zip:	94941	Zip ext:	Not Reported
Pop serv:	100	Connection:	24
Area serve:	Not Reported		

A4
SE
1/8 - 1/4 Mile
Lower

CA WELLS **7413**

Seq:	7413	Prim sta c:	07N/08W-27A07 M
Frds no:	4900914001	County:	49
District:	03	User id:	RXR
System no:	4900914	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	382541.0	Longitude:	1224337.0
Precision:	2	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4900914	System nam:	Cottage Apartments

Hqname:	Not Reported	Address:	16 Brookside
City:	Sebastopol	State:	CA
Zip:	94947	Zip ext:	Not Reported
Pop serv:	80	Connection:	39
Area serve:	Not Reported		

B5
East
1/4 - 1/2 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	NW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	10/16/1991

AQUIFLOW **70978**

B6
East
1/4 - 1/2 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	NW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	07/05/1991

AQUIFLOW **71016**

7
ENE
1/4 - 1/2 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	NW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	10/16/1991

AQUIFLOW **70282**

8
SW
1/4 - 1/2 Mile
Lower

CA WELLS **7416**

Seq:	7416	Prim sta c:	07N/08W-27F02 M
Frds no:	4900764001	County:	49
District:	03	User id:	RXR
System no:	4900764	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	382535.0	Longitude:	1224358.0
Precision:	2	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4900764	System nam:	SUNSET APARTMENTS
Hqname:	Not Reported	Address:	544 COLLEGE AVE.
City:	SANTA ROSA	State:	CA
Zip:	95404	Zip ext:	Not Reported
Pop serv:	75	Connection:	20
Area serve:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
9 **WSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SW 11.34 11.44 Not Reported 01/28/1994	**AQUIFLOW**	**71019**
10 **WSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported WSW 12 18 Not Reported 08/1992	**AQUIFLOW**	**70293**
11 **ESE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Varies 6.80 13.73 Not Reported 08/16/1994	**AQUIFLOW**	**54553**
12 **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Varies Not Reported Not Reported Not Reported 02/26/1993	**AQUIFLOW**	**70913**
13 **NNE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SW 7 8 Not Reported 01/21/1994	**AQUIFLOW**	**70959**

14
ENE
1/2 - 1 Mile
Higher

CA WELLS **7406**

Seq:	7406	Prim sta c:	07N/08W-23M01 M
Frds no:	4910009003	County:	49
District:	03	User id:	RXR
System no:	4910009	Water type:	G
Source nam:	GRACE WELL - AGRICULTURAL	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	382601.0	Longitude:	1224258.0
Precision:	2	Status:	AG
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4910009	System nam:	Santa Rosa, City of
Hqname:	Not Reported	Address:	P.O. BOX 1658

City:	SANTA ROSA	State:	CA
Zip:	95403	Zip ext:	Not Reported
Pop serv:	113313	Connection:	38388
Area serve:	SANTA ROSA		

15
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000037990**

State Well #:	07N08W21J001M	Station ID:	5492
Well Name:	07N08W21J001M	Well Use:	Unknown
Well Type:	Single Well	Well Depth:	360
Basin Name:	Santa Rosa Plain	Well Completion Rpt #:	110431

16
NE
1/2 - 1 Mile
Higher

AQUIFLOW **54567**

Site ID:	Not Reported
Groundwater Flow:	Not Reported
Shallow Water Depth:	13.6
Deep Water Depth:	18.5
Average Water Depth:	Not Reported
Date:	10/22/1992

17
East
1/2 - 1 Mile
Higher

CA WELLS **7415**

Seq:	7415	Prim sta c:	07N/08W-27C02 M
Frds no:	4900675001	County:	49
District:	03	User id:	RXR
System no:	4900675	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	382546.0	Longitude:	1224251.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4900675	System nam:	ROSELAND MOBILE HOME PARK
Hqname:	Not Reported	Address:	1355 SEBASTOPOL RD
City:	SANTA ROSA	State:	CA
Zip:	95401	Zip ext:	Not Reported
Pop serv:	100	Connection:	68
Area serve:	Not Reported		

Sample date:	05-MAR-18	Finding:	480.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		

Sample date:	05-MAR-18	Finding:	7.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	13-DEC-17	Finding:	7.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	13-DEC-17	Finding:	410.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	02-OCT-17	Finding:	6.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-OCT-17	Finding:	450.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	13-SEP-17	Finding:	6.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-SEP-17	Finding:	640.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	13-JUN-17	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUN-17	Finding:	380.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	06-MAR-17	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-DEC-16	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-DEC-16	Finding:	63.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	06-SEP-16	Finding:	450.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	06-SEP-16	Finding:	7.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JUN-16	Finding:	6.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JUN-16	Finding:	490.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	16-MAY-16	Finding:	1.48
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-MAY-16	Finding:	1.62
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	07-MAR-16	Finding:	390.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	07-MAR-16	Finding:	6.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-DEC-15	Finding:	69.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	08-DEC-15	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-SEP-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-SEP-15	Finding:	370.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	23-JUN-15	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	11.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	1.4
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		
Sample date:	23-JUN-15	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	230.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	280.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	180.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	23.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	23-JUN-15	Finding:	30.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	29.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	21.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	14.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	23-JUN-15	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	23-JUN-15	Finding:	200.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	23-JUN-15	Finding:	480.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	23-JUN-15	Finding:	340.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUN-15	Finding:	1.
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	27-MAR-15	Finding:	380.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	27-MAR-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-DEC-14	Finding:	470.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	29-DEC-14	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-SEP-14	Finding:	390.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	30-SEP-14	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	30-JUN-14	Finding:	480.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	30-JUN-14	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-APR-14	Finding:	410.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	09-APR-14	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-DEC-13	Finding:	340.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	30-DEC-13	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-SEP-13	Finding:	390.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	30-SEP-13	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-JUN-13	Finding:	420.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	21-JUN-13	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-MAR-13	Finding:	460.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	27-MAR-13	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-DEC-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-SEP-12	Finding:	500.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	28-SEP-12	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	29-JUN-12	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JUN-12	Finding:	300.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	69.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	32.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	28.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	21.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	13.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	27-JUN-12	Finding:	180.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	27-JUN-12	Finding:	420.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	27-JUN-12	Finding:	350.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	27-JUN-12	Finding:	0.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported

Dlr:	0.		
Sample date:	27-JUN-12	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	30-MAR-12	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

18
NNE
1/2 - 1 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	Not Reported
Shallow Water Depth:	9
Deep Water Depth:	10
Average Water Depth:	Not Reported
Date:	04/27/1994

AQUIFLOW **70987**

19
North
1/2 - 1 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	NW, SW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	10/1998

AQUIFLOW **70569**

20
ENE
1/2 - 1 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	NNW
Shallow Water Depth:	14.5
Deep Water Depth:	15
Average Water Depth:	Not Reported
Date:	12/1993

AQUIFLOW **70995**

C21
SE
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000037951**

State Well #:	07N08W26L002M	Station ID:	29454
Well Name:	07N08W26L002M	Well Use:	Residential
Well Type:	Single Well	Well Depth:	258
Basin Name:	Santa Rosa Plain	Well Completion Rpt #:	3461

22
East
1/2 - 1 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	Not Reported
Shallow Water Depth:	14
Deep Water Depth:	17
Average Water Depth:	Not Reported
Date:	02/11/1999

AQUIFLOW **70926**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

23
South
1/2 - 1 Mile
Lower

CA WELLS **7417**

Seq:	7417	Prim sta c:	07N/08W-27G02 M
Frds no:	4900834001	County:	49
District:	03	User id:	RXR
System no:	4900834	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	382503.0	Longitude:	1224345.0
Precision:	2	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4900834	System nam:	Chelsea Garden Apartments
Hqname:	Not Reported	Address:	1220 Mc MINN ST.
City:	SANTA ROSA	State:	CA
Zip:	95407	Zip ext:	Not Reported
Pop serv:	240	Connection:	80
Area serve:	Not Reported		

24
North
1/2 - 1 Mile
Higher

AQUIFLOW **70931**

Site ID:	Not Reported
Groundwater Flow:	NW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	20
Date:	06/13/1990

D25
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000188233**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N008W27N002M	Type:	Well
Description:	Not Reported	HUC:	18010110
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19730627	Well Depth:	65
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1973-06-27
Feet below surface:	18.00	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
D26 **SW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000037941**

State Well #:	07N08W27N002M	Station ID:	5494
Well Name:	07N08W27N002M	Well Use:	Residential
Well Type:	Single Well	Well Depth:	65
Basin Name:	Santa Rosa Plain	Well Completion Rpt #:	74694

---

27 **NNE** **1/2 - 1 Mile** **Higher**	Site ID:	Not Reported	**AQUIFLOW**	**70190**
	Groundwater Flow:	W		
	Shallow Water Depth:	9.5		
	Deep Water Depth:	10.5		
	Average Water Depth:	Not Reported		
	Date:	04/25/1997		

C28 **SE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**7412**

Seq:	7412	Prim sta c:	07N/08W-26L02 M
Frds no:	4900858001	County:	49
District:	03	User id:	RXR
System no:	4900858	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	382517.0	Longitude:	1224259.0
Precision:	1	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4900858	System nam:	CORBY AVENUE APARTMENTS
Hqname:	Not Reported	Address:	800 E. MENDOCINO AVE.
City:	SANTA ROSA	State:	CA
Zip:	95401	Zip ext:	Not Reported
Pop serv:	30	Connection:	12
Area serve:	Not Reported		

---

29 **NE** **1/2 - 1 Mile** **Higher**	Site ID:	Not Reported	**AQUIFLOW**	**70582**
	Groundwater Flow:	WSW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Date:	04/24/1996		

---

30 **West** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**7420**

Seq:	7420	Prim sta c:	07N/08W-28B01 M
Frds no:	4900832001	County:	49

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District:	03	User id:	RXR
System no:	4900832	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	382540.0	Longitude:	1224449.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4900832	System nam:	LEISURE MOBILE HOME PARK
Hqname:	Not Reported	Address:	2185 OCCIDENTAL RD
City:	SANTA ROSA	State:	CA
Zip:	95401	Zip ext:	Not Reported
Pop serv:	410	Connection:	180
Area serve:	Not Reported		

Sample date:	08-DEC-16	Finding:	3.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

1G
North
1/2 - 1 Mile
Lower

Site ID:	Not Reported
Groundwater Flow:	NW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	20
Date:	06/13/1990

AQUIFLOW **70931**

2G
NNE
1/2 - 1 Mile
Lower

Site ID:	Not Reported
Groundwater Flow:	W
Shallow Water Depth:	9.5
Deep Water Depth:	10.5
Average Water Depth:	Not Reported
Date:	04/25/1997

AQUIFLOW **70190**

3G
North
1/2 - 1 Mile
Lower

Site ID:	Not Reported
Groundwater Flow:	NW, SW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	10/1998

AQUIFLOW **70569**

4G
NNE
1/2 - 1 Mile
Lower

Site ID:	Not Reported
Groundwater Flow:	Not Reported
Shallow Water Depth:	9
Deep Water Depth:	10
Average Water Depth:	Not Reported
Date:	04/27/1994

AQUIFLOW **70987**

5G
NE
1/2 - 1 Mile
Lower

Site ID:	Not Reported
Groundwater Flow:	WSW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	04/24/1996

AQUIFLOW **70582**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
6G **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SW 7 8 Not Reported 01/21/1994	**AQUIFLOW**	**70959**
7G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported 13.6 18.5 Not Reported 10/22/1992	**AQUIFLOW**	**54567**
8G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Varies Not Reported Not Reported Not Reported 02/26/1993	**AQUIFLOW**	**70913**
9G **ENE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported NNW 14.5 15 Not Reported 12/1993	**AQUIFLOW**	**70995**
10G **NNW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 15.5 12/12/1997	**AQUIFLOW**	**70976**
11G **ENE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported NW Not Reported Not Reported Not Reported 10/16/1991	**AQUIFLOW**	**70282**
12G **East** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported NW Not Reported Not Reported Not Reported 10/16/1991	**AQUIFLOW**	**70978**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
13G **East** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported NW Not Reported Not Reported Not Reported 07/05/1991	**AQUIFLOW**	**71016**
14G **WSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported WSW 12 18 Not Reported 08/1992	**AQUIFLOW**	**70293**
15G **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported 14 17 Not Reported 02/11/1999	**AQUIFLOW**	**70926**
16G **SW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SW Not Reported Not Reported Not Reported 08/01/1995	**AQUIFLOW**	**71013**
17G **WSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported SW 11.34 11.44 Not Reported 01/28/1994	**AQUIFLOW**	**71019**
18G **ESE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Varies 6.80 13.73 Not Reported 08/16/1994	**AQUIFLOW**	**54553**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95407	18	0

Federal EPA Radon Zone for SONOMA County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95407

Number of sites tested: 4

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.475 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Boys and Girls Club Sonoma-Marin
801 Sebastopol Road
Santa Rosa, CA 95407

Inquiry Number: 5775903.2s
September 12, 2019

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	**ES1**
Primary Map	**2**
Secondary Map	**3**
Map Findings	**4**
Record Sources and Currency	**GR-1**

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 EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Federal NPL site list	1.0	0	0	0
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	1	0
Federal CERCLIS NFRAP site list	0.5	0	0	1
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
State- and tribal - equivalent NPL	1.0	0	0	0
State- and tribal - equivalent CERCLIS	1.0	0	0	1
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0
State and tribal leaking storage tank lists	0.5	0	5	17
State and tribal registered storage tank lists	0.25	0	0	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS				
Local Brownfield lists	0.5	0	0	1
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	1
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	1	3
Local Lists of Registered Storage Tanks	0.25	0	1	2
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	0	1
Other Ascertainable Records	1.0	0	6	20

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	4	1
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	4	1
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

BOYS AND GIRLS CLUB SONOMA-MARIN
801 SEBASTOPOL ROAD
SANTA ROSA, CA 95407

COORDINATES

Latitude (North):	38.430417 - 38° 25′ 49.497986″
Longitude (West):	122.730236 - 122° 43′ 48.83606″
Elevation:	141 ft. above sea level

EXECUTIVE SUMMARY

SEARCH RESULTS

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

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
BAUGH, MS. WILSON SEMS: SEMS HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST SWEEPS UST: SWEEPS UST CA FID UST: CA FID UST	805 SEBASTOPOL RD.	<1/10 SE	▲ A1	13
BSC CLEANERS (FORMER) ENF: ENF CERS: CERS CPS-SLIC: CPS-SLIC	800 SEBASTOPOL ROAD	<1/10 SE	▲ A3	14
SEBASTOPOL RD @ WEST AVENUE - HVOC PLUME CPS-SLIC: CPS-SLIC NON-CASE INFO: NON-CASE INFO	SEBASTOPOL ROAD	<1/10 ESE	▲ C6	15
ROSELAND CLEANERS CERS: CERS CPS-SLIC: CPS-SLIC	761 SEBASTOPOL ROAD	<1/10 ESE	▲ C7	15
ROSELAND VILLAGE SHOPING CENTER NPDES: NPDES LUST: LUST	665 SEBASTOPOL RD	<1/10 ESE	▲ C10	16
CLEANING MART CERS: CERS CPS-SLIC: CPS-SLIC	651 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ F12	17
YELLOW & ROADWAY FREIGHT HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST	270 DUTTON AVE	1/10 - 1/3 NE	▲ H14	17
NOR CAL GLASS COMPANY HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST	673 SEBASTOPOL	1/10 - 1/3 ENE	▲ J16	18
NORCAL GLASS CO. SEMS-ARCHIVE: SEMS-ARCHIVE	673 SEBASTOPOL RD.	1/10 - 1/3 ENE	▲ J17	18
ACI AMERICA GLASS LUST: LUST	673 SEBASTOPOL RD	1/10 - 1/3 ENE	▲ J18	18
REUBEN'S TACOS	565 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ K19	18

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
EMI: EMI CERS: CERS CPS-SLIC: CPS-SLIC Cortese: CORTESE				
RUBEN'S TACOS (FORMER SERVICE STATION) HIST CORTESE: HIST CORTESE ENF: ENF LUST: LUST	565 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ K20	19
LANGES CLEANERS CERS: CERS CPS-SLIC: CPS-SLIC	555 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ K21	19
MY CLEANERS / ECONOMY CLEANERS CERS: CERS CPS-SLIC: CPS-SLIC	426 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ O22	19
SHELL SERVICE STATION, DUTTON AVENUE HIST CORTESE: HIST CORTESE EMI: EMI ENF: ENF CERS: CERS LUST: LUST CPS-SLIC: CPS-SLIC Cortese: CORTESE Notify 65: NOTIFY 65	255 DUTTON AVENUE	1/10 - 1/3 ENE	▲ P26	20
WESTSIDE PLAZA DRY CLEANERS CERS: CERS CPS-SLIC: CPS-SLIC	320 W 3RD ST, SUITE H	1/10 - 1/3 NE	▲ 27	20
HARRIMAN, TOM & JEFF HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST	375 SEBASTOPOL	1/10 - 1/3 E	▲ O28	20
SEBASTOPOL UNION 76/ 7-11 STORE HIST CORTESE: HIST CORTESE CERS TANKS: CERS TANKS CERS: CERS LUST: LUST CERS HAZ WASTE: CERS HAZ WASTE SWRCY: SWRCY CUPA Listings: CUPA	370 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ O29	20
WESTSIDE UNOCAL LUST: LUST	370 SEBASTOPOL RD	1/10 - 1/3 E	▲ O30	20
SHELL OIL WHOLSALE PLANT HIST CORTESE: HIST CORTESE ENVIROSTOR: ENVIROSTOR ENF: ENF CERS: CERS CPS-SLIC: CPS-SLIC Notify 65: NOTIFY 65	257 DUTTON	1/10 - 1/3 ENE	▲ R32	21
EXCHANGE BANK & DATA CTR. LUST: LUST	330 SEBASTOPOL RD	1/10 - 1/3 E	▲ S33	21

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
EXCHANGE BANK HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST	330 SEBASTOPOL	1/10 - 1/3 E	▲ S34	21
MCGOWEN AUTO WRECKING (FORMER) CERS: CERS CPS-SLIC: CPS-SLIC	112 HOLBROOK	1/10 - 1/3 ENE	▲ R36	21

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
BAUGH, MS. WILSON SEMS: SEMS HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST SWEEPS UST: SWEEPS UST CA FID UST: CA FID UST	805 SEBASTOPOL RD.	<1/10 SE	▲ A1	13
BSC CLEANERS (FORMER) ENF: ENF CERS: CERS CPS-SLIC: CPS-SLIC	800 SEBASTOPOL ROAD	<1/10 SE	▲ A3	14
DOLLAR TREE #02162 CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE HAZNET: HAZNET CUPA Listings: CUPA	777 SEBASTOPOL RD	<1/10 SE	▲ C5	14
SEBASTOPOL RD @ WEST AVENUE - HVOC PLUME CPS-SLIC: CPS-SLIC NON-CASE INFO: NON-CASE INFO	SEBASTOPOL ROAD	<1/10 ESE	▲ C6	15
ROSELAND CLEANERS CERS: CERS CPS-SLIC: CPS-SLIC	761 SEBASTOPOL ROAD	<1/10 ESE	▲ C7	15
ROSELAND VILLAGE SHOPING CENTER NPDES: NPDES LUST: LUST	665 SEBASTOPOL RD	<1/10 ESE	▲ C10	16
CLEANING MART CERS: CERS CPS-SLIC: CPS-SLIC	651 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ F12	17
YELLOW & ROADWAY FREIGHT CIWQS: CIWQS CERS: CERS NPDES: NPDES SWEEPS UST: SWEEPS UST CA FID UST: CA FID UST CHMIRS: CHMIRS HIST UST: HIST UST CUPA Listings: CUPA	270 DUTTON	1/10 - 1/3 NE	▲ H13	17

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
YELLOW & ROADWAY FREIGHT HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST	270 DUTTON AVE	1/10 - 1/3 NE	▲ H14	17
YRC, INC. CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE	270 DUTTON AVENUE	1/10 - 1/3 NE	▲ H15	18
NOR CAL GLASS COMPANY HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST	673 SEBASTOPOL	1/10 - 1/3 ENE	▲ J16	18
REUBEN'S TACOS EMI: EMI CERS: CERS CPS-SLIC: CPS-SLIC Cortese: CORTESE	565 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ K19	18
RUBEN'S TACOS (FORMER SERVICE STATION) HIST CORTESE: HIST CORTESE ENF: ENF LUST: LUST	565 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ K20	19
LANGES CLEANERS CERS: CERS CPS-SLIC: CPS-SLIC	555 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ K21	19
MY CLEANERS / ECONOMY CLEANERS CERS: CERS CPS-SLIC: CPS-SLIC	426 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ O22	19
ROADRUNNER MOBILE TRUCK REPAIR INC CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE HAZNET: HAZNET CUPA Listings: CUPA	256 DUTTON AVE	1/10 - 1/3 ENE	▲ P23	19
HARRIMEN'S/DIAMOND LUMBER HIST CORTESE: HIST CORTESE ENF: ENF	275 DUTTON AVENUE	1/10 - 1/3 ENE	▲ P24	19
SHELL SERVICE STATION, DUTTON AVENUE HAZNET: HAZNET Cortese: CORTESE	255 DUTTON AVENUE	1/10 - 1/3 ENE	▲ P25	19
SHELL SERVICE STATION, DUTTON AVENUE HIST CORTESE: HIST CORTESE EMI: EMI ENF: ENF CERS: CERS LUST: LUST CPS-SLIC: CPS-SLIC Cortese: CORTESE Notify 65: NOTIFY 65	255 DUTTON AVENUE	1/10 - 1/3 ENE	▲ P26	20

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
WESTSIDE PLAZA DRY CLEANERS CERS: CERS CPS-SLIC: CPS-SLIC	320 W 3RD ST, SUITE H	1/10 - 1/3 NE	▲ 27	20
HARRIMAN, TOM & JEFF HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST	375 SEBASTOPOL	1/10 - 1/3 E	▲ O28	20
SEBASTOPOL UNION 76/ 7-11 STORE HIST CORTESE: HIST CORTESE CERS TANKS: CERS TANKS CERS: CERS LUST: LUST CERS HAZ WASTE: CERS HAZ WASTE SWRCY: SWRCY CUPA Listings: CUPA	370 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ O29	20
SHELL DZ PRODUCTS FACILITY CIWQS: CIWQS NPDES: NPDES Cortese: CORTESE	257 DUTTON AVENUE	1/10 - 1/3 ENE	▲ R31	20
SHELL OIL WHOLSALE PLANT HIST CORTESE: HIST CORTESE ENVIROSTOR: ENVIROSTOR ENF: ENF CERS: CERS CPS-SLIC: CPS-SLIC Notify 65: NOTIFY 65	257 DUTTON	1/10 - 1/3 ENE	▲ R32	21
EXCHANGE BANK HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST	330 SEBASTOPOL	1/10 - 1/3 E	▲ S34	21
ELSIE JACKSON TRUST PROPERTY US BROWNFIELDS: US BROWNFIELDS	250 SEBASTOPOL ROAD	1/10 - 1/3 E	▲ S35	21
MCGOWEN AUTO WRECKING (FORMER) CERS: CERS CPS-SLIC: CPS-SLIC	112 HOLBROOK	1/10 - 1/3 ENE	▲ R36	21

EDR HIGH RISK HISTORICAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
0 U R 66 SERVICE GAS STA EDR Hist Auto: EDR Hist Auto	805 SEBASTOPOL RD	<1/10 SE	▲ A2	13
B S C CLNS EDR Hist Cleaner: EDR Hist Cleaner	800 SEBASTOPOL RD	<1/10 SE	▲ A4	14
PAYLESS CLEANERS EDR Hist Cleaner: EDR Hist Cleaner	761 SEBASTOPOL RD	<1/10 ESE	▲ C8	15
MONTYS LAUNDERETTE	759 SEBASTOPOL RD	<1/10 ESE	▲ C9	16

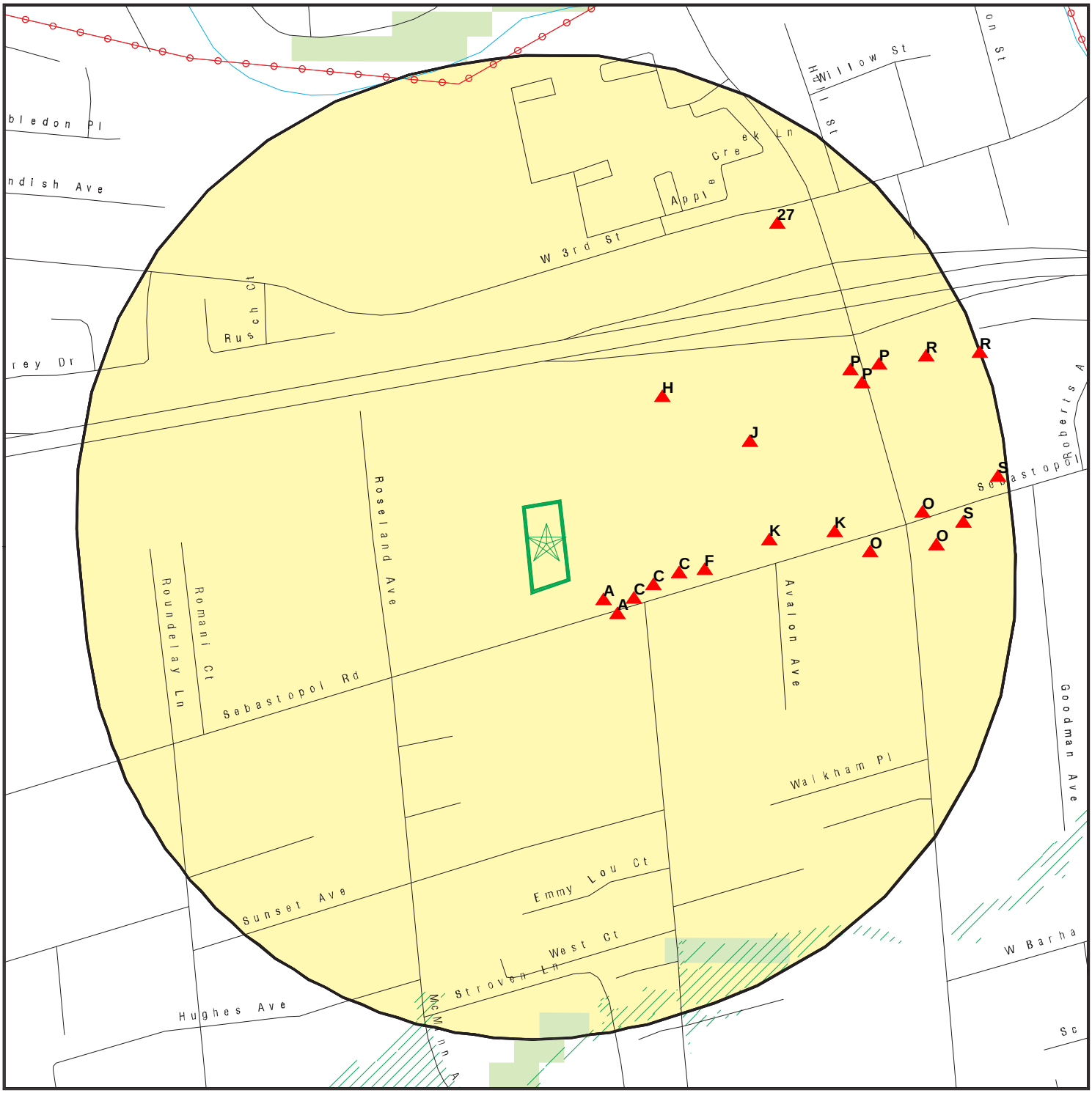
EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
EDR Hist Cleaner: EDR Hist Cleaner				
MINI MART DRY CLEANING	651 SEBASTOPOL RD	1/10 - 1/3 E	▲ F11	16
EDR Hist Cleaner: EDR Hist Cleaner				

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 5775903.2S



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

0 300 1/3 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

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

SITE NAME:	Boys and Girls Club Sonoma-Marin	CLIENT:	CKG Environmental
ADDRESS:	801 Sebastopol Road Santa Rosa CA 95407	CONTACT:	Chris Kennedy
		INQUIRY #:	5775903.2s
LAT/LONG:	38.430417 / 122.730236	DATE:	September 03, 2019 8:15 pm

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SECONDARY MAP - 5775903.2S

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Upgradient Area
- Areas of Concern

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

SITE NAME:	Boys and Girls Club Sonoma-Marin	CLIENT:	CKG Environmental
ADDRESS:	801 Sebastopol Road Santa Rosa CA 95407	CONTACT:	Chris Kennedy
LAT/LONG:	38.430417 / 122.730236	INQUIRY #:	5775903.2s
		DATE:	September 03, 2019 8:14 pm

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MAP FINDINGS

LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
◆ **MAP ID#**	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

BAUGH, MS. WILSON 805 SEBASTOPOL RD., SANTA ROSA, CA, 95407		1000707604
▲ A1	SE <1/10 (160 ft. / 0.03 mi.) 1 ft. Higher Elevation 142 ft. Above Sea Level	Federal CERCLIS list State and tribal leaking storage tank lists Local Lists of Registered Storage Tanks Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC Exists
Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES
Groundwater Flow Gradient:

Hydrogeologically: YES

Topographically: YES

Crossgradient: YES

0 U R 66 SERVICE GAS STA 805 SEBASTOPOL RD, SANTA ROSA, CA, 95401		1014159637
▲ A2	SE <1/10 (160 ft. / 0.03 mi.) 1 ft. Higher Elevation 142 ft. Above Sea Level	EDR Exclusive Records

Worksheet:

Impact on Target Property: VEC Exists
Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES
Groundwater Flow Gradient:

Hydrogeologically: YES

Topographically: YES

Crossgradient: YES

BSC CLEANERS (FORMER) 800 SEBASTOPOL ROAD, SANTA ROSA, CA, 95407			S107473135
▲ A3	SE <1/10	(236 ft. / 0.045 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	Equal Elevation	141 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Exists
Conditions:

Chemicals of Concern: YES
Groundwater Flow Gradient:

Hydrogeologically: YES

Topographically: YES

Crossgradient: YES

B S C CLNS 800 SEBASTOPOL RD, SANTA ROSA, CA,			1014144286
▲ A4	SE <1/10	(236 ft. / 0.045 mi.)	EDR Exclusive Records
	Equal Elevation	141 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist
Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES
Groundwater Flow Gradient:

Hydrogeologically: YES

Topographically: YES

Crossgradient: YES

DOLLAR TREE #02162 777 SEBASTOPOL RD, SANTA ROSA, CA, 95407			S113929606
▲ C5	SE <1/10	(267 ft. / 0.051 mi.)	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records
	1 ft. Higher Elevation	142 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist
Conditions:

Not Applicable: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

SEBASTOPOL RD @ WEST AVENUE - HVOC PLUME SEBASTOPOL ROAD, SANTA ROSA, CA, 95407			S103866798
▲ C6	ESE <1/10	(299 ft. / 0.057 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	1 ft. Higher Elevation	142 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist
Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES
Groundwater Flow Gradient:

Hydrogeologically: YES

Topographically: YES

Crossgradient: YES

ROSELAND CLEANERS 761 SEBASTOPOL ROAD, SANTA ROSA, CA, 95401			S106487422
▲ C7	ESE <1/10	(333 ft. / 0.063 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	2 ft. Higher Elevation	143 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Exists
Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

PAYLESS CLEANERS 761 SEBASTOPOL RD, SANTA ROSA, CA, 95401			1014143226
▲ C8	ESE <1/10	(333 ft. / 0.063 mi.)	EDR Exclusive Records
	2 ft. Higher Elevation	143 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Exists
Conditions:

Chemicals of Concern: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

MONTYS LAUNDERETTE 759 SEBASTOPOL RD, SANTA ROSA, CA,			1014147465
▲ C9	ESE <1/10	(335 ft. / 0.063 mi.)	EDR Exclusive Records
	2 ft. Higher Elevation	143 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Exists
Conditions:

Chemicals of Concern: YES
Groundwater Flow Gradient:

Hydrogeologically: YES

Topographically: YES

Crossgradient: YES

ROSELAND VILLAGE SHOPING CENTER 665 SEBASTOPOL RD, SANTA ROSA, CA, 95403			S106247496
▲ C10	ESE <1/10	(434 ft. / 0.082 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	2 ft. Higher Elevation	143 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Exists
Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

MINI MART DRY CLEANING 651 SEBASTOPOL RD, SANTA ROSA, CA, 95401			1014149951
▲ F11	E 1/10 - 1/3	(535 ft. / 0.101 mi.)	EDR Exclusive Records
	3 ft. Higher Elevation	144 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Exists
Conditions:

Chemicals of Concern: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

CLEANING MART 651 SEBASTOPOL ROAD, SANTA ROSA, CA, 95401			S107473139
▲ F12	E 1/10 - 1/3	(535 ft. / 0.101 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	3 ft. Higher Elevation	144 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Exists
Conditions:

Chemicals of Concern: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

YELLOW & ROADWAY FREIGHT 270 DUTTON, SANTA ROSA, CA, 95401			S101630585
▲ H13	NE 1/10 - 1/3	(573 ft. / 0.109 mi.)	Local Lists of Registered Storage Tanks Records of Emergency Release Reports Other Ascertainable Records
	2 ft. Higher Elevation	143 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist
Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

YELLOW & ROADWAY FREIGHT 270 DUTTON AVE, SANTA ROSA, CA, 95407			S104164498
▲ H14	NE 1/10 - 1/3	(573 ft. / 0.109 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	2 ft. Higher Elevation	143 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist
Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

YRC, INC. 270 DUTTON AVENUE, SANTA ROSA, CA, 95407			S121793304
▲ H15	NE 1/10 - 1/3	(573 ft. / 0.109 mi.)	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records
	2 ft. Higher Elevation	143 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist
Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

NOR CAL GLASS COMPANY 673 SEBASTOPOL, SANTA ROSA, CA, 95407			S103817529
▲ J16	ENE 1/10 - 1/3	(781 ft. / 0.148 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	3 ft. Higher Elevation	144 ft. Above Sea Level	

Worksheet:

NORCAL GLASS CO. 673 SEBASTOPOL RD., SANTA ROSA, CA, 95407			1000994775
▲ J17	ENE 1/10 - 1/3	(781 ft. / 0.148 mi.)	Federal CERCLIS NFRAP site list
	3 ft. Higher Elevation	144 ft. Above Sea Level	

Worksheet:

ACI AMERICA GLASS 673 SEBASTOPOL RD, SANTA ROSA, CA,			S106247497
▲ J18	ENE 1/10 - 1/3	(781 ft. / 0.148 mi.)	State and tribal leaking storage tank lists
	3 ft. Higher Elevation	144 ft. Above Sea Level	

Worksheet:

REUBEN'S TACOS 565 SEBASTOPOL ROAD, SANTA ROSA, CA, 95407			S105051118
▲ K19	E 1/10 - 1/3	(800 ft. / 0.151 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	4 ft. Higher Elevation	145 ft. Above Sea Level	

Worksheet:

RUBEN'S TACOS (FORMER SERVICE STATION) 565 SEBASTOPOL ROAD, SANTA ROSA, CA, 95401			S105026519
▲ K20	E 1/10 - 1/3	(800 ft. / 0.151 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	4 ft. Higher Elevation	145 ft. Above Sea Level	

Worksheet:

LANGES CLEANERS 555 SEBASTOPOL ROAD, SANTA ROSA, CA, 95401			S107473160
▲ K21	E 1/10 - 1/3	(1059 ft. / 0.201 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	4 ft. Higher Elevation	145 ft. Above Sea Level	

Worksheet:

MY CLEANERS / ECONOMY CLEANERS 426 SEBASTOPOL ROAD, SANTA ROSA, CA, 95401			S107473165
▲ O22	E 1/10 - 1/3	(1189 ft. / 0.225 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	4 ft. Higher Elevation	145 ft. Above Sea Level	

Worksheet:

ROADRUNNER MOBILE TRUCK REPAIR INC 256 DUTTON AVE, SANTA ROSA, CA, 95407			S113102056
▲ P23	ENE 1/10 - 1/3	(1251 ft. / 0.237 mi.)	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records
	7 ft. Higher Elevation	148 ft. Above Sea Level	

Worksheet:

HARRIMEN'S/DIAMOND LUMBER 275 DUTTON AVENUE, SANTA ROSA, CA, 95407			S100614709
▲ P24	ENE 1/10 - 1/3	(1274 ft. / 0.241 mi.)	Other Ascertainable Records
	7 ft. Higher Elevation	148 ft. Above Sea Level	

Worksheet:

SHELL SERVICE STATION, DUTTON AVENUE 255 DUTTON AVENUE, SANTA ROSA, CA, 95403			S113158232
▲ P25	ENE 1/10 - 1/3	(1364 ft. / 0.258 mi.)	Other Ascertainable Records
	8 ft. Higher Elevation	149 ft. Above Sea Level	

Worksheet:

MAP FINDINGS

SHELL SERVICE STATION, DUTTON AVENUE 255 DUTTON AVENUE, SANTA ROSA, CA, 95407			S101304919
▲ P26	ENE 1/10 - 1/3	(1364 ft. / 0.258 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	8 ft. Higher Elevation	149 ft. Above Sea Level	

Worksheet:

WESTSIDE PLAZA DRY CLEANERS 320 W 3RD ST, SUITE H, SANTA ROSA, CA, 95401			S121308075
▲ 27	NE 1/10 - 1/3	(1384 ft. / 0.262 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	6 ft. Higher Elevation	147 ft. Above Sea Level	

Worksheet:

HARRIMAN, TOM & JEFF 375 SEBASTOPOL, SANTA ROSA, CA, 95401			S100467873
▲ O28	E 1/10 - 1/3	(1410 ft. / 0.267 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	6 ft. Higher Elevation	147 ft. Above Sea Level	

Worksheet:

SEBASTOPOL UNION 76/ 7-11 STORE 370 SEBASTOPOL ROAD, SANTA ROSA, CA, 95407			S101304986
▲ O29	E 1/10 - 1/3	(1451 ft. / 0.275 mi.)	State and tribal leaking storage tank lists Local Lists of Landfill / Solid Waste Disposal Sites Local Lists of Hazardous waste / Contaminated Sites Local Lists of Registered Storage Tanks Other Ascertainable Records
	5 ft. Higher Elevation	146 ft. Above Sea Level	

Worksheet:

WESTSIDE UNOCAL 370 SEBASTOPOL RD, SANTA ROSA, CA,			S103817528
▲ O30	E 1/10 - 1/3	(1451 ft. / 0.275 mi.)	State and tribal leaking storage tank lists
	5 ft. Higher Elevation	146 ft. Above Sea Level	

Worksheet:

SHELL DZ PRODUCTS FACILITY 257 DUTTON AVENUE, SANTA ROSA, CA, 95403			S117698620
▲ R31	ENE 1/10 - 1/3	(1547 ft. / 0.293 mi.)	Other Ascertainable Records
	9 ft. Higher Elevation	150 ft. Above Sea Level	

Worksheet:

SHELL OIL WHOLSALE PLANT 257 DUTTON, SANTA ROSA, CA, 95407			S100179421
▲ R32	ENE 1/10 - 1/3	(1547 ft. / 0.293 mi.)	State- and tribal - equivalent CERCLIS State and tribal leaking storage tank lists Other Ascertainable Records
	9 ft. Higher Elevation	150 ft. Above Sea Level	

Worksheet:

EXCHANGE BANK & DATA CTR. 330 SEBASTOPOL RD, SANTA ROSA, CA,			S106247495
▲ S33	E 1/10 - 1/3	(1566 ft. / 0.297 mi.)	State and tribal leaking storage tank lists
	7 ft. Higher Elevation	148 ft. Above Sea Level	

Worksheet:

EXCHANGE BANK 330 SEBASTOPOL, SANTA ROSA, CA, 95401			S104163185
▲ S34	E 1/10 - 1/3	(1566 ft. / 0.297 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	7 ft. Higher Elevation	148 ft. Above Sea Level	

Worksheet:

ELSIE JACKSON TRUST PROPERTY 250 SEBASTOPOL ROAD, SANTA ROSA, CA, 95407			1024456326
▲ S35	E 1/10 - 1/3	(1721 ft. / 0.326 mi.)	Local Brownfield lists
	8 ft. Higher Elevation	149 ft. Above Sea Level	

Worksheet:

MCGOWEN AUTO WRECKING (FORMER) 112 HOLBROOK, SANTA ROSA, CA, 95401			S101669428
▲ R36	ENE 1/10 - 1/3	(1750 ft. / 0.331 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	10 ft. Higher Elevation	151 ft. Above Sea Level	

Worksheet:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	04/11/2019	04/18/2019	05/14/2019
US	Proposed NPL	Proposed National Priority List Sites	EPA	04/11/2019	04/18/2019	05/14/2019
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	04/11/2019	04/18/2019	05/23/2019
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	03/25/2019	03/27/2019	04/17/2019
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/25/2019	03/27/2019	04/17/2019
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/25/2019	03/27/2019	04/17/2019
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/25/2019	03/27/2019	04/17/2019
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/25/2019	03/27/2019	04/17/2019
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	02/22/2019	03/07/2019	04/17/2019
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	01/31/2019	02/04/2019	03/08/2019
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	01/31/2019	02/04/2019	03/08/2019
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	03/25/2019	03/26/2019	05/01/2019
State and tribal - equivalent NPL						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	04/29/2019	04/30/2019	06/27/2019
State and tribal - equivalent CERCLIS						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	04/29/2019	04/30/2019	06/27/2019
State and tribal landfill / solid waste disposal						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	05/13/2019	05/14/2019	07/17/2019
State and tribal leaking storage tank lists						
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/17/2018	03/07/2019	05/01/2019
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/10/2018	03/08/2019	05/01/2019
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/16/2018	03/07/2019	05/01/2019
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	02/19/2019	03/07/2019	05/01/2019
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	11/01/2018	03/07/2019	05/01/2019
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	09/24/2018	03/12/2019	05/01/2019
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/13/2018	03/07/2019	05/01/2019
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/12/2018	03/07/2019	05/01/2019
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
State and tribal registered storage tank lists						
CA	UST	Active UST Facilities	SWRCB	06/10/2019	06/11/2019	07/23/2019
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	06/10/2019	06/11/2019	07/24/2019
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	06/10/2019	06/12/2019	07/23/2019
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	12/04/2018	12/06/2018	12/14/2018
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/12/2018	03/07/2019	05/01/2019
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	10/17/2018	03/07/2019	05/01/2019
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/10/2018	03/08/2019	05/01/2019
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/16/2018	03/07/2019	05/01/2019
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/03/2018	03/07/2019	05/01/2019
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	09/24/2018	03/12/2019	05/01/2019
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	11/01/2018	03/07/2019	05/01/2019
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	11/07/2018	03/07/2019	05/01/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal voluntary cleanup sites						
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	04/29/2019	04/30/2019	06/27/2019
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
State and tribal Brownfields sites						
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	03/25/2019	03/26/2019	04/29/2019
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	03/31/2019	04/23/2019	05/23/2019
US	ROD	Records Of Decision	EPA	04/11/2019	04/18/2019	05/23/2019
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	04/11/2019	04/18/2019	05/23/2019
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CA	SWRCY	Recycler Database	Department of Conservation	03/11/2019	03/13/2019	04/30/2019
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	09/11/2018	09/12/2018	10/11/2018
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/25/2019	03/26/2019	05/07/2019
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	02/24/2019	02/26/2019	04/17/2019
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	04/11/2019	04/18/2019	05/14/2019
US	Delisted NPL	National Priority List Deletions	EPA	04/11/2019	04/18/2019	05/14/2019
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	04/11/2019	04/18/2019	05/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/25/2019	03/27/2019	04/17/2019
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/25/2019	03/26/2019	05/14/2019
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	12/03/2018	01/29/2019	03/21/2019
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	02/24/2019	02/26/2019	04/17/2019
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	12/17/2018	12/18/2018	01/11/2019
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	03/07/2019	04/03/2019	05/23/2019
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/27/2018	02/27/2019	04/01/2019
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	04/11/2019	04/18/2019	05/23/2019
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	03/20/2019	04/10/2019	05/14/2019
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	RADINFO	Radiation Information Database	Environmental Protection Agency	04/02/2019	04/02/2019	05/14/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	02/15/2019	03/05/2019	03/15/2019
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	04/25/2019	05/02/2019	05/23/2019
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	03/27/2019	03/28/2019	05/01/2019
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2017	06/12/2018	08/06/2018
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	10/24/2018	01/24/2019	03/05/2019
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	03/25/2019	03/26/2019	05/01/2019
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	05/01/2019	05/14/2019	07/17/2019
CA	CUPA SAN FRANCISCO CO	CUPA Facility Listing	San Francisco County Department of Environmen	04/18/2019	04/19/2019	04/30/2019
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	03/04/2019	03/05/2019	04/01/2019
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	03/01/2019	04/25/2019	05/30/2019
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	02/27/2019	02/28/2019	04/01/2019
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	03/19/2019	03/22/2019	04/09/2019
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2017	06/20/2018	08/06/2018
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	11/01/2018	11/02/2018	12/13/2018
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	04/22/2019	04/23/2019	06/26/2019
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	05/15/2019	05/16/2019	07/18/2019
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	03/26/2019	03/27/2019	04/30/2019
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2017	05/29/2019	07/22/2019
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	05/20/2019	05/21/2019	07/18/2019
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	04/08/2019	04/09/2019	05/30/2019
CA	ICE	ICE	Department of Toxic Subsances Control	05/20/2019	05/21/2019	07/18/2019
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	12/10/2018	12/11/2018	01/15/2019
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	02/28/2019	03/01/2019	04/02/2019
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	06/10/2019	06/11/2019	07/24/2019
CA	MINES	Mines Site Location Listing	Department of Conservation	12/10/2018	12/12/2018	01/15/2019
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	02/20/2019	03/05/2019	04/02/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	05/13/2019	05/14/2019	07/17/2019
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	03/04/2019	03/05/2019	04/05/2019
CA	PROC	Certified Processors Database	Department of Conservation	03/11/2019	03/13/2019	04/29/2019
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	03/18/2019	03/19/2019	04/29/2019
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	04/29/2019	04/30/2019	06/27/2019
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	04/27/2018	06/13/2018	07/17/2018
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	05/08/2018	07/11/2018	09/13/2018
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	04/07/2019	04/09/2019	05/23/2019
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	06/10/2019	06/11/2019	07/24/2019
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	06/10/2019	06/11/2019	07/24/2019
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	06/10/2019	06/11/2019	07/24/2019
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	06/10/2019	06/11/2019	07/24/2019
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	04/09/2019	04/11/2019	05/08/2019
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	04/09/2019	04/11/2019	05/08/2019
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	04/09/2019	04/11/2019	05/08/2019
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	06/10/2019	06/11/2019	07/24/2019
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	06/10/2019	06/11/2019	07/24/2019
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	06/10/2019	06/11/2019	07/24/2019
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	06/10/2019	06/11/2019	07/24/2019
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	06/28/2019	06/28/2019	07/24/2019
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	03/05/2019	03/05/2019	04/02/2019
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/31/2018	07/26/2018	10/05/2018
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2017	01/17/2019	04/01/2019
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	03/11/2019	03/13/2019	04/29/2019
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/19/2019	02/21/2019	04/01/2019

HISTORICAL USE RECORDS

US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
COUNTY RECORDS						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	01/09/2019	01/11/2019	03/05/2019
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	04/10/2019	04/11/2019	06/20/2019
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	06/27/2019	06/28/2019	07/24/2019
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	05/01/2019	05/02/2019	05/29/2019
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	05/17/2019	05/21/2019	07/18/2019
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	05/22/2019	05/23/2019	07/18/2019
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	02/20/2019	05/01/2019	05/30/2019
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	06/05/2019	06/06/2019	07/23/2019
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	04/10/2019	04/11/2019	04/30/2019
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	12/11/2018	12/13/2018	01/15/2019
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	04/24/2019	04/25/2019	06/27/2019
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	05/06/2019	05/07/2019	07/16/2019
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	05/16/2019	05/17/2019	05/30/2019
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	05/30/2019	05/31/2019	07/23/2019
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	01/17/2019	01/18/2019	03/05/2019
CA	AOCONCERN	Key Areas of Concerns in Los Angeles County		03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	05/13/2019	05/16/2019	07/18/2019
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	04/15/2019	04/16/2019	06/21/2019
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	01/01/2019	01/15/2019	03/07/2019
CA	LOS ANGELES AST	Active & Inactive AST Inventory	Los Angeles Fire Department	01/01/2019	04/05/2019	05/29/2019
CA	LOS ANGELES CO LF METHANE	Methane Producing Landfills	Los Angeles County Department of Public Works	04/30/2012	04/17/2019	05/29/2019
CA	LOS ANGELES HM	Active & Inactive Hazardous Materials Inventory	Los Angeles Fire Department	01/01/2019	04/05/2019	05/29/2019
CA	LOS ANGELES UST	Active & Inactive UST Inventory	Los Angeles Fire Department	01/01/2019	04/05/2019	05/29/2019
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	04/08/2019	04/16/2019	06/21/2019
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	04/22/2019	04/23/2019	06/27/2019
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	04/04/2019	04/23/2019	06/27/2019
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	02/20/2019	02/22/2019	03/07/2019
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	09/26/2018	10/04/2018	11/02/2018
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	05/29/2019	05/30/2019	07/22/2019
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	05/23/2019	05/30/2019	07/22/2019
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	02/05/2019	02/07/2019	03/05/2019
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	02/21/2019	02/22/2019	03/08/2019
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	05/20/2019	05/21/2019	05/30/2019
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	05/01/2019	05/09/2019	05/30/2019
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	05/01/2019	05/09/2019	05/30/2019
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	04/02/2019	05/07/2019	07/16/2019
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	02/28/2019	03/01/2019	04/12/2019
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	03/31/2019	04/23/2019	06/26/2019
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	04/11/2019	04/12/2019	04/30/2019
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	04/11/2019	04/12/2019	06/20/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	02/05/2019	04/02/2019	06/18/2019
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	02/06/2019	04/02/2019	06/20/2019
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	03/11/2019	03/13/2019	04/30/2019
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	05/31/2019	05/31/2019	07/22/2019
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	03/04/2019	03/05/2019	04/02/2019
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	04/18/2018	04/24/2018	06/19/2018
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	04/24/2019	04/25/2019	06/27/2019
CA	SAN DIEGO CO SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	LUST SAN FRANCISCO	Local Oversite Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	11/05/2018	11/06/2018	12/14/2018
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	05/20/2019	05/21/2019	07/18/2019
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	03/04/2019	03/13/2019	04/29/2019
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	03/29/2019	03/29/2019	05/29/2019
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	05/16/2019	05/23/2019	07/18/2019
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	05/19/2019	05/23/2019	07/22/2019
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Manageme	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	03/05/2019	03/07/2019	04/29/2019
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2019	06/06/2019	07/23/2019
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	06/18/2019	06/25/2019	07/24/2019
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	04/03/2019	04/11/2019	04/30/2019
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	12/11/2018	12/13/2018	01/15/2019
CA	UST SUTTER	Underground Storage Tanks	Sutter County Environmental Health Services	06/03/2019	06/04/2019	07/23/2019
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	05/20/2019	05/21/2019	07/18/2019
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	04/24/2019	04/25/2019	06/28/2019
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	05/09/2019	05/10/2019	07/17/2019
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	03/26/2019	04/25/2019	06/27/2019
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	03/26/2019	04/25/2019	05/30/2019
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	06/10/2019	06/12/2019	07/24/2019
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	03/29/2019	04/05/2019	06/20/2019
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	05/03/2019	05/07/2019	07/16/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date

STREET AND ADDRESS INFORMATION

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Boys and Girls Club Sonoma-Marin
801 Sebastopol Road
Santa Rosa, CA 95407

Inquiry Number: 5775903.7
September 04, 2019

EDR Environmental Lien and AUL Search

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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

801 Sebastopol Road
Boys and Girls Club Sonoma-Marin
Santa Rosa, CA 95407

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

Sonoma Recorder
Sonoma, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	deed
Title is vested in:	Roy E & Patricia T Nonella Trustees
Title received from:	Roy E & Patricia T Nonella
Deed Dated	7/20/1994
Deed Recorded:	7/29/1994
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	Roy E & Patricia T Nonella Trustees
Parcel # / Property Identifier:	125-101-044-000
Comments:	See Exhibit

Deed Exhibit 1

RECORDING REQUESTED BY

ATTORNEY

AND WHEN RECORDED MAIL TO:

Name GEARY, SHEA, O'DONNELL & GRATTAN, P.C.
Street Address P.O. Box 429
City State Zip Santa Rosa, CA 95402
Attn: T. C. Taylor, Jr.

1994 0091919
OFFICIAL RECORDS OF
SONOMA COUNTY
BERNICE A. PETERSON

AT REQUEST OF:

07/29/1994 16:05:45
FEE: $ 13.00 PGS: 3
TT : $ .00 PAID

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Trust Transfer Deed

TTD 879 ID — THIS FORM FURNISHED BY TRUSTORS SECURITY SERVICE — 161619

Grant Deed (Excluded from Reappraisal Under Proposition 13, i.e., Calif. Const. Art 13A§1 et. seq.)

The undersigned Grantor(s) declare(s) under penalty of perjury that the following is true and correct:
THERE IS NO CONSIDERATION FOR THIS TRANSFER.

Documentary transfer tax is $ Ø.

☐ Computed on full value of property conveyed, or ☐ Computed on full value less value of liens and encumbrances remaining at time of sale or transfer.

☒ There is no Documentary transfer tax due. (state reason and give Code § or Ordinance number) R.T. 11911 transfer of grantors' interest to trust/not pursuant to sale

☒ Unincorporated area: ~~☐ City of~~ County of Sonoma and

This is a Trust Transfer under §62 of the Revenue and Taxation Code and Grantor(s) has (have) checked the applicable exclusion:

☒ Transfer to a revocable trust; no consideration
☐ Transfer to a short-term trust not exceeding 12 years with trustor holding the reversion;
☐ Transfer to a trust where the trustor or the trustor's spouse is the sole beneficiary;
☐ Change of trustee holding title;
☐ Transfer from trust to trustor or trustor's spouse where prior transfer to trust was excluded from reappraisal and for a valuable consideration, receipt of which is acknowledged.
☐ Other: _____

ASSESSORS PARCEL NO.

GRANTOR(S): ROY E. NONELLA AND PATRICIA T. NONELLA, Husband and Wife,

hereby GRANT(S) to ROY E. NONELLA AND PATRICIA T. NONELLA, TRUSTEES OF THE NONELLA FAMILY 1994 TRUST, UTA DATED July 20, 1994

the following described real property in the County of Sonoma, **State of California**

A. P. No. 125-101-44
SEE EXHIBIT A ATTACHED HERETO AND MADE A PART HEREOF BY THIS REFERENCE.

Dated JULY 20, 1994

x Roy E. Nonella

x Patricia T. Nonella
Grantor - Transferor(s)

State of California
County of Sonoma
On July 20, 1994
before me, GLORIA A. SKANCHY
personally appeared Roy E. Nonella and Patricia T. Nonella,
personally known to me (or 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.

WITNESS my hand and official seal.

Signature Gloria A Skanchy

MC11 GLORIA A. SKANCHY COMM. # 1026107 NOTARY PUBLIC - CALIFORNIA SONOMA COUNTY My Comm. Expires June 1, 1996 MC11

Title Order No. _____ Escrow, Loan or Attorney File No. _____

MAIL TAX STATEMENTS TO: Roy E. & Patricia T. Nonella, 8149 Elphick Road, Sebastopol, CA 95472
NAME ADDRESS CITY,STATE, ZIP

EXHIBIT A

Real property in the County of Sonoma, State of California, described as follows:

PARCEL ONE:

Commencing at a 1/2" pin located on the Southerly Right-of-Way line of the Northwestern Pacific Railroad and at the Northeast corner of Parcel 3, shown on Record of Survey map recorded in Book 110 of Maps, at Page 13, Sonoma County Records; thence Southerly along the East line of said Parcel, South 5° 41′ East, 217.86 feet to the Southeast corner of Parcel 3; thence South 84° 19′ West, 108.10 feet to the Southwest corner of Parcel 3 and the true point of beginning; thence South 5° 45′ East, 260.76 feet along the Westerly line of Parcels 1 and 2 as shown on the Record of Survey Map recorded in Book 110 of Maps, at page 13, Sonoma County Records to a Northwesterly corner of Parcel 1; thence Westerly along a Northerly line of Parcel 1 and the Lands of Roberts, South 73° 24′ West 143.14 feet to the Easterly line of that 2.41 acre Record of Survey recorded in Book 143 of Maps, at Page 15, Sonoma County Records; thence along the Easterly line of that 2.41 acre parcel of land North 5° 45′ 00" West 327.70 feet to a point; thence leaving the Easterly line of that 2.41 acre parcel and running Easterly North 84° 15′ East 140.58 feet to a point on the Westerly line of Parcel 3, as shown on the Record of Survey Map recorded in Book 110 of Maps, at Page 13, Sonoma County Records; thence South along the said Westerly line of Parcel 3; South 5° 45′ East 40.00 feet to the Southwesterly corner of Parcel 3 and the True Point of Beginning.

PARCEL TWO:

A Right-of-Way for roadway and public utilities purposes over a strip of land 40 feet in width, lying 20.00 feet on each side of the following described centerline:

Commencing at a 1/2" diameter iron pin marking the Southeasterly corner of the lands of Roberts described in Book 2148, Page 421, Official Records of Sonoma County; thence North 73° 24' East along the Northerly line of Sebastopol Avenue 20.36 feet to the True Point of Beginning of this description; thence leaving the Northerly line of Sebastopol Avenue, North 5° 45' West along the centerline of the herein described Right-of-Way 411.28 feet to the Northerly end thereof from which a 1/2" diameter iron pin set on the line between Parcels 2 and 3 as described in Book 2109, Page 463, Official Records of Sonoma County bears North 84° 15' East, 2.73 feet distant.

Excepting therefrom that portion thereof lying within the above Parcel one.

A. P. No. 125-101-44

Boys and Girls Club Sonoma-Marin
801 Sebastopol Road
Santa Rosa, CA 95407

Inquiry Number: 5775903.5
September 03, 2019

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1930 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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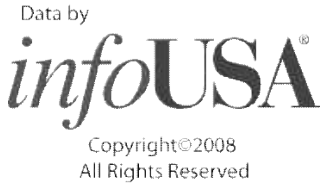

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	-	X	X	-
2006	AT & T Yellow Pages	-	X	X	-
1994	Pacific Bell	-	X	X	-
1990	R. L. Polk Co. Publishers	-	X	X	-
1987	R. L. Polk Co. Publishers	-	X	X	-
1981	The Pacific Telephone and Telegraph Company	-	X	X	-
1976	R. L. Polk Co. Publishers	-	X	X	-
1970	R. L. Polk Co. Publishers	-	X	X	-
1965	R. L. Polk Co. Publishers	-	X	X	-
1961	R. L. Polk Co., Publishers	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1958	R. L. Polk Co., Publishers	-	X	X	-
1953	R. L. Polk Co., Publishers	-	X	X	-
1947	R. L. Polk Co., Publishers	-	X	X	-
1935	R. L. Polk Co., Publishers	-	-	-	-
1930	R. L. Polk Co., of California Publishers	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

801 Sebastopol Road
Santa Rosa, CA 95407

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

AVALON AVE

509 AVALON AVE

Year	Uses	Source
2006	HERNANDEZ Larry & Darleen	AT & T Yellow Pages
	Mary	AT & T Yellow Pages
	Melanie Ann	AT & T Yellow Pages
	WEEKSA	AT & T Yellow Pages
1994	Best Elgin Connie & Ron	Pacific Bell
1990	Burgo Jean	R. L. Polk Co. Publishers
1987	Farrow Jean	R. L. Polk Co. Publishers
1976	Lane Valerie A	R. L. Polk Co. Publishers
1970	Davis Wayne	R. L. Polk Co. Publishers
1965	Hill Anna I Mrs	R. L. Polk Co. Publishers
1961	Vacant	R. L. Polk Co., Publishers
1958	Hollinger Harold W	R. L. Polk Co., Publishers
1953	Russell Lucius L	R. L. Polk Co., Publishers

510 AVALON AVE

Year	Uses	Source
1990	Vacant	R. L. Polk Co. Publishers
1987	Burgo Walter F	R. L. Polk Co. Publishers
1981	Burgo Watter	The Pacific Telephone and Telegraph Company
1976	Burgo Walter F	R. L. Polk Co. Publishers
1970	Burgo Walter F	R. L. Polk Co. Publishers
1965	Burgo Walter F	R. L. Polk Co. Publishers
1961	Burgo Walter P	R. L. Polk Co., Publishers
1958	Burgo Walter F	R. L. Polk Co., Publishers
1953	Burgo Walter F	R. L. Polk Co., Publishers

515 AVALON AVE

Year	Uses	Source
1990	Citrino Edna M Mrs	R. L. Polk Co. Publishers
1987	Citrino Edna M Mrs	R. L. Polk Co. Publishers

FINDINGS

Year	Uses	Source
1981	Daves Electric	The Pacific Telephone and Telegraph Company
1976	Citrino Gary J	R. L. Polk Co. Publishers
1970	Citrine Gary J	R. L. Polk Co. Publishers
1965	Guglielnetti Frank	R. L. Polk Co. Publishers
1961	Guglielmetti Frank	R. L. Polk Co., Publishers
1958	Guglielmetti Frank	R. L. Polk Co., Publishers
1953	Guglielmetti Frank	R. L. Polk Co., Publishers

516 AVALON AVE

Year	Uses	Source
1990	Magers Geraldine E	R. L. Polk Co. Publishers
1987	Magers Geraldine E	R. L. Polk Co. Publishers
1981	Magers G E	The Pacific Telephone and Telegraph Company
1976	Magus Lora	R. L. Polk Co. Publishers
1970	Magers Gerald L	R. L. Polk Co. Publishers
1965	Magers Gerald L	R. L. Polk Co. Publishers
1961	Magers Gerald L	R. L. Polk Co., Publishers
1958	Magers Gerald L	R. L. Polk Co., Publishers
1953	Magers Gerald L	R. L. Polk Co., Publishers

519 AVALON AVE

Year	Uses	Source
1990	Vacant	R. L. Polk Co. Publishers
1987	Tremayne Jos S	R. L. Polk Co. Publishers
1981	Harvey Ada	The Pacific Telephone and Telegraph Company
1976	Harvey Thos E	R. L. Polk Co. Publishers
1970	Harvey Thos E	R. L. Polk Co. Publishers
1965	Vacant	R. L. Polk Co. Publishers
1961	Smith Roger D	R. L. Polk Co., Publishers
1958	Smith Roger D	R. L. Polk Co., Publishers
1953	Camden Jas C	R. L. Polk Co., Publishers

520 AVALON AVE

Year	Uses	Source
1990	Zema Tamara G	R. L. Polk Co. Publishers
1987	Zema Tamara G	R. L. Polk Co. Publishers
1976	Zema Kapiton	R. L. Polk Co. Publishers
1970	Zema Kapiton	R. L. Polk Co. Publishers

FINDINGS

Year	Uses	Source
1965	Gilmer Orville E	R. L. Polk Co. Publishers
1961	Gilmer Orville E jr	R. L. Polk Co., Publishers
1958	Gilmer Orville E jr	R. L. Polk Co., Publishers
1953	Winchester Lorne R	R. L. Polk Co., Publishers

Avalon Ave

523 Avalon Ave

Year	Uses	Source
2014	RIGOS QUALITY PAINTING	EDR Digital Archive
2010	RIGOS QUALITY PAINTING	EDR Digital Archive

AVALON AVE

523 AVALON AVE

Year	Uses	Source
2006	Rigoberto	AT & T Yellow Pages
	DIAZ Luis	AT & T Yellow Pages
1990	Gutcher Wm L	R. L. Polk Co. Publishers
1987	Guther Wm L	R. L. Polk Co. Publishers
1976	Gutcher Wm L	R. L. Polk Co. Publishers
1970	Gutcher Wm L	R. L. Polk Co. Publishers
1965	Gutcher Wm L	R. L. Polk Co. Publishers
1961	Gutcher Wm L	R. L. Polk Co., Publishers
1958	Gutcher Wm L	R. L. Polk Co., Publishers
1953	Gutcher Wm L	R. L. Polk Co., Publishers

530 AVALON AVE

Year	Uses	Source
1990	Locey Charlotte	R. L. Polk Co. Publishers
1987	Locey Charlotte	R. L. Polk Co. Publishers
1981	Whiteley Hazel	The Pacific Telephone and Telegraph Company
1976	Whiteley Hazel Mrs	R. L. Polk Co. Publishers
1970	Whiteley Hazel Mrs	R. L. Polk Co. Publishers
1965	Whiteley Hazel Mrs	R. L. Polk Co. Publishers
1961	Whiteley Hazel Mrs	R. L. Polk Co., Publishers
1958	Andersen Glenn H	R. L. Polk Co., Publishers

FINDINGS

SEBASTO DOL RD

635 SEBASTO DOL RD

Year	Uses	Source
1981	SALS BARBER SHOP	The Pacific Telephone and Telegraph Company

SEBASTOPOL

620 SEBASTOPOL

Year	Uses	Source
2006	Auto Saver Plus	AT & T Yellow Pages

SEBASTOPOL AVE

700 SEBASTOPOL AVE

Year	Uses	Source
1961	Holland Clns	R. L. Polk Co., Publishers

Sebastopol Rd

620 Sebastopol Rd

Year	Uses	Source
2014	AUTO SAVER PLUS	EDR Digital Archive

SEBASTOPOL RD

620 SEBASTOPOL RD

Year	Uses	Source
2006	Auto Saver Plus	AT & T Yellow Pages
1994	TEX MEX VIDEO	Pacific Bell
1990	Andrews California Saddle Co sis saddlery & repr	R. L. Polk Co. Publishers
	Equine Art	R. L. Polk Co. Publishers
1987	Vacant	R. L. Polk Co. Publishers
1981	LANE SUPPLY INC bldg mtrls	The Pacific Telephone and Telegraph Company
1976	Lane Supply Inc bldg sups	R. L. Polk Co. Publishers
1970	Lane Supply Inc bldg sups	R. L. Polk Co. Publishers
1965	Lane Sup Inc bldg sups	R. L. Polk Co. Publishers
1961	Lane Sup Inc bldg sups	R. L. Polk Co., Publishers
1958	Lane Sup Inc bldg sups	R. L. Polk Co., Publishers

FINDINGS

Year	Uses	Source
1953	Lane John bldg matls	R. L. Polk Co., Publishers
1947	contr	R. L. Polk Co., Publishers
	ALane John roofing	R. L. Polk Co., Publishers

621 SEBASTOPOL RD

Year	Uses	Source
1970	Vacant	R. L. Polk Co. Publishers

622 SEBASTOPOL RD

Year	Uses	Source
1965	Sa Aons Auto ae	R. L. Polk Co. Publishers

Sebastopol Rd

625 Sebastopol Rd

Year	Uses	Source
2014	SALAMANCA SOCCER	EDR Digital Archive
	PAULSEN LAND COMPANY LLC	EDR Digital Archive
	EL PATRON	EDR Digital Archive
2010	PAULSEN LAND COMPANY LLC	EDR Digital Archive
	SALAMANCA SOCCER	EDR Digital Archive

SEBASTOPOL RD

625 SEBASTOPOL RD

Year	Uses	Source
1994	ROARING 20S	Pacific Bell
	REILLYS CASINO	Pacific Bell
1990	Toms Roaring 20s Club Room	R. L. Polk Co. Publishers
	Toms Roaring Twenties tavern	R. L. Polk Co. Publishers
1987	Toms Roaring Twenties tavern	R. L. Polk Co. Publishers
1976	Toms Roaring Twenties	R. L. Polk Co. Publishers

635 SEBASTOPOL RD

Year	Uses	Source
1994	ROSELAND BARBER SHOP	Pacific Bell
1990	Roseland Barber Shop	R. L. Polk Co. Publishers
1987	Roseland Barber Shop	R. L. Polk Co. Publishers
1976	Center Barber Shop The	R. L. Polk Co. Publishers

FINDINGS

Sebastopol Rd

640 Sebastopol Rd

Year	Uses	Source
2014	MORAS BOOTS	EDR Digital Archive
	RANCHO MENDOZA SUPER MERCADO	EDR Digital Archive
2010	RANCHO MENDOZA SUPER MERCADO	EDR Digital Archive
	MORAS BOOTS	EDR Digital Archive

SEBASTOPOL RD

640 SEBASTOPOL RD

Year	Uses	Source
2006	Mores Boots	AT & T Yellow Pages
1994	HODGE PODGE	Pacific Bell
1990	Hodge Podge	R. L. Polk Co. Publishers

643 SEBASTOPOL RD

Year	Uses	Source
1958	Under constn	R. L. Polk Co., Publishers

Sebastopol Rd

645 Sebastopol Rd

Year	Uses	Source
2014	TARASCO MARKET	EDR Digital Archive
	GOODWILL INDS OF RDWOOD EMPIRE	EDR Digital Archive
	HARRY KNFFIN U FURN LQUIDATION	EDR Digital Archive
2010	HARRY KNFFIN U FURN LQUIDATION	EDR Digital Archive
	GOODWILL INDS OF RDWOOD EMPIRE	EDR Digital Archive

SEBASTOPOL RD

645 SEBASTOPOL RD

Year	Uses	Source
2006	Goodwill Industries Of The Redwood Empire	AT & T Yellow Pages
1994	ROSELAND SHOE MART	Pacific Bell
1990	Roseland Shoe Mart Inc	R. L. Polk Co. Publishers
1987	Roseland Shoe Mart Inc	R. L. Polk Co. Publishers
1976	Roseland Shoe Mart Inc	R. L. Polk Co. Publishers

FINDINGS

Year	Uses	Source
1970	Roseland Shoe Mart Inc	R. L. Polk Co. Publishers
1965	Roseland Shoe Mart Inc	R. L. Polk Co. Publishers
1961	Roseland Shoe Mart Inc	R. L. Polk Co., Publishers
1958	Roseland Shoe Mart	R. L. Polk Co., Publishers

649 SEBASTOPOL RD

Year	Uses	Source
1958	Vacant	R. L. Polk Co., Publishers

651 SEBASTOPOL RD

Year	Uses	Source
1994	FAST CASH CHECK	Pacific Bell
	CASHING SERVICE	Pacific Bell
1990	Fast Cash Check Cashing Serv	R. L. Polk Co. Publishers
1987	Fast Cash Check Cashing Serv	R. L. Polk Co. Publishers
1976	Econo Jewelery	R. L. Polk Co. Publishers
	Mini Mart dry cleaning	R. L. Polk Co. Publishers
1970	Center Barber Shop	R. L. Polk Co. Publishers
1965	Head Hunters Barber Shop	R. L. Polk Co. Publishers
1961	Jahn Kurt real est	R. L. Polk Co., Publishers
1958	Jahn Kurt real est	R. L. Polk Co., Publishers

Sebastopol Rd

655 Sebastopol Rd

Year	Uses	Source
2014	ANTORCHA	EDR Digital Archive
	VICTOR G VILLACANA	EDR Digital Archive
	ENVIOS EXPRESS	EDR Digital Archive
2010	VICTOR G VILLACANA	EDR Digital Archive
	VILLAGE	EDR Digital Archive

SEBASTOPOL RD

655 SEBASTOPOL RD

Year	Uses	Source
2006	Youth Build Santa Rosa	AT & T Yellow Pages
1994	ROSELAND LIQUOR	Pacific Bell
	VIDEO SHOP THE	Pacific Bell
	VIDEO SHOP	Pacific Bell

FINDINGS

Year	Uses	Source
1990	Video Shop The	R. L. Polk Co. Publishers
	Roseland Liquors	R. L. Polk Co. Publishers
1987	Ernies Liquors	R. L. Polk Co. Publishers
1981	ERNIES LIQUORS	The Pacific Telephone and Telegraph Company
	I Iman SBtaormery SDr	The Pacific Telephone and Telegraph Company
1976	Ernies Liquors	R. L. Polk Co. Publishers
1970	Toms Roaring Twenties	R. L. Polk Co. Publishers
1965	Twenties cocktail lounge	R. L. Polk Co. Publishers
	Fredie & Charlies Roaring	R. L. Polk Co. Publishers
1961	Twenties tavern	R. L. Polk Co., Publishers
	Fredie & Charlies Roaring	R. L. Polk Co., Publishers
1958	Togs restr	R. L. Polk Co., Publishers

657 SEBASTOPOL RD

Year	Uses	Source
1958	Santa Rosa Meat Co	R. L. Polk Co., Publishers

Sebastopol Rd

660 Sebastopol Rd

Year	Uses	Source
2014	GOODWILL INDUSTRIES OF RE	EDR Digital Archive
2010	GOODWILL INDUSTRIES OF RE	EDR Digital Archive

SEBASTOPOL RD

660 SEBASTOPOL RD

Year	Uses	Source
1961	Hill Anna I Mrs	R. L. Polk Co., Publishers
1958	Hill Anna I Mrs	R. L. Polk Co., Publishers
1953	Hill Alva P	R. L. Polk Co., Publishers
1947	Hill A P	R. L. Polk Co., Publishers

665 SEBASTOPOL RD

Year	Uses	Source
1994	LUCKY FOOD CENTERS	Pacific Bell
1990	Alpha Beta Market	R. L. Polk Co. Publishers
1987	Alpha Beta Market	R. L. Polk Co. Publishers

Year	Uses	Source
1981	ISanta Rosa Store No 522	The Pacific Telephone and Telegraph Company
	Alpha Beta Company !Division Offices & Warehouse	The Pacific Telephone and Telegraph Company
1976	Alpha Beta Market	R. L. Polk Co. Publishers
1970	Alpha Beta Market	R. L. Polk Co. Publishers
1965	Park Auto Mkt Roseland Village	R. L. Polk Co. Publishers
1961	Park Auto Mkt Roseland	R. L. Polk Co., Publishers
	Village gro	R. L. Polk Co., Publishers
	Roseland Meats	R. L. Polk Co., Publishers
1958	PAM Roseland Village Super	R. L. Polk Co., Publishers
	Scottys Delicatessen & Sand	R. L. Polk Co., Publishers
	wich Shop	R. L. Polk Co., Publishers
	Roseland Meats	R. L. Polk Co., Publishers

667 SEBASTOPOL RD

Year	Uses	Source
1970	Vacant	R. L. Polk Co. Publishers
1965	PAM Cannery Sla geal merch	R. L. Polk Co. Publishers
1961	PAM Prescription Pharm	R. L. Polk Co., Publishers
1958	Under constn	R. L. Polk Co., Publishers

Sebastopol Rd

673 Sebastopol Rd

Year	Uses	Source
2014	SPORTS DOG CENTRAL	EDR Digital Archive
2010	VITRO AMERICA LLC	EDR Digital Archive

SEBASTOPOL RD

673 SEBASTOPOL RD

Year	Uses	Source
2006	A C I Distribution	AT & T Yellow Pages
1994	A C I GLASS PRODUCTS	Pacific Bell
1990	A C I Glass Co Inc	R. L. Polk Co. Publishers
1987	Northern California Glass Co Inc	R. L. Polk Co. Publishers
1981	NORTHERN CALIF GLASS CO	The Pacific Telephone and Telegraph Company
1976	Northern California Glass Co	R. L. Polk Co. Publishers
1970	Northern California Glass Co	R. L. Polk Co. Publishers

Year	Uses	Source
1965	Northern Cal Glass Co	R. L. Polk Co. Publishers
1961	Northern Cal Glass Co	R. L. Polk Co., Publishers
1958	Northern Cal Glass Co	R. L. Polk Co., Publishers

680 SEBASTOPOL RD

Year	Uses	Source
1994	D & K APPLIANCE	Pacific Bell
1970	Freeman Wayne	R. L. Polk Co. Publishers
1965	Freeman Wayne	R. L. Polk Co. Publishers
1961	Colli John R	R. L. Polk Co., Publishers
1958	Colli John R	R. L. Polk Co., Publishers
1953	Colli John R O	R. L. Polk Co., Publishers
1947	Colli J D	R. L. Polk Co., Publishers

Sebastopol Rd

700 Sebastopol Rd

Year	Uses	Source
2010	QUEZADA MARKET MEAT & DELI	EDR Digital Archive

SEBASTOPOL RD

700 SEBASTOPOL RD

Year	Uses	Source
2006	Quezada Market	AT & T Yellow Pages
1994	CARLS AUTO PARTS	Pacific Bell
1990	Carls Auto Parts	R. L. Polk Co. Publishers
1987	Carls Auto Parts	R. L. Polk Co. Publishers
1981	HOME AUTOMOTIVE PARTS & SERVICE	The Pacific Telephone and Telegraph Company
	Allied Grape Growers Asti	The Pacific Telephone and Telegraph Company
	ALLIED AUTO MACHINE INC	The Pacific Telephone and Telegraph Company
	Allied Engineering.	The Pacific Telephone and Telegraph Company
1976	Holland Cleaners	R. L. Polk Co. Publishers
1970	Holland Cleaners	R. L. Polk Co. Publishers
1965	US Post Office sub sta	R. L. Polk Co. Publishers
	Holland Cleaners	R. L. Polk Co. Publishers
1961	Vacant	R. L. Polk Co., Publishers

FINDINGS

Year	Uses	Source
1958	Ceramic Studio	R. L. Polk Co., Publishers
	Carr Howard D	R. L. Polk Co., Publishers
1953	Brown Chas H	R. L. Polk Co., Publishers
1947	APeri Settimo	R. L. Polk Co., Publishers

705 SEBASTOPOL RD

Year	Uses	Source
1961	Rose Bowl	R. L. Polk Co., Publishers
1953	Mc Chesney Icel G	R. L. Polk Co., Publishers

713 SEBASTOPOL RD

Year	Uses	Source
1953	West Arth D	R. L. Polk Co., Publishers

717 SEBASTOPOL RD

Year	Uses	Source
1953	Mulgrew Lester J	R. L. Polk Co., Publishers

718 SEBASTOPOL RD

Year	Uses	Source
1953	Vacant	R. L. Polk Co., Publishers

720 SEBASTOPOL RD

Year	Uses	Source
2006	Latino Income Tax No 4	AT & T Yellow Pages
1994	BOLETOS DE AVION	Pacific Bell
	CONDESCUENTO	Pacific Bell
1990	Premium Screen Door Co	R. L. Polk Co. Publishers
1987	Custom Window Screen Co	R. L. Polk Co. Publishers
1981	California All Weather Window Co	The Pacific Telephone and Telegraph Company
1976	Vacant	R. L. Polk Co. Publishers
1970	Nelsons Saw Shop	R. L. Polk Co. Publishers
1965	Nelsons Saw Shop	R. L. Polk Co. Publishers
1961	Nelsons Saw Shop	R. L. Polk Co., Publishers
1958	Nelsons Saw Shop	R. L. Polk Co., Publishers
1953	Conney Harrison V	R. L. Polk Co., Publishers

FINDINGS

Sebastopol Rd

722 Sebastopol Rd

Year	Uses	Source
2014	DAVIDS SHOE REPAIR	EDR Digital Archive
2010	DAVIDS SHOE REPAIR	EDR Digital Archive

SEBASTOPOL RD

722 SEBASTOPOL RD

Year	Uses	Source
2006	Davids Shoe Repair	AT & T Yellow Pages
1994	NARDUZZI SHOE SERVICE	Pacific Bell
1990	Narduzzi Shoe Service	R. L. Polk Co. Publishers
1987	Narduzzi Shoe Service	R. L. Polk Co. Publishers
1981	Narduzzi Shoe Service	The Pacific Telephone and Telegraph Company
1976	Narduzzi Shoe Service	R. L. Polk Co. Publishers
1970	Narduzzi Shoe Service	R. L. Polk Co. Publishers
1965	Nardussi Shoe Serv	R. L. Polk Co. Publishers
1961	Narduzzi Shoe Serv	R. L. Polk Co., Publishers
1958	Narduzzi Shoe Serv	R. L. Polk Co., Publishers

725 SEBASTOPOL RD

Year	Uses	Source
1953	Roseland Produce Market	R. L. Polk Co., Publishers
	Thompson Nathan S	R. L. Polk Co., Publishers

726 SEBASTOPOL RD

Year	Uses	Source
1953	Wilburn Alvin M	R. L. Polk Co., Publishers

733 SEBASTOPOL RD

Year	Uses	Source
1953	Rosseler Donald C	R. L. Polk Co., Publishers

734 SEBASTOPOL RD

Year	Uses	Source
1953	Trenam Stanley P	R. L. Polk Co., Publishers

FINDINGS

741 SEBASTOPOL RD

Year	Uses	Source
1953	Lembrich Paul L	R. L. Polk Co., Publishers

742 SEBASTOPOL RD

Year	Uses	Source
1953	Cline Kenneth H	R. L. Polk Co., Publishers

750 SEBASTOPOL RD

Year	Uses	Source
1953	Davis Roy D	R. L. Polk Co., Publishers

753 SEBASTOPOL RD

Year	Uses	Source
1953	Stewart Chas F	R. L. Polk Co., Publishers

758 SEBASTOPOL RD

Year	Uses	Source
1953	Waers Walter W	R. L. Polk Co., Publishers
	SHERWOOD DRIVE North from	R. L. Polk Co., Publishers
	Montgomery dr 1 w of Shortt rd	R. L. Polk Co., Publishers

759 SEBASTOPOL RD

Year	Uses	Source
1990	Launderette self serv	R. L. Polk Co. Publishers
1987	Launderette self serv	R. L. Polk Co. Publishers
1976	Launderette self serv	R. L. Polk Co. Publishers
1970	Montys Launderette	R. L. Polk Co. Publishers
1965	Montys Laundera	R. L. Polk Co. Publishers
1961	Montys Launderette	R. L. Polk Co., Publishers

760 SEBASTOPOL RD

Year	Uses	Source
1994	SERVICE STATION	Pacific Bell
	DE LEON AUTO REPAIR	Pacific Bell
	U HAUL CO	Pacific Bell
1990	Roseland Mobile Service Station	R. L. Polk Co. Publishers
1987	Jerrys Service gas sta	R. L. Polk Co. Publishers
1981	MARTYS AUTOMOTIVE	The Pacific Telephone and Telegraph Company
1976	Thrifty Squirrel Service Station gas sta	R. L. Polk Co. Publishers
1970	Reds Richfield Service	R. L. Polk Co. Publishers

FINDINGS

Year	Uses	Source
1965	Roseland Richfield Serv gas ste	R. L. Polk Co. Publishers
1961	Luhrs Richfield Serv gas sta	R. L. Polk Co., Publishers
1958	Don & J Cs Richfield	R. L. Polk Co., Publishers
1953	Heaton Lewis M chiropractor	R. L. Polk Co., Publishers
	Lucas Henry J saw filer	R. L. Polk Co., Publishers
	Narduzzi & Lisignoli shoe repr	R. L. Polk Co., Publishers
1947	Lucas H J	R. L. Polk Co., Publishers

761 SEBASTOPOL RD

Year	Uses	Source
2006	Iglesia De Dios Pentecostal M I	AT & T Yellow Pages
1994	CHRISTIAN CHURCH THE	Pacific Bell
	POTTERS HOUSE	Pacific Bell
1990	Potters House The	R. L. Polk Co. Publishers
1987	Potters House The	R. L. Polk Co. Publishers
1976	Aqua Peutic Showroom water beds	R. L. Polk Co. Publishers
1970	Payless Cleaners	R. L. Polk Co. Publishers
1965	HRUd Cins	R. L. Polk Co. Publishers

763 SEBASTOPOL RD

Year	Uses	Source
1953	P K Moulding Co	R. L. Polk Co., Publishers
	Santa Rosa Lbr Co	R. L. Polk Co., Publishers

765 SEBASTOPOL RD

Year	Uses	Source
2006	Red Rose Cafe	AT & T Yellow Pages
1994	CONTINENTAL LANES	Pacific Bell
1990	Continental Lanes bowling alley	R. L. Polk Co. Publishers
1987	Rose Bowl bowling alley	R. L. Polk Co. Publishers
1981	Rose Bowl bw Ang alley	The Pacific Telephone and Telegraph Company
1976	Rose Bowl alley	R. L. Polk Co. Publishers
1970	Rose Bowl alley	R. L. Polk Co. Publishers
1965	Rose Bowl bowling	R. L. Polk Co. Publishers

773 SEBASTOPOL RD

Year	Uses	Source
1970	Franklin Ben Store No 5357 variety	R. L. Polk Co. Publishers
1965	Franklin Ben Store	R. L. Polk Co. Publishers

Year	Uses	Source
1961	Pranklin Ben Store	R. L. Polk Co., Publishers
1958	Franklin Ben Store No	R. L. Polk Co., Publishers
	variety	R. L. Polk Co., Publishers

Sebastopol Rd

777 Sebastopol Rd

Year	Uses	Source
2014	JOYERIA TORRES	EDR Digital Archive
	DOLLAR TREE STORES INC	EDR Digital Archive
	FURNITURE 2000 INC	EDR Digital Archive
2010	FURNITURE 2000 INC	EDR Digital Archive
	DOLLAR TREE STORES INC	EDR Digital Archive
	JOYERIA TORRES	EDR Digital Archive

SEBASTOPOL RD

777 SEBASTOPOL RD

Year	Uses	Source
2006	Furniture 2000	AT & T Yellow Pages
	Joyeria Torres	AT & T Yellow Pages
1994	T G & Y STORES CO	Pacific Bell
	HALEYS TAX SERVICE	Pacific Bell
	JOYERIA YASMIN	Pacific Bell
	NIKA SPORTSWEAR	Pacific Bell
1990	T G & Y Stores Co	R. L. Polk Co. Publishers
1987	T G & Y Stores Co	R. L. Polk Co. Publishers
1976	T G & Y variety store	R. L. Polk Co. Publishers
1970	Trade Mart hdw	R. L. Polk Co. Publishers
	New Alva R	R. L. Polk Co. Publishers
	a Trade Mart Pharmacy	R. L. Polk Co. Publishers
	Trade Mart Discount Dept Store	R. L. Polk Co. Publishers
1965	Roseland ldw	R. L. Polk Co. Publishers
	Cal Discount Dept Sto e	R. L. Polk Co. Publishers
	West sr binms	R. L. Polk Co. Publishers
1961	Roseland Hdw	R. L. Polk Co., Publishers
	Cal Discount Dept Store	R. L. Polk Co., Publishers
1958	Roseland Hdw	R. L. Polk Co., Publishers

FINDINGS

781 SEBASTOPOL RD

Year	Uses	Source
1958	Vacant	R. L. Polk Co., Publishers

785 SEBASTOPOL RD

Year	Uses	Source
1958	Vacant	R. L. Polk Co., Publishers

800 SEBASTOPOL RD

Year	Uses	Source
1961	B S C Clns	R. L. Polk Co., Publishers
1958	B S C Clns	R. L. Polk Co., Publishers
1953	Mc Keig Mary Mrs	R. L. Polk Co., Publishers
	BSC Cleaners	R. L. Polk Co., Publishers

802 SEBASTOPOL RD

Year	Uses	Source
1961	Brown Mug The restr	R. L. Polk Co., Publishers
1958	Brown Mug The restr	R. L. Polk Co., Publishers

804 SEBASTOPOL RD

Year	Uses	Source
1961	Spafford Jack	R. L. Polk Co., Publishers
1958	Spafford Jack	R. L. Polk Co., Publishers

805 SEBASTOPOL RD

Year	Uses	Source
1990	Vacant	R. L. Polk Co. Publishers
1987	Vacant	R. L. Polk Co. Publishers
1976	Jiffy Gas	R. L. Polk Co. Publishers
1970	0 U R 66 Service gas sta	R. L. Polk Co. Publishers
1965	Joes Ping A Serv gas sta	R. L. Polk Co. Publishers
1961	Joes Flying A Serv gas sta	R. L. Polk Co., Publishers
1958	Renengers Flying A Serv	R. L. Polk Co., Publishers

806 SEBASTOPOL RD

Year	Uses	Source
1961	Roseland Barber Shop	R. L. Polk Co., Publishers
1958	Roseland Barber Shop	R. L. Polk Co., Publishers
1953	Rosland Barber Shop	R. L. Polk Co., Publishers

FINDINGS

812 SEBASTOPOL RD

Year	Uses	Source
1958	Vivarelli Viola Mrs	R. L. Polk Co., Publishers

Sebastopol Rd

816 Sebastopol Rd

Year	Uses	Source
2014	CENADURIA LA FONDITA	EDR Digital Archive
2010	CENADURIA LA FONDITA	EDR Digital Archive

SEBASTOPOL RD

816 SEBASTOPOL RD

Year	Uses	Source
2006	La Fondita	AT & T Yellow Pages

825 SEBASTOPOL RD

Year	Uses	Source
1953	Neely Jas D	R. L. Polk Co., Publishers
	Sanders Thos R	R. L. Polk Co., Publishers

Sebastopol Rd

855 Sebastopol Rd

Year	Uses	Source
2014	WHANG INC	EDR Digital Archive
	JERRYS FOSTER FREEZE	EDR Digital Archive
2010	JERRYS FOSTER FREEZE	EDR Digital Archive

SEBASTOPOL RD

855 SEBASTOPOL RD

Year	Uses	Source
1994	FOSTER FREEZE	Pacific Bell
1990	Foster Freeze restr	R. L. Polk Co. Publishers
1987	Foster Freeze restr	R. L. Polk Co. Publishers
1981	FOSTER FREEZE	The Pacific Telephone and Telegraph Company
	JERRYS IN SANTA ROSA Foster Freeze	The Pacific Telephone and Telegraph Company
1976	Fosters Freeze ice cream	R. L. Polk Co. Publishers

FINDINGS

Year	Uses	Source
1970	Fosters Freeze	R. L. Polk Co. Publishers
1965	Suton ary t	R. L. Polk Co. Publishers
1961	Gareffa Philip	R. L. Polk Co., Publishers
	Du Rite Mach & Widg Wks	R. L. Polk Co., Publishers
1958	Gareffa Phillip	R. L. Polk Co., Publishers
	Du Rite Mach & Widg Wks	R. L. Polk Co., Publishers
1953	Du Rite Mach & Widg Wks	R. L. Polk Co., Publishers
	Gareffa Philip	R. L. Polk Co., Publishers

883 SEBASTOPOL RD

Year	Uses	Source
2006	Roseland Hardware	AT & T Yellow Pages
1994	ROSELAND HARDWARE	Pacific Bell
1990	Roseland Hardware Center	R. L. Polk Co. Publishers
1987	Roseland Hardware Center	R. L. Polk Co. Publishers
1976	Rose Land Hardware Center	R. L. Polk Co. Publishers
1970	Vacant	R. L. Polk Co. Publishers
1961	Hartsock Luzemn H	R. L. Polk Co., Publishers
1958	Hartsock Luzern H	R. L. Polk Co., Publishers
1953	Hartsock Luzern H	R. L. Polk Co., Publishers

885 SEBASTOPOL RD

Year	Uses	Source
1961	Christie Wm	R. L. Polk Co., Publishers
1958	Smith Roy	R. L. Polk Co., Publishers

Sebastopol Rd

887 Sebastopol Rd

Year	Uses	Source
2014	RELIGIOUS CAMPAIGN FOREST CNSV	EDR Digital Archive
	NATIONAL ICE DELIVERY INC	EDR Digital Archive
	BOOK OF NATURE	EDR Digital Archive
	COUNTY WIDE DOG TRAINING CLUB	EDR Digital Archive
	ACADEMY THEATRICAL LTG INC	EDR Digital Archive
2010	NATIONAL ICE DELIVERY INC	EDR Digital Archive
	NOR CAL SPORTS NUTRITION INC	EDR Digital Archive
	NONELLA CONSTRUCTION	EDR Digital Archive
	COUNTY WIDE DOG TRAINING CLUB	EDR Digital Archive
	RELIGIOUS CAMPAIGN FOREST CNSV	EDR Digital Archive

FINDINGS

SEBASTOPOL RD

887 SEBASTOPOL RD

Year	Uses	Source
2006	National Ice Inc	AT & T Yellow Pages
	Nonella Construction Inc	AT & T Yellow Pages
	Nor Cai Sports Nutrition	AT & T Yellow Pages
	World Stewardship Institute	AT & T Yellow Pages
	County Wide Dog Training Club Inc	AT & T Yellow Pages
1994	NONELLA CONSTRUCTION	Pacific Bell
	POWER INDUSTRIAL	Pacific Bell
	SUPPLY	Pacific Bell
	NATIONAL ICE INC	Pacific Bell
1990	Three D Catering	R. L. Polk Co. Publishers
	Nonella Construction	R. L. Polk Co. Publishers
1987	Nonella Construction	R. L. Polk Co. Publishers
	Gamefield Concept The	R. L. Polk Co. Publishers
1981	Mack Win Furniture	The Pacific Telephone and Telegraph Company
	Mackin Jean Mrs S Terrace Dr Cotati.....	The Pacific Telephone and Telegraph Company

920 SEBASTOPOL RD

Year	Uses	Source
1961	Roseland School	R. L. Polk Co., Publishers
1958	Roseland Sch	R. L. Polk Co., Publishers
1953	Scout House troop	R. L. Polk Co., Publishers

Sebastopol Rd

921 Sebastopol Rd

Year	Uses	Source
2014	SINGH KULWANT	EDR Digital Archive
	ROSELAND GAS MART	EDR Digital Archive
2010	ROSELAND GAS MART	EDR Digital Archive
	SINGH KULWANT	EDR Digital Archive

FINDINGS

SEBASTOPOL RD

921 SEBASTOPOL RD

Year	Uses	Source
2006	Flyers No 279	AT & T Yellow Pages
1994	BEACON SERVICE	Pacific Bell
	STATION NO	Pacific Bell
1990	Beacon Oil Co gas st	R. L. Polk Co. Publishers
1987	Beacon Oil Co gas sta	R. L. Polk Co. Publishers
1981	Beacon Service Station No	The Pacific Telephone and Telegraph Company
	If No Answer Call	The Pacific Telephone and Telegraph Company
	I BEACON SERVICE STN NO 375	The Pacific Telephone and Telegraph Company
1976	Jims Beacon Service	R. L. Polk Co. Publishers
1970	Jims Beacon Service	R. L. Polk Co. Publishers
1961	ORourke Elinor D Mrs	R. L. Polk Co., Publishers
1958	ORourke Elinor D Mrs	R. L. Polk Co., Publishers
1953	Dunnahoe Glen E	R. L. Polk Co., Publishers

932 SEBASTOPOL RD

Year	Uses	Source
1965	atm Chas F	R. L. Polk Co. Publishers

933 SEBASTOPOL RD

Year	Uses	Source
1970	Vacant	R. L. Polk Co. Publishers
1961	Hahn Chas F	R. L. Polk Co., Publishers
1958	Hahn Chas F	R. L. Polk Co., Publishers
1953	Hahn Chas F	R. L. Polk Co., Publishers

947 SEBASTOPOL RD

Year	Uses	Source
1990	b Bowser Beautique dog grooming	R. L. Polk Co. Publishers
	Kunz Coin Laundry	R. L. Polk Co. Publishers
1987	b Bowser Beautique dog grooming	R. L. Polk Co. Publishers
	Kunz Coin Laundry	R. L. Polk Co. Publishers
1981	Wendys Old Fashioned Hamburgers	The Pacific Telephone and Telegraph Company
	Walter Kathryn.....	The Pacific Telephone and Telegraph Company

Year	Uses	Source
1981	Wendys Cleaning Village	The Pacific Telephone and Telegraph Company
1976	b Vacant	R. L. Polk Co. Publishers

Sebastopol Rd

949 Sebastopol Rd

Year	Uses	Source
2014	BJM COMPANY	EDR Digital Archive
	GARBAGE REINCARNATION	EDR Digital Archive
2010	GARBAGE REINCARNATION	EDR Digital Archive
	BJM COMPANY	EDR Digital Archive

SEBASTOPOL RD

949 SEBASTOPOL RD

Year	Uses	Source
2006	American Sure Step	AT & T Yellow Pages
1994	TRI COUNTY FLOORS	Pacific Bell
	AMERICAN SURE STEP	Pacific Bell
	DISTRICT	Pacific Bell
	ROSELAND SCHOOL	Pacific Bell
	DISTRICT	Pacific Bell
	ROSELAND SCHOOL	Pacific Bell
1990	Tri County Floors	R. L. Polk Co. Publishers
1987	Jotco serv sta equip	R. L. Polk Co. Publishers
1981	Ranchers Feed & Pet Supplies	The Pacific Telephone and Telegraph Company
1976	Salvation Army Thrift Shop used mdse	R. L. Polk Co. Publishers
1970	Pioneer Auto Dismantlers	R. L. Polk Co. Publishers
1965	Pioneer Auto DI autlets	R. L. Polk Co. Publishers
1961	Coast Auto Wrecking	R. L. Polk Co., Publishers
1958	Coast Auto Wrecking	R. L. Polk Co., Publishers
1953	A B C Auto Wreckers	R. L. Polk Co., Publishers

Sebastopol Rd

950 Sebastopol Rd

Year	Uses	Source
2014	ROSELAND ELEMENTARY SCHOOL DST	EDR Digital Archive

Year	Uses	Source
2010	ROSELAND ELEM SCH DIST	EDR Digital Archive

SEBASTOPOL RD

950 SEBASTOPOL RD

Year	Uses	Source
1994	ROSELAND SCHOOL	Pacific Bell
	DISTRICT	Pacific Bell
	ROSELAND EXTENDED	Pacific Bell
	DISTRICT	Pacific Bell
	Building	Pacific Bell
	12 FAMILY SELF	Pacific Bell
	SUFFICIENCY PROGRAM	Pacific Bell
1990	Roseland School District admn ofc	R. L. Polk Co. Publishers
	Roseland School	R. L. Polk Co. Publishers
1987	Roseland School District admn ofc	R. L. Polk Co. Publishers
	Roseland School	R. L. Polk Co. Publishers
1981	Roseland School	The Pacific Telephone and Telegraph Company
1976	Roseland School	R. L. Polk Co. Publishers
1970	Roseland School	R. L. Polk Co. Publishers
1965	Roseland School	R. L. Polk Co. Publishers
	Boy Scouts of Am Troep No	R. L. Polk Co. Publishers
1961	Boy Scouts of Am Troup No	R. L. Polk Co., Publishers
1958	Boy Scouts of Am Troop No	R. L. Polk Co., Publishers
1953	Roseland School	R. L. Polk Co., Publishers

951 SEBASTOPOL RD

Year	Uses	Source
1958	Coast Auto Wrecking whse	R. L. Polk Co., Publishers
1953	Shirrell Motors body shop	R. L. Polk Co., Publishers

Sebastopol Rd

959 Sebastopol Rd

Year	Uses	Source
2014	LAIDLAW TRANSIT LTD	EDR Digital Archive
2010	LAIDLAW TRANSIT LTD	EDR Digital Archive

FINDINGS

SEBASTOPOL RD

959 SEBASTOPOL RD

Year	Uses	Source
1990	Laidlaw Transportation Serv Inc	R. L. Polk Co. Publishers
1987	Laidlaw Transportation Serv Inc	R. L. Polk Co. Publishers
1981	No Charge Ask Opr For	The Pacific Telephone and Telegraph Company
	passarino Herbert G	The Pacific Telephone and Telegraph Company
	Patchetts Bus & Transportation Co	The Pacific Telephone and Telegraph Company
1976	Wofford Bus Co bus line	R. L. Polk Co. Publishers

Sebastopol Rd

962 Sebastopol Rd

Year	Uses	Source
2010	ROSELAND CHILDRENS HEALTH CTR	EDR Digital Archive

SEBASTOPOL RD

968 SEBASTOPOL RD

Year	Uses	Source
1965	D Worret E X Ms	R. L. Polk Co. Publishers

Sebastopol Rd

977 Sebastopol Rd

Year	Uses	Source
2014	COGHLAN LAW OFFICES	EDR Digital Archive
	FLORERIA SELENA	EDR Digital Archive
2010	FLORERIA SELENA	EDR Digital Archive

SEBASTOPOL RD

977 SEBASTOPOL RD

Year	Uses	Source
2006	Floreria Selena	AT & T Yellow Pages
	Floreria Selena	AT & T Yellow Pages
1994	HARRYS TOO	Pacific Bell
1990	Harrys Too Antiques & Used Fum	R. L. Polk Co. Publishers

Year	Uses	Source
1987	Harrys Too Antiques & Used Furn	R. L. Polk Co. Publishers
1981	American Trader Antiques	The Pacific Telephone and Telegraph Company
	AMERICAN TRADER FURNITURE STRIPPING	The Pacific Telephone and Telegraph Company
1976	Findings Antiques & Crafts	R. L. Polk Co. Publishers
	Furniture Stripping Store	R. L. Polk Co. Publishers
1970	Gravely Enterprises furn dir	R. L. Polk Co. Publishers
1965	Crystal Preeser whol eg dr	R. L. Polk Co. Publishers
1961	Crystal Freezer whol egg dlrs	R. L. Polk Co., Publishers
1958	Optical Coating Laby Inc br	R. L. Polk Co., Publishers
1953	Watt Variety The	R. L. Polk Co., Publishers

988 SEBASTOPOL RD

Year	Uses	Source
1970	Vacant	R. L. Polk Co. Publishers
1961	De Forrest Earl	R. L. Polk Co., Publishers
1958	HasslngBernard D	R. L. Polk Co., Publishers

Sebastopol Rd

989 Sebastopol Rd

Year	Uses	Source
2014	MENDOZA RAFAEL M	EDR Digital Archive
2010	MENDOZA RAFAEL M	EDR Digital Archive

SEBASTOPOL RD

989 SEBASTOPOL RD

Year	Uses	Source
2006	Check Express	AT & T Yellow Pages
	ACE Americas Cash Express	AT & T Yellow Pages
1994	CHECK EXPRESS	Pacific Bell
1990	Aeroptics optical gds whol	R. L. Polk Co. Publishers
1987	Aeroptics optical gds whol	R. L. Polk Co. Publishers
1981	Aeroptics	The Pacific Telephone and Telegraph Company
1976	Aeroptics optical gds mfrs	R. L. Polk Co. Publishers
1970	Aeroptics optical gds mfrs	R. L. Polk Co. Publishers
1965	Aer Opt$n	R. L. Polk Co. Publishers
1961	Aer Optics	R. L. Polk Co., Publishers

Year	Uses	Source
1958	Grosman T C Co fl coverings	R. L. Polk Co., Publishers
	US Post Ofc Dept Sub Sta No	R. L. Polk Co., Publishers
1953	Du Rite Mach & Widg Wks	R. L. Polk Co., Publishers
	Grosman T C Co tile contrs	R. L. Polk Co., Publishers

Sebastopol Rd

990 Sebastopol Rd

Year	Uses	Source
2014	JOYERIA ANGELICA NO 4	EDR Digital Archive
	HERNANDEZ TAX SERVICES	EDR Digital Archive
2010	HERNANDEZ TAX SERVICES	EDR Digital Archive
	PAXACU FILMS	EDR Digital Archive
	JOYERIA ANGELICA NO 4	EDR Digital Archive

SEBASTOPOL RD

990 SEBASTOPOL RD

Year	Uses	Source
2006	Hernatndez Tax Services	AT & T Yellow Pages
	Joyeria Angelica	AT & T Yellow Pages
1994	MUNDO MUSICAL	Pacific Bell
	JOYERIA ANGELICA	Pacific Bell
1990	Dowdall Glass & Supply	R. L. Polk Co. Publishers
1987	Dowdall Glass & Supply	R. L. Polk Co. Publishers
1981	WAREHOUSE	The Pacific Telephone and Telegraph Company
1976	Vacant	R. L. Polk Co. Publishers
1970	Golden State Linen Service	R. L. Polk Co. Publishers
1965	lSonoma Um st	R. L. Polk Co. Publishers
1961	Sonoma Linen Serv	R. L. Polk Co., Publishers
1958	Sonoma Linen Serv	R. L. Polk Co., Publishers
1953	Nagy Carl	R. L. Polk Co., Publishers
	J N C Cabinet Shop	R. L. Polk Co., Publishers
	Sonoma Pioneer Linen Serv	R. L. Polk Co., Publishers

995 SEBASTOPOL RD

Year	Uses	Source
1994	BEVAN INVESTMENTS	Pacific Bell
	0 G WRIGHT ENTPRISES	Pacific Bell

FINDINGS

Year	Uses	Source
1994	ACTION VENDING	Pacific Bell
1990	Vacant	R. L. Polk Co. Publishers
1987	Bevan Pearson Mayflower Moving	R. L. Polk Co. Publishers
	Storage	R. L. Polk Co. Publishers
1981	Aero Mayflower Business Records Storage	The Pacific Telephone and Telegraph Company
	Agcy	The Pacific Telephone and Telegraph Company
	Asivido Ben Bevan Pearson Moving & Storage	The Pacific Telephone and Telegraph Company
	Bevan Dell E Bevan Pearson Moving & Storage	The Pacific Telephone and Telegraph Company
	BEVAN PEARSON MOVING &	The Pacific Telephone and Telegraph Company
	STORAGE	The Pacific Telephone and Telegraph Company
	Or.....	The Pacific Telephone and Telegraph Company
	Or	The Pacific Telephone and Telegraph Company
	Res	The Pacific Telephone and Telegraph Company
	MAYFLOWER MOVING & STORAGE A 6 CY	The Pacific Telephone and Telegraph Company
1976	Bevan Pearson Mayflower Moving	R. L. Polk Co. Publishers
	Storage Inc	R. L. Polk Co. Publishers
1970	Bevan Pearson Moving & Storage	R. L. Polk Co. Publishers
	Ellor Francis	R. L. Polk Co. Publishers
1965	& storage co	R. L. Polk Co. Publishers
	EUor Francis	R. L. Polk Co. Publishers
	Bevan Pearson Mayflower moving	R. L. Polk Co. Publishers
1961	moving & Storage Co	R. L. Polk Co., Publishers
	Bevan Pearson Mayflower	R. L. Polk Co., Publishers
1958	Bevan Pearson Mayflower	R. L. Polk Co., Publishers
	Moving & Storage Co	R. L. Polk Co., Publishers
	OHair P E & Co plmb sups	R. L. Polk Co., Publishers
	Ellor Francis	R. L. Polk Co., Publishers
1953	Bevan & Pearson Moving Stge	R. L. Polk Co., Publishers
	Jensens Mayflower Van & Stge	R. L. Polk Co., Publishers
	OHair P E & Co plmb sups	R. L. Polk Co., Publishers

FINDINGS

999 SEBASTOPOL RD

Year	Uses	Source
2006	D G Wright Entprises	AT & T Yellow Pages
1994	COOLING	Pacific Bell
	NORTHSTATE HEATING	Pacific Bell

Sebastopol Rd

1001 Sebastopol Rd

Year	Uses	Source
2014	CALIFRNIA IMPACT HTTING ACDEMY	EDR Digital Archive

SEBASTOPOL RD

1001 SEBASTOPOL RD

Year	Uses	Source
1987	Bevan Pearson Moving & Stge annex	R. L. Polk Co. Publishers
1970	Budget Homes	R. L. Polk Co. Publishers

Sebastopol Rd

1005 Sebastopol Rd

Year	Uses	Source
2014	ARTISTIC BROTHERS LLC	EDR Digital Archive
2010	BROTHERS WHO CARE	EDR Digital Archive
	ARTISTIC BROTHERS LLC	EDR Digital Archive
	GGC STRUCTURAL CONCRETE	EDR Digital Archive

SEBASTOPOL RD

1005 SEBASTOPOL RD

Year	Uses	Source
1961	Vacant	R. L. Polk Co., Publishers
1958	Joes Fish Mkt	R. L. Polk Co., Publishers
1953	Astis Market gro	R. L. Polk Co., Publishers

1015 SEBASTOPOL RD

Year	Uses	Source
1965	Trader Dick usedf urn	R. L. Polk Co. Publishers
1961	Roseland Laundromat	R. L. Polk Co., Publishers
1958	Roseland Laundromat & Dry	R. L. Polk Co., Publishers

Year	Uses	Source
1953	Roseland Laundromat & Dry	R. L. Polk Co., Publishers

Sebastopol Rd

1017 Sebastopol Rd

Year	Uses	Source
2014	CHIARAVALLE DOOR REPLACEMENT	EDR Digital Archive
2010	CHIARAVALLE DOOR REPLACEMENT	EDR Digital Archive

SEBASTOPOL RD

1017 SEBASTOPOL RD

Year	Uses	Source
1994	REPLACEMENTS SALES	Pacific Bell
	CHIARAVALLE DOOR	Pacific Bell

1019 SEBASTOPOL RD

Year	Uses	Source
1994	MIKES MOTOR CITY	Pacific Bell

1021 SEBASTOPOL RD

Year	Uses	Source
1994	MIRROR	Pacific Bell
	PARAGON GLASS	Pacific Bell

1024 SEBASTOPOL RD

Year	Uses	Source
2006	For Play Cafe & Catering	AT & T Yellow Pages
1994	SAMS FOR PLAY CAFE	Pacific Bell
1990	Sams For Play Cafe restr	R. L. Polk Co. Publishers
1987	Sams For Play Cafe restr	R. L. Polk Co. Publishers
1976	Zips Drive In	R. L. Polk Co. Publishers
1970	Zips Drive In	R. L. Polk Co. Publishers
1965	Zips Drive In restr	R. L. Polk Co. Publishers
1961	Zips Drive In restr	R. L. Polk Co., Publishers
1958	Lindquists Drive In restr	R. L. Polk Co., Publishers
1953	Lindquists Drive In restr	R. L. Polk Co., Publishers

1025 SEBASTOPOL RD

Year	Uses	Source
1994	AUTO CENTER	Pacific Bell

Year	Uses	Source
1994	SHOWDOWN CLASSIC	Pacific Bell
	AWNING & FURNITURE	Pacific Bell
	REDWOOD EMPIRE	Pacific Bell
1990	Redwood Empire Awning & Furniture Co	R. L. Polk Co. Publishers
1987	Redwood Empire Awning & Furniture	R. L. Polk Co. Publishers
1981	REDWOOD EMPIRE AWNINGS & FURNITURE CO	The Pacific Telephone and Telegraph Company
1976	Redwood Empire Awning & Furniture	R. L. Polk Co. Publishers
1970	Redwood Empire Awning & Furniture	R. L. Polk Co. Publishers
1965	Redwood Empire Awning Co	R. L. Polk Co. Publishers
1961	Redwood Empire Awning Co	R. L. Polk Co., Publishers
1958	Redwood Empire Awning Co	R. L. Polk Co., Publishers
1953	Redwood Empire Awning Co	R. L. Polk Co., Publishers

SS SEBASTOPOL RD

855 SS SEBASTOPOL RD

Year	Uses	Source
2006	Foster Freeze	AT & T Yellow Pages

WEST

682 WEST

Year	Uses	Source
2006	RODRIGUEZ Manuel	AT & T Yellow Pages

752 WEST

Year	Uses	Source
2006	GREGORIOK Ortiz	AT & T Yellow Pages

785 WEST

Year	Uses	Source
2006	FROST Angela	AT & T Yellow Pages
	FROST Angela	AT & T Yellow Pages
	FROST Angela	AT & T Yellow Pages
	FROST Angela	AT & T Yellow Pages
	FROST Angela	AT & T Yellow Pages
	FROST Angela	AT & T Yellow Pages
	FROST Angela	AT & T Yellow Pages

FINDINGS

801 WEST

Year	Uses	Source
2006	MANLEY D	AT & T Yellow Pages
	MANLEY D	AT & T Yellow Pages

827 WEST

Year	Uses	Source
2006	R W	AT & T Yellow Pages

WEST AVE

649 WEST AVE

Year	Uses	Source
1994	LITAS COFFEE SHOP	Pacific Bell
1990	Litas Coffee Shop	R. L. Polk Co. Publishers
1987	Litas Coffee Shop	R. L. Polk Co. Publishers
1976	Mc Calls Sandwiches restr	R. L. Polk Co. Publishers
1970	A & W Drive In	R. L. Polk Co. Publishers
1965	Vacant	R. L. Polk Co. Publishers

655 WEST AVE

Year	Uses	Source
1961	Spafford Donald L	R. L. Polk Co., Publishers
1958	Spafford John H	R. L. Polk Co., Publishers
1953	Spafford John H	R. L. Polk Co., Publishers

West Ave

656 West Ave

Year	Uses	Source
2014	REYNOSO ANGELICA MARIA	EDR Digital Archive
2010	REYNOSO ANGELICA MARIA	EDR Digital Archive

WEST AVE

656 WEST AVE

Year	Uses	Source
2006	Bellas Beauty Salon	AT & T Yellow Pages
	REYNOSO Angelica	AT & T Yellow Pages
	Angelica	AT & T Yellow Pages
1994	INSURANCE SERVICE FMC	Pacific Bell

FINDINGS

Year	Uses	Source
1994	FREDIANI JOHN W	Pacific Bell
	STEVENS JIM	Pacific Bell
1990	F S Financial Consultants	R. L. Polk Co. Publishers
	Full Service Realty & Investment Co	R. L. Polk Co. Publishers
1987	Y Whittier David	R. L. Polk Co. Publishers
	real est	R. L. Polk Co. Publishers
	Full Service Realty & Investment Co	R. L. Polk Co. Publishers
1981	Lady Lovely	The Pacific Telephone and Telegraph Company
1976	Lady Lovely Beauty Salon	R. L. Polk Co. Publishers
1970	Lady Lovely Coiffures Of Fashion	R. L. Polk Co. Publishers
	Rear White Glen	R. L. Polk Co. Publishers
1965	rear Immediate Frances F Mrs	R. L. Polk Co. Publishers
	Lady Lovely Coiffeurs of Fashion	R. L. Polk Co. Publishers
1961	rear vacant	R. L. Polk Co., Publishers
	Vis Curly Cue Salon	R. L. Polk Co., Publishers
1958	rear Vivarelli Viola Mrs	R. L. Polk Co., Publishers
	Vis Curly Cue Salon	R. L. Polk Co., Publishers

658 WEST AVE

Year	Uses	Source
2006	PETRETTI Shawn	AT & T Yellow Pages
1994	Wheeler Brent W	Pacific Bell
1990	Vacant	R. L. Polk Co. Publishers
1987	Vacant	R. L. Polk Co. Publishers
1976	Nelson Bismark A	R. L. Polk Co. Publishers
1970	Nelson Bismnark A	R. L. Polk Co. Publishers
1965	Nelson Bisniark A	R. L. Polk Co. Publishers
1961	Nelson Laura E Mrs	R. L. Polk Co., Publishers
1958	Nelson Laura E	R. L. Polk Co., Publishers

660 WEST AVE

Year	Uses	Source
1994	Vong Narin	Pacific Bell
1990	Vong Narin	R. L. Polk Co. Publishers
1987	Vacant	R. L. Polk Co. Publishers
1981	Ferrell Ken	The Pacific Telephone and Telegraph Company
1976	Finpal Paul	R. L. Polk Co. Publishers
1970	Gates Maudie L	R. L. Polk Co. Publishers

Year	Uses	Source
1965	Davis Felton	R. L. Polk Co. Publishers
1961	Watson Wealthy Mrs	R. L. Polk Co., Publishers
1958	Watson Wealthy	R. L. Polk Co., Publishers

662 WEST AVE

Year	Uses	Source
1994	Petretti Shawn	Pacific Bell

664 WEST AVE

Year	Uses	Source
1990	Washkow Vance R	R. L. Polk Co. Publishers
1987	Washkow Vance R	R. L. Polk Co. Publishers
1981	Carli C	The Pacific Telephone and Telegraph Company
	I Carli Frank & Marylee Gnvl	The Pacific Telephone and Telegraph Company
	Carley B	The Pacific Telephone and Telegraph Company
	I Carley Chris B	The Pacific Telephone and Telegraph Company
	I Carley Christopher	The Pacific Telephone and Telegraph Company
	i Carley Clay & Donabel	The Pacific Telephone and Telegraph Company
	Carley Sara	The Pacific Telephone and Telegraph Company
1976	Connor J W	R. L. Polk Co. Publishers
1970	Millan Jack	R. L. Polk Co. Publishers
1965	Millan Jack	R. L. Polk Co. Publishers
1961	Plummer Daisy Mrs	R. L. Polk Co., Publishers
1958	Bailey Almira Mrs	R. L. Polk Co., Publishers

666 WEST AVE

Year	Uses	Source
2006	Fortunato	AT & T Yellow Pages
	HERNANDEZAna L	AT & T Yellow Pages
1990	F S Financial Consultants	R. L. Polk Co. Publishers
	a Hart Ray	R. L. Polk Co. Publishers
1987	a Hart Ray	R. L. Polk Co. Publishers

668 WEST AVE

Year	Uses	Source
2006	Fernando	AT & T Yellow Pages

FINDINGS

Year	Uses	Source
2006	JACOBUCCI Cheryl	AT & T Yellow Pages
	MORENO A Julio	AT & T Yellow Pages
1994	B Soundara Sithat	Pacific Bell
	Building	Pacific Bell
1990	a Alvarez Alejandra	R. L. Polk Co. Publishers
1987	a Alvarez Alejandra	R. L. Polk Co. Publishers

669 WEST AVE

Year	Uses	Source
2006	N	AT & T Yellow Pages
	William	AT & T Yellow Pages
1990	Solis Paul	R. L. Polk Co. Publishers
1987	Solis Paul	R. L. Polk Co. Publishers
1976	Vacant	R. L. Polk Co. Publishers
1970	Davis Charlotte G Mrs	R. L. Polk Co. Publishers
1965	Vacant	R. L. Polk Co. Publishers
1961	Vacant	R. L. Polk Co., Publishers
1958	Button Bertha S Mrs	R. L. Polk Co., Publishers
1953	Button Bertha S Mrs	R. L. Polk Co., Publishers

674 WEST AVE

Year	Uses	Source
1990	Sengthit Senphet	R. L. Polk Co. Publishers
1987	Sengthit Senphet	R. L. Polk Co. Publishers
1947	Button H H	R. L. Polk Co., Publishers

675 WEST AVE

Year	Uses	Source
1990	Stevens Eugene	R. L. Polk Co. Publishers
1987	Stevens Eugene	R. L. Polk Co. Publishers
1976	Stephens Eug C	R. L. Polk Co. Publishers
1970	Stephens Eug C	R. L. Polk Co. Publishers
1965	Harp W Virgil	R. L. Polk Co. Publishers
1961	Harp W Virgil	R. L. Polk Co., Publishers
1958	Harp W Virgil	R. L. Polk Co., Publishers
1953	Rollins Nellie E Mirs	R. L. Polk Co., Publishers
1947	Koenig Bertha Mrs	R. L. Polk Co., Publishers

FINDINGS

676 WEST AVE

Year	Uses	Source
1994	A Oliver P	Pacific Bell
	Building	Pacific Bell
1990	a Robertson Richd	R. L. Polk Co. Publishers
	b Pareto Bruce	R. L. Polk Co. Publishers
1987	b Pareto Bruce	R. L. Polk Co. Publishers
	a Robertson Richd	R. L. Polk Co. Publishers

678 WEST AVE

Year	Uses	Source
1990	a Tharp Gerald	R. L. Polk Co. Publishers
	b Ugarte Ed	R. L. Polk Co. Publishers
1987	b Ugarte Ed	R. L. Polk Co. Publishers
	a Tharp Gerald	R. L. Polk Co. Publishers

680 WEST AVE

Year	Uses	Source
1990	b Ferrier Stephen	R. L. Polk Co. Publishers
1987	b Ferrier Stephen	R. L. Polk Co. Publishers

682 WEST AVE

Year	Uses	Source
2006	FABIAN C	AT & T Yellow Pages
	Doming uez Jesus	AT & T Yellow Pages
	RODRIGUEZ Manuel	AT & T Yellow Pages
	Manuel	AT & T Yellow Pages
1990	a Palmieri Richd	R. L. Polk Co. Publishers
	b Vacant	R. L. Polk Co. Publishers
1987	a Pahnieri Richd	R. L. Polk Co. Publishers
	b Vacant	R. L. Polk Co. Publishers

West Ave

683 West Ave

Year	Uses	Source
2014	UNITED SHEET ROCK	EDR Digital Archive

FINDINGS

WEST AVE

683 WEST AVE

Year	Uses	Source
1990	Petach Gregory	R. L. Polk Co. Publishers
1987	Petach Gregory	R. L. Polk Co. Publishers
1976	Papera Anna D Mrs	R. L. Polk Co. Publishers
1970	Papera Anna D Mrs	R. L. Polk Co. Publishers
1965	Papera Anna D Mrs	R. L. Polk Co. Publishers
1961	Papera Anna D Mrs	R. L. Polk Co., Publishers
1958	Papera Anna D M s	R. L. Polk Co., Publishers
1953	Papera Annie D Mrs	R. L. Polk Co., Publishers
1947	Papera Anna Mrs	R. L. Polk Co., Publishers

684 WEST AVE

Year	Uses	Source
1990	a Ratliff Joann	R. L. Polk Co. Publishers
1987	a Ratliff Joann	R. L. Polk Co. Publishers

686 WEST AVE

Year	Uses	Source
1994	B Munoz Ana & Abel	Pacific Bell
	Building	Pacific Bell
1990	aSingh Jaswant	R. L. Polk Co. Publishers
1987	a Binnrminghami Dale	R. L. Polk Co. Publishers

715 WEST AVE

Year	Uses	Source
2006	LIZENSPARGER Katie	AT & T Yellow Pages
1990	No Return	R. L. Polk Co. Publishers
1987	No Return	R. L. Polk Co. Publishers
1981	Guerra Ray	The Pacific Telephone and Telegraph Company
	Guerrazzi Hugo & Betty.....	The Pacific Telephone and Telegraph Company
	Guerrazzi Michael & Rosetta	The Pacific Telephone and Telegraph Company
1976	Errecart Jill	R. L. Polk Co. Publishers
1970	Park Eug I	R. L. Polk Co. Publishers
1965	Clifton Wm W	R. L. Polk Co. Publishers
1961	Lehn Adelaide	R. L. Polk Co., Publishers

Year	Uses	Source
1958	Lehn Adelaide	R. L. Polk Co., Publishers
1953	Lehn Adelaide	R. L. Polk Co., Publishers
1947	Lehn Adelaide	R. L. Polk Co., Publishers

717 WEST AVE

Year	Uses	Source
2006	GERHOLD Glenn	AT & T Yellow Pages
1990	Cope Raymond W	R. L. Polk Co. Publishers
1987	Cope Raymond W	R. L. Polk Co. Publishers

719 WEST AVE

Year	Uses	Source
2006	MONDRAGON A	AT & T Yellow Pages
	Victor	AT & T Yellow Pages
1990	Fonzeca Luiz	R. L. Polk Co. Publishers
1987	Fonzeca Luiz	R. L. Polk Co. Publishers
1981	Allen Steven	The Pacific Telephone and Telegraph Company

721 WEST AVE

Year	Uses	Source
1990	Arriaga Henry C	R. L. Polk Co. Publishers
1987	Arriaga Henry C	R. L. Polk Co. Publishers

724 WEST AVE

Year	Uses	Source
1990	Nichols Ronald C	R. L. Polk Co. Publishers
1987	Nichols Ronald C	R. L. Polk Co. Publishers
1976	Gloeckner Clara Mrs	R. L. Polk Co. Publishers
1970	Gloeckner Clara Mrs	R. L. Polk Co. Publishers
1965	Gloeckner Clara Mrs	R. L. Polk Co. Publishers
1961	Gloeckner Otto P	R. L. Polk Co., Publishers
1958	Gloeckner Otto P	R. L. Polk Co., Publishers
1953	Gloeckner Otto P	R. L. Polk Co., Publishers
1947	Gloeckner Otto	R. L. Polk Co., Publishers

740 WEST AVE

Year	Uses	Source
2006	KRA One G Hill	AT & T Yellow Pages
1990	Franklin Adeline	R. L. Polk Co. Publishers

FINDINGS

Year	Uses	Source
1987	Franklin Adeline	R. L. Polk Co. Publishers
1976	Moore J R	R. L. Polk Co. Publishers
1970	Cheney Frank P	R. L. Polk Co. Publishers
1965	Cheney Frank P	R. L. Polk Co. Publishers
1961	Cheney PFrank P	R. L. Polk Co., Publishers
1958	Cheney Frank P	R. L. Polk Co., Publishers

743 WEST AVE

Year	Uses	Source
1990	Moore Isabel Mrs	R. L. Polk Co. Publishers
1987	Moore Isabel Mrs	R. L. Polk Co. Publishers
1976	Moore Isabel Mrs	R. L. Polk Co. Publishers
1970	Moore Cecil L	R. L. Polk Co. Publishers
1965	Moore Cecil L	R. L. Polk Co. Publishers
1961	Moore Cecil L	R. L. Polk Co., Publishers
1958	Moore Cecil L	R. L. Polk Co., Publishers
1953	Moore Cecil	R. L. Polk Co., Publishers
1947	Moore Lyle	R. L. Polk Co., Publishers

752 WEST AVE

Year	Uses	Source
2006	GREGORIOK Ortiz	AT & T Yellow Pages
1987	No Return	R. L. Polk Co. Publishers
1976	Harris Ralph E	R. L. Polk Co. Publishers
1970	Athens Margt F Mrs	R. L. Polk Co. Publishers
1965	Athens Margt F Mrs	R. L. Polk Co. Publishers
1961	Athens Geo	R. L. Polk Co., Publishers
1958	Bollig Theresa L Mrs	R. L. Polk Co., Publishers
1953	Brewer Arth E	R. L. Polk Co., Publishers
1947	Stokem M D	R. L. Polk Co., Publishers

West Ave

755 West Ave

Year	Uses	Source
2014	FROST GLENN J	EDR Digital Archive
2010	FROST GLENN J	EDR Digital Archive

FINDINGS

WEST AVE

756 WEST AVE

Year	Uses	Source
1994	Boyd Greg & Josie	Pacific Bell

762 WEST AVE

Year	Uses	Source
1990	No Return	R. L. Polk Co. Publishers

766 WEST AVE

Year	Uses	Source
1994	Lowry James D	Pacific Bell
1990	Osbome Iris G Mrs	R. L. Polk Co. Publishers
1987	Osborne Iris G Mrs	R. L. Polk Co. Publishers
1981	Sherwin Chris S	The Pacific Telephone and Telegraph Company
	Osborne Clair Russell	The Pacific Telephone and Telegraph Company
1976	Osborne Clair R	R. L. Polk Co. Publishers
	Osbornes Watch Repair	R. L. Polk Co. Publishers
1970	Osbornes Watch Repair	R. L. Polk Co. Publishers
	Osborne Clair R	R. L. Polk Co. Publishers
1965	Osbornie Clair R watch repr	R. L. Polk Co. Publishers
1961	Childress Rodney	R. L. Polk Co., Publishers
1958	Marshall Wallace S	R. L. Polk Co., Publishers
1953	Marshall Wallace S	R. L. Polk Co., Publishers
1947	Marshall W S	R. L. Polk Co., Publishers

West Ave

785 West Ave

Year	Uses	Source
2014	GARDEN TUTOR	EDR Digital Archive
	FROST MARY MASSAGE THERAPIST	EDR Digital Archive

WEST AVE

785 WEST AVE

Year	Uses	Source
2006	FROST Angela	AT & T Yellow Pages
	FROST Angela	AT & T Yellow Pages

FINDINGS

Year	Uses	Source
2006	Mary & Jack	AT & T Yellow Pages
	Jack	AT & T Yellow Pages
1990	Owens Thelma M	R. L. Polk Co. Publishers
1987	Owens Thelma M	R. L. Polk Co. Publishers
1981	Owens Thelma M	The Pacific Telephone and Telegraph Company
1976	Owens Thelma M	R. L. Polk Co. Publishers
1970	Owens Thelma M	R. L. Polk Co. Publishers
1965	Qwenw Thelma M	R. L. Polk Co. Publishers
1961	Owens Thelma Mrs	R. L. Polk Co., Publishers
1958	Owens Thelma Mrs	R. L. Polk Co., Publishers
1953	Owens Thelmia	R. L. Polk Co., Publishers
1947	a Owens Chas	R. L. Polk Co., Publishers

801 WEST AVE

Year	Uses	Source
2006	MANLEY D	AT & T Yellow Pages
	Raymond	AT & T Yellow Pages
1990	b Baker Carolyn	R. L. Polk Co. Publishers
	aJenkins L B	R. L. Polk Co. Publishers
1987	a Robinson Sheila	R. L. Polk Co. Publishers
	b Baker Carolyn	R. L. Polk Co. Publishers
1981	Horn Vernal M	The Pacific Telephone and Telegraph Company
1976	Roberts Ruby E	R. L. Polk Co. Publishers
1970	Welch Lawrence	R. L. Polk Co. Publishers
1965	Vacant	R. L. Polk Co. Publishers
1961	Weaver Floyd D	R. L. Polk Co., Publishers
1958	Vacant	R. L. Polk Co., Publishers
1953	Edwards Clarence A	R. L. Polk Co., Publishers

827 WEST AVE

Year	Uses	Source
2006	Raul	AT & T Yellow Pages
	R W	AT & T Yellow Pages
1990	Dawson Eugene	R. L. Polk Co. Publishers
1987	Vacant	R. L. Polk Co. Publishers

FINDINGS

831 WEST AVE

Year	Uses	Source
1994	Narvaez Ramon	Pacific Bell
1990	No Return	R. L. Polk Co. Publishers
1987	Phongsa Noy	R. L. Polk Co. Publishers
1981	Phongsa Noy	The Pacific Telephone and Telegraph Company
1976	b Vacant	R. L. Polk Co. Publishers
	a Vacant	R. L. Polk Co. Publishers
	Vacant	R. L. Polk Co. Publishers
1970	a Williams Arth A	R. L. Polk Co. Publishers
	b Pellette Robt	R. L. Polk Co. Publishers
	Dahm Ted L	R. L. Polk Co. Publishers
1965	b Vacant	R. L. Polk Co. Publishers
	a Martin Geo E	R. L. Polk Co. Publishers
	Phelps Frank R	R. L. Polk Co. Publishers
1961	rear vacant	R. L. Polk Co., Publishers
	Leach Harold J	R. L. Polk Co., Publishers
1958	Trammell Robt	R. L. Polk Co., Publishers
1953	Ralston Ollie W	R. L. Polk Co., Publishers
1947	Zorger M E	R. L. Polk Co., Publishers

835 WEST AVE

Year	Uses	Source
2006	C Miguel	AT & T Yellow Pages
	Felicita	AT & T Yellow Pages
1994	Simpson Paul	Pacific Bell
1990	Vacant	R. L. Polk Co. Publishers
1987	Vacant	R. L. Polk Co. Publishers
1981	Corbin Wm Lee	The Pacific Telephone and Telegraph Company

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1001 Sebastopol Rd	2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
1001 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1981, 1976, 1965, 1961, 1958, 1953, 1947, 1935, 1930
1005 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1947, 1935, 1930
1005 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
1015 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1947, 1935, 1930
1017 SEBASTOPOL RD	2014, 2010, 2006, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
1017 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
1019 SEBASTOPOL RD	2014, 2010, 2006, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
1021 SEBASTOPOL RD	2014, 2010, 2006, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
1024 SEBASTOPOL RD	2014, 2010, 1981, 1947, 1935, 1930
1025 SEBASTOPOL RD	2014, 2010, 2006, 1947, 1935, 1930
509 AVALON AVE	2014, 2010, 1981, 1947, 1935, 1930
510 AVALON AVE	2014, 2010, 2006, 1994, 1947, 1935, 1930
515 AVALON AVE	2014, 2010, 2006, 1994, 1947, 1935, 1930
516 AVALON AVE	2014, 2010, 2006, 1994, 1947, 1935, 1930
519 AVALON AVE	2014, 2010, 2006, 1994, 1947, 1935, 1930
520 AVALON AVE	2014, 2010, 2006, 1994, 1981, 1947, 1935, 1930
523 AVALON AVE	2014, 2010, 1994, 1981, 1947, 1935, 1930
523 Avalon Ave	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
530 AVALON AVE	2014, 2010, 2006, 1994, 1953, 1947, 1935, 1930
620 SEBASTOPOL	2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
620 SEBASTOPOL RD	2014, 2010, 1935, 1930
620 Sebastopol Rd	2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
621 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1965, 1961, 1958, 1953, 1947, 1935, 1930

FINDINGS

Address Researched	Address Not Identified in Research Source
622 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1961, 1958, 1953, 1947, 1935, 1930
625 SEBASTOPOL RD	2014, 2010, 2006, 1981, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
625 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
635 SEBASTO DOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
635 SEBASTOPOL RD	2014, 2010, 2006, 1981, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
640 SEBASTOPOL RD	2014, 2010, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
640 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
643 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1953, 1947, 1935, 1930
645 SEBASTOPOL RD	2014, 2010, 1981, 1953, 1947, 1935, 1930
645 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
649 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1953, 1947, 1935, 1930
649 WEST AVE	2014, 2010, 2006, 1981, 1961, 1958, 1953, 1947, 1935, 1930
651 SEBASTOPOL RD	2014, 2010, 2006, 1981, 1953, 1947, 1935, 1930
655 SEBASTOPOL RD	2014, 2010, 1953, 1947, 1935, 1930
655 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
655 WEST AVE	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1947, 1935, 1930
656 WEST AVE	2014, 2010, 1953, 1947, 1935, 1930
656 West Ave	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
657 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1953, 1947, 1935, 1930
658 WEST AVE	2014, 2010, 1981, 1953, 1947, 1935, 1930
660 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1935, 1930
660 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
660 WEST AVE	2014, 2010, 2006, 1953, 1947, 1935, 1930
662 WEST AVE	2014, 2010, 2006, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
664 WEST AVE	2014, 2010, 2006, 1994, 1953, 1947, 1935, 1930
665 SEBASTOPOL RD	2014, 2010, 2006, 1953, 1947, 1935, 1930
666 WEST AVE	2014, 2010, 1994, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
667 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1953, 1947, 1935, 1930

FINDINGS

Address Researched	Address Not Identified in Research Source
668 WEST AVE	2014, 2010, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
669 WEST AVE	2014, 2010, 1994, 1981, 1947, 1935, 1930
673 SEBASTOPOL RD	2014, 2010, 1953, 1947, 1935, 1930
673 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
674 WEST AVE	2014, 2010, 2006, 1994, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1935, 1930
675 WEST AVE	2014, 2010, 2006, 1994, 1981, 1935, 1930
676 WEST AVE	2014, 2010, 2006, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
678 WEST AVE	2014, 2010, 2006, 1994, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
680 SEBASTOPOL RD	2014, 2010, 2006, 1990, 1987, 1981, 1976, 1935, 1930
680 WEST AVE	2014, 2010, 2006, 1994, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
682 WEST	2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
682 WEST AVE	2014, 2010, 1994, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
683 WEST AVE	2014, 2010, 2006, 1994, 1981, 1935, 1930
683 West Ave	2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
684 WEST AVE	2014, 2010, 2006, 1994, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
686 WEST AVE	2014, 2010, 2006, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
700 SEBASTOPOL AVE	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1958, 1953, 1947, 1935, 1930
700 SEBASTOPOL RD	2014, 2010, 1935, 1930
700 Sebastopol Rd	2014, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
705 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1958, 1947, 1935, 1930
713 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
715 WEST AVE	2014, 2010, 1994, 1935, 1930
717 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
717 WEST AVE	2014, 2010, 1994, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
718 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
719 WEST AVE	2014, 2010, 1994, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
720 SEBASTOPOL RD	2014, 2010, 1947, 1935, 1930
721 WEST AVE	2014, 2010, 2006, 1994, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

FINDINGS

Address Researched	Address Not Identified in Research Source
722 SEBASTOPOL RD	2014, 2010, 1953, 1947, 1935, 1930
722 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
724 WEST AVE	2014, 2010, 2006, 1994, 1981, 1935, 1930
725 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
726 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
733 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
734 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
740 WEST AVE	2014, 2010, 1994, 1981, 1953, 1947, 1935, 1930
741 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
742 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
743 WEST AVE	2014, 2010, 2006, 1994, 1981, 1935, 1930
750 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
752 WEST	2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
752 WEST AVE	2014, 2010, 1994, 1990, 1981, 1935, 1930
753 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
755 West Ave	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
756 WEST AVE	2014, 2010, 2006, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
758 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
759 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1981, 1958, 1953, 1947, 1935, 1930
760 SEBASTOPOL RD	2014, 2010, 2006, 1935, 1930
761 SEBASTOPOL RD	2014, 2010, 1981, 1961, 1958, 1953, 1947, 1935, 1930
762 WEST AVE	2014, 2010, 2006, 1994, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
763 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
765 SEBASTOPOL RD	2014, 2010, 1961, 1958, 1953, 1947, 1935, 1930
766 WEST AVE	2014, 2010, 2006, 1935, 1930
773 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1953, 1947, 1935, 1930
777 SEBASTOPOL RD	2014, 2010, 1981, 1953, 1947, 1935, 1930

FINDINGS

Address Researched	Address Not Identified in Research Source
777 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
781 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1953, 1947, 1935, 1930
785 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1953, 1947, 1935, 1930
785 WEST	2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
785 WEST AVE	2014, 2010, 1994, 1935, 1930
785 West Ave	2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
800 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1947, 1935, 1930
801 WEST	2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
801 WEST AVE	2014, 2010, 1994, 1947, 1935, 1930
802 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1953, 1947, 1935, 1930
804 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1953, 1947, 1935, 1930
805 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1981, 1953, 1947, 1935, 1930
806 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1947, 1935, 1930
812 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1953, 1947, 1935, 1930
816 SEBASTOPOL RD	2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
816 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
825 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1947, 1935, 1930
827 WEST	2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
827 WEST AVE	2014, 2010, 1994, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
831 WEST AVE	2014, 2010, 2006, 1935, 1930
835 WEST AVE	2014, 2010, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
855 SEBASTOPOL RD	2014, 2010, 2006, 1947, 1935, 1930
855 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
855 SS SEBASTOPOL RD	2014, 2010, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
883 SEBASTOPOL RD	2014, 2010, 1981, 1965, 1947, 1935, 1930
885 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1953, 1947, 1935, 1930
887 SEBASTOPOL RD	2014, 2010, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

FINDINGS

Address Researched	Address Not Identified in Research Source
887 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
920 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1947, 1935, 1930
921 SEBASTOPOL RD	2014, 2010, 1965, 1947, 1935, 1930
921 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
932 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1961, 1958, 1953, 1947, 1935, 1930
933 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1965, 1947, 1935, 1930
947 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
949 SEBASTOPOL RD	2014, 2010, 1947, 1935, 1930
949 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
950 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
950 SEBASTOPOL RD	2014, 2010, 2006, 1947, 1935, 1930
951 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1947, 1935, 1930
959 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
959 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
962 Sebastopol Rd	2014, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
968 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1961, 1958, 1953, 1947, 1935, 1930
977 SEBASTOPOL RD	2014, 2010, 1947, 1935, 1930
977 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
988 SEBASTOPOL RD	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1965, 1953, 1947, 1935, 1930
989 SEBASTOPOL RD	2014, 2010, 1947, 1935, 1930
989 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
990 Sebastopol Rd	2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930
990 SEBASTOPOL RD	2014, 2010, 1947, 1935, 1930
995 SEBASTOPOL RD	2014, 2010, 2006, 1947, 1935, 1930
999 SEBASTOPOL RD	2014, 2010, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
801 Sebastopol Road	2014, 2010, 2006, 1994, 1990, 1987, 1981, 1976, 1970, 1965, 1961, 1958, 1953, 1947, 1935, 1930

Boys and Girls Club Sonoma-Marin
801 Sebastopol Road
Santa Rosa, CA 95407

Inquiry Number: 5775903.8
September 03, 2019

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

About This Report

Executive Summary

Findings

Glossary

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting 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.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of CKG Environmental on Sep 03, 2019.

TARGET PROPERTY

801 Sebastopol Road
Santa Rosa, CA 95407

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Santa Rosa

Year	*Source*	*TP*	*Adjoining*
2019	City of Santa Rosa, Building Division		
2018	City of Santa Rosa, Building Division		X
2017	City of Santa Rosa, Building Division		X
2016	City of Santa Rosa, Building Division		X
2015	City of Santa Rosa, Building Division		X
2014	City of Santa Rosa, Building Division		X
2013	City of Santa Rosa, Building Division		X
2012	City of Santa Rosa, Building Division		X
2011	City of Santa Rosa, Building Division		X
2010	City of Santa Rosa, Building Division		X
2009	City of Santa Rosa, Building Division		
2008	City of Santa Rosa, Building Division		X
2007	City of Santa Rosa, Building Division		X
2006	City of Santa Rosa, Building Division		X
2005	City of Santa Rosa, Building Division		
2004	City of Santa Rosa, Building Division		
2003	City of Santa Rosa, Building Division		X
2002	City of Santa Rosa, Building Division		X
2001	City of Santa Rosa, Building Division		X
2000	City of Santa Rosa, Building Division		X
1999	City of Santa Rosa, Building Division		X
1998	City of Santa Rosa, Building Division		
1997	City of Santa Rosa, Building Division		X
1996	City of Santa Rosa, Building Division		
1995	City of Santa Rosa, Building Division		
1994	City of Santa Rosa, Building Division		
1993	City of Santa Rosa, Building Division		
1992	City of Santa Rosa, Building Division		

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
1991	City of Santa Rosa, Building Division		
1990	City of Santa Rosa, Building Division		
1989	City of Santa Rosa, Building Division		

Sonoma County

Year	Source	TP	Adjoining
2019	Sonoma County, Permit and Resource Management D		
2018	Sonoma County, Permit and Resource Management D		
2017	Sonoma County, Permit and Resource Management D		X
2016	Sonoma County, Permit and Resource Management D		X
2015	Sonoma County, Permit and Resource Management D		X
2014	Sonoma County, Permit and Resource Management D		X
2013	Sonoma County, Permit and Resource Management D		X
2012	Sonoma County, Permit and Resource Management D		X
2011	Sonoma County, Permit and Resource Management D		X
2010	Sonoma County, Permit and Resource Management D		X
2009	Sonoma County, Permit and Resource Management D		X
2008	Sonoma County, Permit and Resource Management D		X
2007	Sonoma County, Permit and Resource Management D		X
2006	Sonoma County, Permit and Resource Management D		
2005	Sonoma County, Permit and Resource Management D		X
2004	Sonoma County, Permit and Resource Management D		X
2003	Sonoma County, Permit and Resource Management D		X
2002	Sonoma County, Permit and Resource Management D		X
2001	Sonoma County, Permit and Resource Management D		X
2000	Sonoma County, Permit and Resource Management D		X
1999	Sonoma County, Permit and Resource Management D		X
1998	Sonoma County, Permit and Resource Management D		X
1997	Sonoma County, Permit and Resource Management D		X
1996	Sonoma County, Permit and Resource Management D		X
1995	Sonoma County, Permit and Resource Management D		X
1994	Sonoma County, Permit and Resource Management D		
1993	Sonoma County, Permit and Resource Management D		
1992	Sonoma County, Permit and Resource Management D		
1991	Sonoma County, Permit and Resource Management D		
1990	Sonoma County, Permit and Resource Management D		
1989	Sonoma County, Permit and Resource Management D		
1988	Sonoma County, Permit and Resource Management D		
1987	Sonoma County, Permit and Resource Management D		

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Santa Rosa
Years: 1989-2019
Source: City of Santa Rosa, Building Division, SANTA ROSA, CA
Phone: (707) 543-3222

Name: Sonoma County
Years: 1987-2019
Source: Sonoma County, Permit and Resource Management Department, SANTA ROSA, CA
Phone: (707) 565-1900

Name: Livermore
Years: 1988-2019
Source: City of Livermore, Community Devlopment, Building Department, LIVERMORE, CA
Phone: (925) 960-4410

Name: Mendocino County Unincorporated Area
Years: 1975-2019
Source: Mendocino County, Planning and Building Services, REDWOOD VALLEY, CA
Phone: (707) 463-4281

Name: Redding
Years: 1987-2019
Source: City of Redding, Development Services, Building Division, OAKLAND, CA
Phone: 530-225-4014

Name: Ventura County Unincorporated Area
Years: 1970-2019
Source: County of Ventura, Building and Safety, VENTURA, CA
Phone: (805) 654-2771

Name: Rohnert Park
Years: 1999-2019
Source: City of Rohnert Park, Rohnert Park, CA
Phone: (707) 588-2240

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

801 Sebastopol Road
Santa Rosa, CA 95407

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

AVALON AVE

515 AVALON AVE

Date:	**9/25/2017**
Permit Type:	
Description:	**T/O and replace 1100 SF comp shingles.**
Permit Description:	**Residential Addition-Alteration**
Work Class:	
Proposed Use:	
Permit Number:	B17-4279
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**3/11/1999**
Permit Type:	
Description:	**INSTALL BACKFLOW VALVE - IRRIGATION ONLY**
Permit Description:	
Work Class:	Trade Permit Commercial (more than one trade - no
Proposed Use:	
Permit Number:	77560
Status:	
Valuation:	$525.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **4/2/1996**
Permit Type: **A-BLD**
Description: **ELECTRIC UPGRADE ON PANEL FOR SFD**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: B-136162
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **8/21/1995**
Permit Type: **A-BLD**
Description: **REPLACE FURNACE/AND FLUE**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: B-131558
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

523 AVALON AVE

Date: **12/4/1997**
Permit Type:
Description: **DEMO (E) GAR, BUILD NEW ATTACHED GAR/STG**

Permit Description:
Work Class:
Proposed Use:
Permit Number: 73236
Status:
Valuation: $15,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

605 AVALON AVE

Date:	**12/22/2010**
Permit Type:	
Description:	**REMOVE EXISTING FLAT ROOF ON BACK OF BUILDING 294 SQ.FT. BUILD BAGLE ROOF OVER AREA REMOVED. BUILD 2O FT OF PARTITION WALL TO RECONFUGURE EXISTING BEDROOM & FAMILYROOM. INSTALL NEW WIREING INSTALL NEW SMOKE ALARMS IN ALL BEDROOMS AND HALLWAYS.**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	ADDN/ALTER RESIDENTIAL
Proposed Use:	
Permit Number:	B10-4218
Status:	
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	

Date:	**9/29/1997**
Permit Type:	
Description:	**INSTALL ELEC SERV/GAS MTR/REPL GAS PIPE**
Permit Description:	
Work Class:	Trade Permit Commercial (more than one trade - no
Proposed Use:	
Permit Number:	72512
Status:	
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**9/23/1997**
Permit Type:	
Description:	**REMODEL BATHROOM & LAUNDRY AREA**
Permit Description:	
Work Class:	Addition/Alteration to Single Family Dwelling Addi
Proposed Use:	
Permit Number:	72422
Status:	
Valuation:	$8,000.00
Contractor Company:	
Contractor Name:	

613 AVALON AVE

Date:	**9/7/2016**
Permit Type:	
Description:	**Construct new single-family dwelling: 2 story, 3 bedroom, 2 1/2 bath, 1304 SF residence; 493 SF garage and 43 SF covered porch. 2/14/18 Truss Plans approved. MWE**
Permit Description:	**Residential New**
Work Class:	
Proposed Use:	
Permit Number:	B16-3793
Status:	Issued - Deferred
Valuation:	$145,000.00
Contractor Company:	
Contractor Name:	R H B BUILDERS LLC

ADJOINING PROPERTY FINDINGS

Date: **10/14/2010**
Permit Type:
Description: **NEW ROOF OVERLAY 14 SQUARE FOR SFD 40 YR CLASS A CLIMATE ZONE 2.**

Permit Description: **SIMPLE BUILDING PERMIT**
Work Class: REROOF RES
Proposed Use:
Permit Number: B10-3251
Status:
Valuation: $2,000.00
Contractor Company:
Contractor Name:

Date: **4/30/2001**
Permit Type:
Description: **UPGRADE ELECTRIC TO 200A**

Permit Description:
Work Class: Trade Permit Commercial (more than one trade - no
Proposed Use:
Permit Number: 86436
Status:
Valuation: $1,200.00
Contractor Company:
Contractor Name:

Date: **4/17/2001**
Permit Type:
Description: **SEWER LINE REAPAIR, NEW WATER HEATER**

Permit Description:
Work Class: Addition/Alteration to Single Family Dwelling Addi
Proposed Use:
Permit Number: 86270
Status:
Valuation: $2,700.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

AVALON LN

609 AVALON LN

Date:	**9/7/2016**
Permit Type:	
Description:	**Construct new single-family dwelling: 2 story, 3 bedroom, 2 1/2 bath; 1295 SF residence; 268 SF garage. Lot 4 Minwath Meadows 2/14/18 Truss Plans approved. MWE**
Permit Description:	**Residential New**
Work Class:	
Proposed Use:	
Permit Number:	B16-3795
Status:	Issued - Deferred
Valuation:	$138,000.00
Contractor Company:	
Contractor Name:	R H B BUILDERS LLC

611 AVALON LN

Date:	**9/7/2016**
Permit Type:	
Description:	**Construct new single-family dwelling: 2 story, 3 bedroom, 2 1/2 bath; 1319 SF residence; 511 SF garage, 92 SF covered porch. 2/14/18 Truss Plans approved. MWE**
Permit Description:	**Residential New**
Work Class:	
Proposed Use:	
Permit Number:	B16-3792
Status:	Issued - Deferred
Valuation:	$145,000.00
Contractor Company:	
Contractor Name:	R H B BUILDERS LLC

ADJOINING PROPERTY FINDINGS

615 AVALON LN

Date:	**9/7/2016**
Permit Type:	
Description:	**Construct new single-family dwelling: 1304 SF residence; 493 SF garage. 2/14/18 Truss Plans approved. MWE**
Permit Description:	**Residential New**
Work Class:	
Proposed Use:	
Permit Number:	B16-3794
Status:	Issued - Deferred
Valuation:	$142,000.00
Contractor Company:	
Contractor Name:	R H B BUILDERS LLC

SEBASTOPOL RD

1001 SEBASTOPOL RD

Date:	**9/20/2011**
Permit Type:	**AB-DEM**
Description:	**LEGALIZE BACK TO WAREHOUSE**
Permit Description:	**Demolition Permit**
Work Class:	
Proposed Use:	
Permit Number:	DEM11-0208
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

1017 SEBASTOPOL RD

Date:	**6/13/2007**
Permit Type:	
Description:	**SOIL/GROUNDWATER REMEDMIATION SYSTEM ELC PANEL 200AMPS TRENCHING AND SYSTEM**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD07-1033
Status:	PREFINAL
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	

1024 SEBASTOPOL RD

Date:	**10/12/2001**
Permit Type:	**A-BLD**
Description:	**UNDERGROUND CONVERSION**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD01-5042
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

565 SEBASTOPOL RD

Date:	**7/2/2012**
Permit Type:	
Description:	**ADA UPGRADE OF (E) TOILET, ENTRY AND SEATING AREAS AT (E) RESTAURANT**
Permit Description:	
Work Class:	Non-Resid - Add'n/Remod/HVAC
Proposed Use:	
Permit Number:	BLD12-2207
Status:	PREFINAL
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	HERNANDEZ JORGE

Date:	**6/20/2012**
Permit Type:	**FIRE**
Description:	**ADA UPGRADE OF TOILET, ENTRY AND SEATING - 565 SEBASTOPOL RD - EL FAVORITO TAQUERIA**
Permit Description:	**FIRE PERMIT**
Work Class:	ROSELAND PERMIT
Proposed Use:	
Permit Number:	F12-0332
Status:	APPLIED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **11/21/2011**
Permit Type: **B-BLD**
Description: **TO COMPLETE BLD07-3648 TEMPORARY REMEDIATION VAPOR & GROUNDWATER**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD11-4999
Status: PREFINAL
Valuation: $15,000.00
Contractor Company:
Contractor Name:

Date: **7/24/2007**
Permit Type:
Description: **TEMPORARY REMEDIATION VAPOR & GROUND WATER EXTRACTION W/ NECESSARY TRENCHING ((SUBJECT TO FIELD INSPECTION))**

Permit Description:
Work Class:
Proposed Use:
Permit Number: BLD07-3648
Status: PREFINAL
Valuation: $15,000.00
Contractor Company:
Contractor Name:

Date: **5/25/2004**
Permit Type:
Description: **REPAIR LEAKY PIPES IN RESTAURANT, SUBJECT TO FIELD INSPECTION**

Permit Description:
Work Class:
Proposed Use:
Permit Number: BLD04-2807
Status: PREFINAL
Valuation: $2,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **1/21/2000**
Permit Type: **B-BLD**
Description: **NEW COVERED OUTDOOR EATING PATIO**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD99-2766
Status: FINALED
Valuation: $10,416.00
Contractor Company:
Contractor Name:

620 SEBASTOPOL RD

Date: **6/8/2004**
Permit Type:
Description: **INSTALLATION OF EXTERIOR SIGN NON ILLUMINATED FOR AUTO INSURANCE OFFICE - "AUTO SAVER PLUS INSURANCE"**

Permit Description:
Work Class:
Proposed Use:
Permit Number: BLD04-1208
Status: PREFINAL
Valuation: $2,500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **5/2/2003**
Permit Type: **AB-DEM**
Description: **DEMOLITION - PARTIAL DEMO OF (E) COMMERCIAL RETAIL BUILDING**

Permit Description: **Demolition Permit**
Work Class:
Proposed Use:
Permit Number: DEM03-0103
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **4/21/2003**
Permit Type: **B-BLD**
Description: **REMODEL EXTERIOR OF EXISTING COMM BUILDING-TENANT IMPROVEMENTS**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD03-0275
Status: FINALED
Valuation: $60,000.00
Contractor Company:
Contractor Name:

Date: **10/12/2001**
Permit Type: **A-BLD**
Description: **UNDERGROUND CONVERSION**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-5030
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

625 SEBASTOPOL RD

Date:	**5/25/2007**
Permit Type:	**B-BLD**
Description:	**TI INTERIOR ONLY FOR TOBACCO SHOP W/ OFFICE & BATHRM**
Permit Description:	**Building permit with plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD07-1847
Status:	FINALED
Valuation:	$32,000.00
Contractor Company:	
Contractor Name:	

Date:	**9/24/2004**
Permit Type:	**B-BLD**
Description:	**EARTHQUAKE RETROFIT; SB-547-259**
Permit Description:	**Building permit with plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD04-3092
Status:	FINALED
Valuation:	$32,000.00
Contractor Company:	
Contractor Name:	

Date:	**9/6/2000**
Permit Type:	**A-BLD**
Description:	**UPGRADE ELEC METER FROM 400 AMP TO 600 AMP**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD00-4090
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **6/26/2000**
Permit Type: **A-BLD**
Description: **REPLACE 200 AMP ELEC METER SOCKET**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD00-2829
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **3/22/1999**
Permit Type: **B-BLD**
Description: **INDIVIDUAL LETTERS 20 INCH LIGHTED SIGN FOR COMMERCIAL BUILDING**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: B-152513
Status: FINALED
Valuation: $3,500.00
Contractor Company:
Contractor Name:

Date: **12/11/1998**
Permit Type: **B-BLD**
Description: **TENANT IMPROVEMENT-COMM GOODWILL**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: B-151057
Status: FINALED
Valuation: $105,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:
Permit Type: **B-BLD**
Description: **T.I. INTERIOR ONLY FOR SPORTING GOODS STORE & OFFICE**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD05-0065
Status: PC EXPD
Valuation: $21,500.00
Contractor Company:
Contractor Name:

Date:
Permit Type: **B-BLD**
Description: **RENEW PC BLD05-0065 SPORTING GOODS & OFC TI**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD06-0038
Status: PC EXPD
Valuation: $21,500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

640 SEBASTOPOL RD

Date:	**9/27/2012**
Permit Type:	**FIRE**
Description:	**FIRE ALARM INSTALL - 640 SEBASTOPOL RD - RANCHO MENDOZA MARKET (ROSELAND)**
Permit Description:	**FIRE PERMIT**
Work Class:	NEW FIRE ALARM SYSTEM
Proposed Use:	
Permit Number:	F12-0511
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**9/10/2012**
Permit Type:	**FIRE**
Description:	**FIXED EXTINGUISHING SYSTEM/INSTALL UL300 FIRE ALARM**
Permit Description:	**FIRE PERMIT**
Work Class:	SPECIAL EXTINGUISHING SYSTEM
Proposed Use:	
Permit Number:	F12-0474
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**8/1/2012**
Permit Type:	**FIRE**
Description:	**SPRINKLER TI - 640 SEBASTOPOL RD - RANCHO MENDOZA MARKET**
Permit Description:	**FIRE PERMIT**
Work Class:	SPRINKLER TENANT IMPROVEMENT
Proposed Use:	
Permit Number:	F12-0399
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**11/28/2011**
Permit Type:	**FIRE**
Description:	**PRMD/ROSELAND REVIEW - 640 SEBASTOPOL RD - RANCHGO MENDOZA TENANT IMPROVEMENT**
Permit Description:	**FIRE PERMIT**
Work Class:	ROSELAND PERMIT
Proposed Use:	
Permit Number:	F11-0621
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**1/25/2007**
Permit Type:	**B-BLD**
Description:	**MARKET TENENT IMPROVEMENT. 5-30-2007 TEMP OCCUPANCY APPLIED FOR.**
Permit Description:	**Building permit with plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD06-5350
Status:	FINALED
Valuation:	$75,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

645 SEBASTOPOL RD

Date:	**6/4/2014**
Permit Type:	**FIRE**
Description:	**FIXED EXTINGUISHING SYSTEM - 645 SEBASTOPOL RD - TARASCO MARKET**
Permit Description:	**FIRE PERMIT**
Work Class:	SPECIAL EXTINGUISHING SYSTEM
Proposed Use:	
Permit Number:	F14-0382
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**3/18/2014**
Permit Type:	**FIRE**
Description:	**PRMD REVIEW - 645 SEBASTOPOL RD - ROSELAND VILLAGE - TARASCO MARKET USE PERMIT - UPE14-0022**
Permit Description:	**FIRE PERMIT**
Work Class:	OTHER MISCELLANEOUS
Proposed Use:	
Permit Number:	F14-0174
Status:	APPLIED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**5/10/2013**
Permit Type:	**FIRE**
Description:	**ROSELAND/PRMD REVIEW - 645 SEBASTOPOL RD - TI FOR TARAXCO MARKET**
Permit Description:	**FIRE PERMIT**
Work Class:	ROSELAND PERMIT
Proposed Use:	
Permit Number:	F13-0316
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**5/7/2013**
Permit Type:	
Description:	**TENANT IMPROVEMENT FOR TARASCO MARKET**
Permit Description:	
Work Class:	Non-Resid - Add'n/Remod/HVAC
Proposed Use:	
Permit Number:	BLD13-1993
Status:	FINALED
Valuation:	$72,658.20
Contractor Company:	
Contractor Name:	FRANK RAINONE CONSTRUCTION

Date:	**11/5/1998**
Permit Type:	**B-BLD**
Description:	**RETRO FIT-SEISMIC UPGRADE COMMERICAL**
Permit Description:	**Building permit with plans**
Work Class:	
Proposed Use:	
Permit Number:	B-150284
Status:	FINALED
Valuation:	$55,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**8/25/1998**
Permit Type:	**A-BLD**
Description:	**TEAR OFF & REROOF COM. BLDG. W/ COMPOSITION ROOF**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	B-149638
Status:	FINALED
Valuation:	$9,477.00
Contractor Company:	
Contractor Name:	

650 SEBASTOPOL RD

Date:	**7/18/2016**
Permit Type:	**Commercial**
Description:	**CREATE PARKETTE((2) CV'D PICNIC TABLES & DRINKING FOUNTAIN) IN (E) PARKING LOT**
Permit Description:	**Non-Resid - Addn/Remod/HVAC**
Work Class:	Non-Residential Additions/Alterations
Proposed Use:	Non-Residential - Addition / Remodel / HVAC
Permit Number:	BLD16-3632
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HOVEY WAYNE P

ADJOINING PROPERTY FINDINGS

651 SEBASTOPOL RD

Date:	**1/20/2015**
Permit Type:	**CALT**
Description:	**RESIDE (E) DEMISING WALL TO WEATHERPROOF FOR FUTURE DEVELOPMENT RESIDE (E) DEMISING WALL TO WEATHERPROOF FOR FUTURE DEVELOPMENT**
Permit Description:	**Non-Residential - Addition/Remodel/HVAC**
Work Class:	
Proposed Use:	
Permit Number:	BLD15-0296
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JAKELA INC

Date:	**1/19/1999**
Permit Type:	**A-BLD**
Description:	**NEW GAS METER/FURNACE**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	B-152037
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:
Permit Type: **B-BLD**
Description: **COM- TENANT IMPROVMNT FROM SCHOOL TO COFFEE SHOP & BAKERY**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD09-5084
Status: PLANCHEK
Valuation: $50,000.00
Contractor Company:
Contractor Name:

655 SEBASTOPOL RD

Date: **10/23/2000**
Permit Type: **B-BLD**
Description: **TENANT IMPROVEMENT:COMMERCIAL OFFICES**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD00-2906
Status: FINALED
Valuation: $50,000.00
Contractor Company:
Contractor Name:

Date: **1/24/2000**
Permit Type: **B-BLD**
Description: **RETROFIT COMMERCIAL BUILDING**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD99-2212
Status: FINALED
Valuation: $70,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **4/30/1998**
Permit Type: **B-BLD**
Description: **PARAPET BRACING TO EXIST STORE ROOF**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: B-147514
Status: FINALED
Valuation: $20,000.00
Contractor Company:
Contractor Name:

660 SEBASTOPOL RD

Date: **8/26/2003**
Permit Type: **B-BLD**
Description: **TENANT IMPROVEMENT VIDEO RENTAL STORE**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD03-1798
Status: FINALED
Valuation: $65,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:	**4/21/2003**
Permit Type:	**B-BLD**
Description:	**REMODEL EXTERIOR AND STRUCTURAL RETROFIT WORK TO THE INTERIOR OF EXISTING COMM BUILDING & INSTALL 6 LIGHT POLES**
Permit Description:	**Building permit with plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD03-0274
Status:	FINALED
Valuation:	$190,000.00
Contractor Company:	
Contractor Name:	

665 SEBASTOPOL RD

Date:	**1/8/2015**
Permit Type:	**CALT**
Description:	**NEW ELECTRIC SERVICE PANEL 100 AMP TO KEEP PARKING LIGHTS ACTIVE AND TO PERFORM DEMOLITION OF DEM14-0214 - TO BE REPLACED WITH FUTURE DEVELOPMENT** **NEW ELECTRIC SERVICE PANEL 100 AMP TO KEEP PARKING LIGHTS ACTIVE AND TO PERFORM DEMOLITION OF DEM14-0214 - TO BE REPLACED WITH FUTURE DEVELOPMENT**
Permit Description:	**Non-Residential - Addition/Remodel/HVAC**
Work Class:	
Proposed Use:	
Permit Number:	BLD15-0098
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MIKE BROWN ELECTRIC CO

ADJOINING PROPERTY FINDINGS

Date:	**10/16/2014**
Permit Type:	**CDMO**
Description:	**DEMO (E) COMMERCIAL BUILDING (FORMER GROCERY STORE) - BLDG E** **DEMO (E) COMMERCIAL BUILDING (FORMER GROCERY STORE) - BLDG E**
Permit Description:	**Non-Residential - demolition**
Work Class:	
Proposed Use:	
Permit Number:	DEM14-0214
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JAKELA INC

Date:	**4/22/2014**
Permit Type:	**FIRE**
Description:	**SPECIAL EVENT PUBLIC ASSEMBLY PERMIT FOR THE ROSELAND CINCO DE MAYO FESTIVAL AT 665 SEBASTOPOL RD ON MAY 05, 2014 FROM 4:00 TO 9:00 PM.**
Permit Description:	**FIRE PERMIT**
Work Class:	SPECIAL EVENT PERMIT
Proposed Use:	
Permit Number:	F14-0252
Status:	ISSUED, FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**5/10/2012**
Permit Type:	**FIRE**
Description:	**LIMITED USE PROPANE PERMIT FOR LA FONDITA @ 655 SEBASTOPOL RD - 1ST USE CINCO DE MAYO EVENT.**
Permit Description:	**FIRE PERMIT**
Work Class:	LIMITED PROPANE PERMIT
Proposed Use:	
Permit Number:	F12-0250
Status:	APPROVED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**5/7/2012**
Permit Type:	**FIRE**
Description:	**LIMITED USE PROPANE PERMIT FOR LOS MAGOS ON CINCO DE MAYO @ 650 SEBASTOPOL RD ON 5/5/2012 FROM 3 PM - 9 PM.**
Permit Description:	**FIRE PERMIT**
Work Class:	LIMITED PROPANE PERMIT
Proposed Use:	
Permit Number:	F12-0226
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**5/7/2012**
Permit Type:	**FIRE**
Description:	**LIMITED USE PROPANE PERMIT FOR LA ALTENA MEXICAN RESTAURANT FOR CINCO DE MAYO EVENT@ 650 SEBASTOPOL RD ON 5/5/12 FROM 3:00 PM TO 9:00 PM.**
Permit Description:	**FIRE PERMIT**
Work Class:	LIMITED PROPANE PERMIT
Proposed Use:	
Permit Number:	F12-0227
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**5/7/2012**
Permit Type:	**FIRE**
Description:	**LIMITED USE PROPANE PERMIT FOR CASA DEL PALMARCITO FOR CINCO DE MAYO EVENT @ 650 SEBASTOPOL RD ON 5/5/12 FROM 3:00 - 9:00 PM.**
Permit Description:	**FIRE PERMIT**
Work Class:	LIMITED PROPANE PERMIT
Proposed Use:	
Permit Number:	F12-0228
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**5/3/2012**
Permit Type:	**FIRE**
Description:	**LIMITED USE PROPANE PERMIT FOR LA LUZ DEL MUNDO, 1ST USE CINCO DE MAYO AT 650 SEBASTOPOL RD ON 5-5-12 FROM 3:00 PM TO 9:00 PM.**
Permit Description:	**FIRE PERMIT**
Work Class:	LIMITED PROPANE PERMIT
Proposed Use:	
Permit Number:	F12-0213
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**5/3/2012**
Permit Type:	**FIRE**
Description:	**LIMITED USE PROPANE PERMIT FOR CHURROLANDIA - CINCO DE MAYO @ 650 SEBASTOPOL RD ON 5-5-12 FROM 3:00 PM TO 9:00 PM.**
Permit Description:	**FIRE PERMIT**
Work Class:	LIMITED PROPANE PERMIT
Proposed Use:	
Permit Number:	F12-0216
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**5/3/2012**
Permit Type:	**FIRE**
Description:	**LIMITED USE PROPANE PERMIT FOR MARIA SANTOS MOYA MEXICAN FOOD FOR CINCO DE MAYO AT 50 SEBASTOPOL RD ON 5-5-12 FROM 3:00 PM TO 9:00 PM.**
Permit Description:	**FIRE PERMIT**
Work Class:	LIMITED PROPANE PERMIT
Proposed Use:	
Permit Number:	F12-0218
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**5/3/2012**
Permit Type:	**FIRE**
Description:	**LIMITED USE PERMIT FOR OSXAQUENA TAMALES Y MOR FOR CINCO DE MAYO EVENT AT 655 SEBASTOPOL ON 5-5-12 FROM 3:OO PM TO 9:00 PM.**
Permit Description:	**FIRE PERMIT**
Work Class:	FIRE
Proposed Use:	
Permit Number:	F12-0219
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**4/30/2012**
Permit Type:	**FIRE**
Description:	**LIMITED USE PROPANE PERMIT FOR SAZON PERVVIAN CUISINE, 1ST TIME USE CINCO DE MAYO @ 650 SEBASTOPOL RD ON 5/5/12 FROM 3 PM TO 9 PM.**
Permit Description:	**FIRE PERMIT**
Work Class:	LIMITED PROPANE PERMIT
Proposed Use:	
Permit Number:	F12-0205
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**11/4/1997**
Permit Type:	**A-BLD**
Description:	**TEAR OFF TAR & GRAVEL & INSTALL SAME - CLASS A**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	B-145414
Status:	FINALED
Valuation:	$75,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

675 SEBASTOPOL RD

Date:	**11/20/2014**
Permit Type:	**CDMO**
Description:	**DEMO (E) COMMERCIAL BUILDING (FORMER GAS STATION) BLDG A** **DEMO (E) COMMERCIAL BUILDING (FORMER GAS STATION) BLDG A**
Permit Description:	**Non-Residential - demolition**
Work Class:	
Proposed Use:	
Permit Number:	DEM14-0246
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	C HAMMOND CONSTRUCTION

Date:	**10/16/2014**
Permit Type:	**CDMO**
Description:	**DEMO (E) COMMERCIAL BUILDING (WAREHOUSE) BLDG D** **DEMO (E) COMMERCIAL BUILDING (WAREHOUSE) BLDG D**
Permit Description:	**Non-Residential - demolition**
Work Class:	
Proposed Use:	
Permit Number:	DEM14-0216
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JAKELA INC

ADJOINING PROPERTY FINDINGS

Date: **9/13/2004**
Permit Type: **DEM**
Description: **DEMO DISMANTEL COM BLDG CANOPY J# 2B762**

Permit Description: **Demolition Permit**
Work Class:
Proposed Use:
Permit Number: DEM04-0234
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **3/14/2000**
Permit Type: **B-BLD**
Description: **REPLACE SIGN**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD00-0642
Status: FINALED
Valuation: $2,500.00
Contractor Company:
Contractor Name:

680 SEBASTOPOL RD

Date: **7/26/2012**
Permit Type:
Description: **INSTALL NEW SIGNAGE FOR SUPERMARKET.**

Permit Description:
Work Class: Non-Resid - Add'n/Remod/HVAC
Proposed Use:
Permit Number: BLD12-2912
Status: PREFINAL
Valuation: $0.00
Contractor Company:
Contractor Name: PACIFIC SIGNS & LIGHTING

ADJOINING PROPERTY FINDINGS

Date: **1/25/2008**
Permit Type: **A-BLD**
Description: **COMM OVERLAY 74 SQS GARNITE COAT/SELF CERT**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD08-0287
Status: FINALED
Valuation: $26,850.00
Contractor Company:
Contractor Name:

Date: **5/17/2007**
Permit Type:
Description: **ADD LIGHTED SIGN ATTACHED TO EXISTING STRUCTURE**

Permit Description:
Work Class:
Proposed Use:
Permit Number: BLD07-2028
Status: PREFINAL
Valuation: $5,000.00
Contractor Company:
Contractor Name:

Date: **3/8/2007**
Permit Type:
Description: **NEW GOODWILL LIGHTED LETTERS**

Permit Description:
Work Class:
Proposed Use:
Permit Number: BLD07-1088
Status: PREFINAL
Valuation: $2,400.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **3/18/2004**
Permit Type:
Description: **NEW EXTERIOR SIGN FOR BRADLEY VIDEO**

Permit Description:
Work Class:
Proposed Use:
Permit Number: BLD04-0898
Status: PREFINAL
Valuation: $3,000.00
Contractor Company:
Contractor Name:

Date: **1/27/2004**
Permit Type: **A-BLD**
Description: **NEW METER TO SERVICE COMMERCIAL BUILDING**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD04-0395
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/26/1995**
Permit Type: **A-BLD**
Description: **REPAIR SEWER LINE; ELEC. CIRCUITS/ REPLACE SHEET- ROCK DUE TO P.V.C. FIRE (SMOKE) DAMAGE.**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: B-134074
Status: ISSUED
Valuation: $6,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:
Permit Type: **B-BLD**
Description: **TI: MARKET EXPANSION**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD11-4869
Status: PLANCHEK
Valuation: $55,350.00
Contractor Company:
Contractor Name:

700 SEBASTOPOL RD

Date: **9/15/2017**
Permit Type:
Description:

Permit Description: **Building Revision**
Work Class:
Proposed Use:
Permit Number: BLD15-1339.R01
Status: Closed
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:	**3/23/2015**
Permit Type:	**CALT**
Description:	**TENANT IMPROVEMENTS - 3,185 SQ FT W/CHANGE OF USE FROM MARKET TO RESTAURANT WITH BILLIARDS** **TENANT IMPROVEMENTS - 3,185 SQ FT W/CHANGE OF USE FROM MARKET TO RESTAURANT WITH BILLIARDS**
Permit Description:	**Non-Residential - Addition/Remodel/HVAC**
Work Class:	Non-Res Additions/Alterations
Proposed Use:	
Permit Number:	BLD15-1339
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HERNANDEZ FRANK

Date:	**10/17/2013**
Permit Type:	
Description:	**MINOR ROOF REPAIR REPAIR AND REFRAME ROOF SUPPORT**
Permit Description:	
Work Class:	Non-Resid - Add'n/Remod/HVAC
Proposed Use:	
Permit Number:	BLD13-4912
Status:	ON HOLD
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	JORGE MONDRAGON

ADJOINING PROPERTY FINDINGS

Date:	**7/25/2013**
Permit Type:	**FIRE**
Description:	**ROSELAND (PRMD) REVIEW - BLD13-3315 - 700 SEBASTOPOL RD - TI - CHANGE OF USE**
Permit Description:	**FIRE PERMIT**
Work Class:	ROSELAND PERMIT
Proposed Use:	
Permit Number:	F13-0489
Status:	APPLIED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**7/22/2013**
Permit Type:	
Description:	**TENANT IMPROVEMENT: CHANGE OF OCCUPANCY RESTAURANT / BAR / BILLARDS ROOM - INCLUDES NEW STAIRS AND ASSESSIBILITY REQUIREMENTS**
Permit Description:	
Work Class:	Non-Resid - Add'n/Remod/HVAC
Proposed Use:	
Permit Number:	BLD13-3315
Status:	PC EXPD
Valuation:	$62,025.60
Contractor Company:	
Contractor Name:	HERNANDEZ FRANK

ADJOINING PROPERTY FINDINGS

Date:	**3/4/2013**
Permit Type:	**FIRE**
Description:	**PRMD PLANNING REFERRAL - 700 SEBASTOPOL RD (COUNTY #PLP13-0008) - TI TO INCLUDE RESTAURANT,BAR & BILLIARDS**
Permit Description:	**FIRE PERMIT**
Work Class:	OTHER MISCELLANEOUS
Proposed Use:	
Permit Number:	F13-0128
Status:	APPLIED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**2/26/2010**
Permit Type:	**B-BLD**
Description:	**TO COMPLETE BLD05-3559 TENENT IMPROVEMENT**
Permit Description:	**Building permit with plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD10-0665
Status:	REIN FEE
Valuation:	$16,000.00
Contractor Company:	
Contractor Name:	

Date:	**1/4/2007**
Permit Type:	**A-BLD**
Description:	**SB-547 COMM ELEC PANEL UPGRADE TO 200 AMPS**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD07-0069
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **9/30/2005**
Permit Type:
Description: **T.I. ADD HOOD AND BUILD NEW INTERIOR KITCHEN**

Permit Description:
Work Class:
Proposed Use:
Permit Number: BLD05-3559
Status: ISSUED
Valuation: $16,000.00
Contractor Company:
Contractor Name:

Date: **9/24/2002**
Permit Type: **B-BLD**
Description: **TENANT IMPROVEMENT:RETAIL STORE**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD02-4697
Status: FINALED
Valuation: $3,000.00
Contractor Company:
Contractor Name:

Date: **6/13/2002**
Permit Type: **A-BLD**
Description: **CHANGE OUT W HEATER & MOVE SINK**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD02-2801
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **10/12/2001**
Permit Type: **A-BLD**
Description: **UNDERGROUND CONVERSION**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-5032
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **4/19/2001**
Permit Type: **A-BLD**
Description: **INSTALL AIR CONDITIONER**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-1794
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **3/28/2001**
Permit Type: **A-BLD**
Description: **RELOCATE GAS LINE**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-1345
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

702 SEBASTOPOL RD

Date:	**7/25/2013**
Permit Type:	**FIRE**
Description:	**ROSELAND (PRMD) REVIEW - 702 SEBASTOPOL RD - (BLD13-3316) LEGALIZE CONVERSION OF OFFICE ON SECOND FLOOR TO CARETAKER UNIT**
Permit Description:	**FIRE PERMIT**
Work Class:	ROSELAND PERMIT
Proposed Use:	
Permit Number:	F13-0490
Status:	APPLIED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

722 SEBASTOPOL RD

Date:	**10/12/2001**
Permit Type:	**A-BLD**
Description:	**UNDERGROUND CONVERSION**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD01-5033
Status:	FINISHED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

760 SEBASTOPOL RD

Date:	**9/14/2011**
Permit Type:	**B-BLD**
Description:	**TI: CONV GAS STATION TO GENERAL STORE.**
Permit Description:	**Building permit with plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD11-2602
Status:	ISSUED
Valuation:	$8,010.20
Contractor Company:	
Contractor Name:	

Date:	**7/7/2011**
Permit Type:	**FIRE**
Description:	**PRMD/ROSELAND REVIEW- 760 SEBASTOPOL RD - TI-CONVERT GAS STATION TO GENERAL STORE**
Permit Description:	**FIRE PERMIT**
Work Class:	ROSELAND PERMIT
Proposed Use:	
Permit Number:	F11-0363
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **10/12/2001**
Permit Type: **A-BLD**
Description: **UNDERGROUND CONVERSION**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-5031
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/29/1999**
Permit Type: **A-BLD**
Description: **NEW ELEC METER**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD99-1490
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

761 SEBASTOPOL RD

Date: **9/30/2009**
Permit Type: **AB-DEM**
Description: **DEMO- SEPARATE LAUNDROMAT & CHURCH FROM BOWLING ALLEY- J# 3G096**

Permit Description: **Demolition Permit**
Work Class:
Proposed Use:
Permit Number: DEM09-0205
Status: PREFINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

765 SEBASTOPOL RD

Date:	**10/16/2014**
Permit Type:	**CDMO**
Description:	**DEMO (E) COMMERCIAL BUILDING (FORMER BOWLING ALLEY) BLDG C** **DEMO (E) COMMERCIAL BUILDING (FORMER BOWLING ALLEY) BLDG C**
Permit Description:	**Non-Residential - demolition**
Work Class:	
Proposed Use:	
Permit Number:	DEM14-0215
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JAKELA INC

Date:	**4/20/2005**
Permit Type:	
Description:	**REPLACE EXISTING SINGLE CHECK VALVE W DOUBLE CHECK VALVE**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD05-1961
Status:	CANCELED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

777 SEBASTOPOL RD

Date:	**4/14/2014**
Permit Type:	**FIRE**
Description:	**LIMITED USE PROPANE PERMIT-1ST USE CINCO DE MAYO FESTIVAL - MAY 05, 2014 FROM 11:00 AM TO 9:00 PM.**
Permit Description:	**FIRE PERMIT**
Work Class:	LIMITED PROPANE PERMIT
Proposed Use:	
Permit Number:	F14-0231
Status:	ISSUED, FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**3/25/2010**
Permit Type:	**B-BLD**
Description:	**DOLLAR TREE- T.I- FREEZERS & COOLERS**
Permit Description:	**Building permit with plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD10-0022
Status:	FINALED
Valuation:	$28,500.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **8/7/2008**
Permit Type: **B-BLD**
Description: **COMMERCIAL RPL EXTERIOR DOOR**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD08-3335
Status: FINALED
Valuation: $10,000.00
Contractor Company:
Contractor Name:

Date: **8/5/2002**
Permit Type: **B-BLD**
Description: **T.I. IN RETAIL STORE SPACE 17;384SQFT**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD02-0889
Status: FINALED
Valuation: $175,000.00
Contractor Company:
Contractor Name:

Date: **12/15/2000**
Permit Type: **B-BLD**
Description: **INSTALL STOREFRONT DOORS**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD00-4549
Status: FINALED
Valuation: $7,529.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **8/8/2000**
Permit Type:
Description:

Permit Description:
Work Class: Trade Permit Commercial (more than one trade - no
Proposed Use:
Permit Number: B00-0497
Status:
Valuation: $1,200.00
Contractor Company:
Contractor Name:

Date: **6/3/1999**
Permit Type:
Description:

Permit Description:
Work Class: Trade Permit Commercial (more than one trade - no
Proposed Use:
Permit Number: B99-0374
Status:
Valuation: $10,568.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

779 SEBASTOPOL RD

Date:	**9/2/2015**
Permit Type:	**CALT**
Description:	**TI TO SUPPORT IMPROVEMENTS REQUIRED TO USE "B" OCCUPANCY AS "A" OCCUPANCY. INCLUDES EGRESS AND ACCESSIBILITY IMPROVEMENTS 9/30/15 TEMP OCC RECV'D OK TO GRANT APPROVAL W/O SIGNATURES PER R SPAULDING**
Permit Description:	**Non-Residential - Addition/Remodel/HVAC**
Work Class:	Non-Res Additions/Alterations
Proposed Use:	
Permit Number:	BLD15-4464
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

816 SEBASTOPOL RD

Date:	**9/26/2002**
Permit Type:	**B-BLD**
Description:	**INSTALL WALK-IN REFER & ENCLOSURE @ E RESTAURANT KITCHEN & HANDSINK**
Permit Description:	**Building permit with plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD02-4838
Status:	FINALED
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

855 SEBASTOPOL RD

Date:	**9/18/2015**
Permit Type:	**CALT**
Description:	**BARRIER REMOVAL BATHROOM REMODEL (FOSTER FREEZE)**
Permit Description:	**Non-Residential - Addition/Remodel/HVAC**
Work Class:	Non-Res Additions/Alterations
Proposed Use:	
Permit Number:	BLD15-4826
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VALENTINE BUILDERS

Date:	**10/12/2001**
Permit Type:	**A-BLD**
Description:	**UNDERGROUND COVNERSION**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD01-5020
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

883 SEBASTOPOL RD

Date:	**2/8/2018**
Permit Type:	
Description:	**Repair permit: lighting, heater, plumbing, windows & entry door, AC paving. OTC Temp CUP approved by Patrick Streeter CUP18-018.**
Permit Description:	**Non-Residential Addition-Alteration**
Work Class:	
Proposed Use:	
Permit Number:	B18-0906
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**7/29/2014**
Permit Type:	**DEM**
Description:	**DEMO (E) SHED**
Permit Description:	**Demolition Permit**
Work Class:	Demolition Permit
Proposed Use:	
Permit Number:	DEM14-0135
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MUSCO EXCAVATORS INC

ADJOINING PROPERTY FINDINGS

Date: **10/11/2002**
Permit Type: **A-BLD**
Description: **RPL WATER MAIN**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD02-5200
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **10/12/2001**
Permit Type: **A-BLD**
Description: **UNDERGROUND CONVERSION**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-5021
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

897 SEBASTOPOL RD

Date: **7/27/2010**
Permit Type: **A-BLD**
Description: **RPLC BACKFLOW DEVICE**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD10-3009
Status: PREFINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

921 SEBASTOPOL RD

Date:	**6/10/2010**
Permit Type:	**B-BLD**
Description:	**TO COMPLETE BLD03-6697 CHANGE EXISTING SIGN, REPLACE EXISTING CANOPY WITH NEW CANOPY WITH DIFFERENT GRAPHICS ON EXISTING COMM SITE**
Permit Description:	**Building permit with plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD10-2241
Status:	ISSUED
Valuation:	$43,599.00
Contractor Company:	
Contractor Name:	

Date:	**6/3/2010**
Permit Type:	**WA-BLD**
Description:	**INSTALL NEW 3/4" REDUCED PRESSURE BACKFLOW DEVICE**
Permit Description:	**Online A-Bld permit**
Work Class:	
Proposed Use:	
Permit Number:	BLD10-2153
Status:	PREFINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **3/30/2009**
Permit Type: **B-BLD**
Description: **INSTALL EVR SYSTEM, REPL 4 PUMPS, CONV TANK TO DIESEL.**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD09-0544
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **10/27/2004**
Permit Type: **B-BLD**
Description: **COMMERCIAL PHOTOVOLTAICE TO STORE ROOF & PUMP CANOPY**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD04-6377
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **8/1/2003**
Permit Type: **A-BLD**
Description: **RECONNECT ELECTRICAL POWER TO REMEDIATION EQUIPMENT**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD03-4271
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **10/12/2001**
Permit Type: **A-BLD**
Description: **UNDERGROUND CONVERSION**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-5022
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

949 SEBASTOPOL RD

Date: **2/28/2013**
Permit Type:
Description: **RE-STRIPE ADA PARKING LOT.**

Permit Description:
Work Class: Non-Resid - Add'n/Remod/HVAC
Proposed Use:
Permit Number: BLD13-0853
Status: PREFINAL
Valuation: $0.00
Contractor Company:
Contractor Name: DGM LLC

Date: **11/1/2012**
Permit Type:
Description: **COMM REROOF OVERLAY METAL BLDG COOL ROOF 22SQRS**

Permit Description:
Work Class: Non-Resid - Add'n/Remod/HVAC
Proposed Use:
Permit Number: BLD12-4484
Status: PREFINAL
Valuation: $11,875.00
Contractor Company:
Contractor Name: CORNERSTONE ROOFING INC

ADJOINING PROPERTY FINDINGS

Date: **10/12/2001**
Permit Type: **A-BLD**
Description: **UNDERGROUND CONVERSION**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-5023
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **4/3/2001**
Permit Type: **A-BLD**
Description: **RELOCATE GAS LINE TO METER**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-1454
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

950 SEBASTOPOL RD

Date: **10/12/2001**
Permit Type: **A-BLD**
Description: **UNDERGROUND CONVERSION**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-5038
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

959 SEBASTOPOL RD

Date:	**10/27/2016**
Permit Type:	**Commercial**
Description:	**DEMO EXISTING CANOPY AT FUELING STATION**
Permit Description:	
Work Class:	DEMOLITION - 0 RESIDENTIAL UNITS
Proposed Use:	Non-Residential - Demolition
Permit Number:	DEM16-0357
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	GETTLER RYAN INC

962 SEBASTOPOL RD

Date:	**10/12/2001**
Permit Type:	**A-BLD**
Description:	**UNDERGROUND CONVERSION; FROM OVERHEAD ELEC. SERVICE**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD01-5039
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

977 SEBASTOPOL RD

Date:	**10/12/2001**
Permit Type:	**A-BLD**
Description:	**UNDERGROUND CONVERSION**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD01-5027
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

989 SEBASTOPOL RD

Date:	**7/8/1997**
Permit Type:	**A-BLD**
Description:	**ADD ON NEW AIR CONDITIONING**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	B-143343
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

990 SEBASTOPOL RD

Date: **9/7/2004**
Permit Type:
Description: **REPLACE 200 AMP PANEL / METER TO COMM BLD**

Permit Description:
Work Class:
Proposed Use:
Permit Number: BLD04-5251
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **10/12/2001**
Permit Type: **A-BLD**
Description: **UNDERGROUND CONVERSION**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-5041
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **4/3/2001**
Permit Type: **A-BLD**
Description: **RELOCATE GAS LINE TO METER**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD01-1455
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **8/25/1999**
Permit Type: **A-BLD**
Description: **INSTALL WATER HEATER**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD99-0901
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **5/25/1999**
Permit Type: **A-BLD**
Description: **GAS TEST ON EXISTING GAS LINE**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: B-154210
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

995 SEBASTOPOL RD

Date: **10/20/2011**
Permit Type: **A-BLD**
Description: **COM- T/O 17 SQS RE-ROOF B/U/ SELF CERT**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD11-4551
Status: FINALED
Valuation: $14,170.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **10/24/2007**
Permit Type: **A-BLD**
Description: **COMMERCIAL ILLUMINATED SIGN REPLACEMENT**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: BLD07-5365
Status: FINALED
Valuation: $2,300.00
Contractor Company:
Contractor Name:

Date: **10/11/2004**
Permit Type: **B-BLD**
Description: **INSTALL NEW 5 TON ROOFTOP HVAC UNIT**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: BLD04-3701
Status: FINALED
Valuation: $15,700.00
Contractor Company:
Contractor Name:

Date: **8/22/1995**
Permit Type: **B-BLD**
Description: **TENANT IMPROVEMENET**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: B-130836
Status: FINALED
Valuation: $20,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

W AVENUE BLD A

664 W AVENUE BLD A

Date:	**1/27/2010**
Permit Type:	
Description:	**REPLACE 2ND STORY DECKS.**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	MISC RESIDENTIAL WORK
Proposed Use:	
Permit Number:	B10-0206
Status:	
Valuation:	$4,335.00
Contractor Company:	
Contractor Name:	

W AVENUE BLD D

664 W AVENUE BLD D

Date:	**1/27/2010**
Permit Type:	
Description:	**REPLACE 2ND STORY DECKS.**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	MISC RESIDENTIAL WORK
Proposed Use:	
Permit Number:	B10-0206
Status:	
Valuation:	$4,335.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

WEST AVE

649 WEST AVE

Date:	**10/12/2001**
Permit Type:	**A-BLD**
Description:	**UNDERGROUND CONVERSION**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD01-5037
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**4/25/2001**
Permit Type:	**A-BLD**
Description:	**TEAR OFF/REROOF/CLASS A ONLY**
Permit Description:	**Simple Building permit; no plans**
Work Class:	
Proposed Use:	
Permit Number:	BLD01-1895
Status:	FINALED
Valuation:	$4,900.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **4/9/1996**
Permit Type: **A-BLD**
Description: **NEW ELECTRICAL PANEL**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: B-136279
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

658 WEST AVE

Date: **12/7/2001**
Permit Type:
Description: **UPGRADE AND INSTALL NEW ELEC. PANEL**

Permit Description:
Work Class: Trade Permit Commercial (more than one trade - no
Proposed Use:
Permit Number: 89319
Status:
Valuation: $400.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

662 WEST AVE

Date:	**6/25/2007**
Permit Type:	
Description:	**REPLACE EXISTING WITH 100 AMP ELECTRIC SERVICE PANEL.**
Permit Description:	**ELECTRICAL PERMIT**
Work Class:	RESIDENTIAL TRADE PERMIT
Proposed Use:	
Permit Number:	B07-2459
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**12/30/2003**
Permit Type:	
Description:	
Permit Description:	
Work Class:	Residential Trade Permit
Proposed Use:	
Permit Number:	B03-3524
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

664 WEST AVE

Date:	**1/27/2010**
Permit Type:	
Description:	**REPLACE 2ND STORY DECKS.**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	MISC RESIDENTIAL WORK
Proposed Use:	
Permit Number:	B10-0205
Status:	
Valuation:	$2,890.00
Contractor Company:	
Contractor Name:	

Date:	**1/27/2010**
Permit Type:	
Description:	**REPLACE 2ND STORY DECKS.**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	MISC RESIDENTIAL WORK
Proposed Use:	
Permit Number:	B10-0207
Status:	
Valuation:	$5,780.00
Contractor Company:	
Contractor Name:	

Date:	**11/5/1997**
Permit Type:	
Description:	**REPAIR GAS LINE**
Permit Description:	
Work Class:	Trade Permit Commercial (more than one trade - no
Proposed Use:	
Permit Number:	73036
Status:	
Valuation:	$500.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

669 WEST AVE

Date:	**10/13/2016**
Permit Type:	
Description:	**Remodel kitchen and bathroom. Convert existing bedroom into laundry room.**
Permit Description:	**Residential Addition-Alteration**
Work Class:	
Proposed Use:	
Permit Number:	B16-4352
Status:	Issued
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	

Date:	**6/24/2008**
Permit Type:	
Description:	**RESTORE TO SINGLE FAMILY DWELLING & LEGALIZE ADDITION**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	ADDITION/ALTERATION TO SINGLE FAMILY DWELLING
Proposed Use:	
Permit Number:	B08-1866
Status:	
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	

Date:	**6/20/2008**
Permit Type:	
Description:	**NEW 132 SF ONE CAR DETACHED GARAGE**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	DETACHED ACCESSORY STRUCTURE
Proposed Use:	
Permit Number:	B08-1800
Status:	
Valuation:	$3,637.92
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

675 WEST AVE

Date:	**3/14/2008**
Permit Type:	
Description:	**TEAR OFF EXISTING 2 LAYERS OF ROOFING AND APPLY NEW 3/4" PLY OR 5/8" PLY WITH 2 LAYERS OF FELT IF SLOPE LESS THAN 4:12 AND NEW ASPHALT SHINGLES**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	RESIDENTIAL REROOF
Proposed Use:	
Permit Number:	B08-0664
Status:	
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	

683 WEST AVE

Date:	**7/12/2007**
Permit Type:	
Description:	**REMODEL & ADDITION TO EXISTING SFD EXISTING 820 SQ FT, 399 SQ FT ADDITION**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	ADDITION/ALTERATION TO SINGLE FAMILY DWELLING
Proposed Use:	
Permit Number:	B07-2104
Status:	
Valuation:	$85,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**5/30/2007**
Permit Type:	
Description:	**NEW 1 CAR GARAGE- 280 SF FT**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	DETACHED ACCESSORY STRUCTURE
Proposed Use:	
Permit Number:	B07-2105
Status:	
Valuation:	$15,500.00
Contractor Company:	
Contractor Name:	

715 WEST AVE

Date:	**11/26/2013**
Permit Type:	
Description:	**DEMOLITION PERMIT TO RETURN FRONT PORCH TO ORGINAL USE. REMOVE (2ND) KITCHEN IMPROVEMENTS MADE TO CREATE ADDITIONAL UNIT. BATHROOM REMODEL. CLOSE OFF NEW ENTRY WAY DOOR. SIDING REPAIRS AS NEEDED.**
Permit Description:	**Residential Addition-Alteration**
Work Class:	
Proposed Use:	
Permit Number:	B13-4799
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**11/6/2013**
Permit Type:	
Description:	**TEAR OFF, REROOF SFD WITH OSB SHEATING AND NEW LIFETIME DIMENSIONAL COMP 27 SQUARE.**
Permit Description:	**Residential Addition-Alteration**
Work Class:	
Proposed Use:	
Permit Number:	B13-4533
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**6/14/2010**
Permit Type:	
Description:	**REPLACE FURNACE 95%.**
Permit Description:	**MECHANICAL PERMIT**
Work Class:	RESIDENTIAL
Proposed Use:	
Permit Number:	B10-1680
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

724 WEST AVE

Date:	**11/18/2013**
Permit Type:	
Description:	**INSTALLATION OF NEW SECOND BATHROOM.**
Permit Description:	**Residential Addition-Alteration**
Work Class:	
Proposed Use:	
Permit Number:	B13-4674
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**11/7/2013**
Permit Type:	
Description:	**DEMO ONLY PORTION OF INTERIOR FOR MOLD REMEDIATION.**
Permit Description:	**Residential Demolition**
Work Class:	
Proposed Use:	
Permit Number:	B13-4543
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**1/11/2000**
Permit Type:	
Description:	**WATER SERVICE FROM METER TO SFD**
Permit Description:	
Work Class:	Trade Permit Commercial (more than one trade - no
Proposed Use:	
Permit Number:	81076
Status:	
Valuation:	$4,830.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

743 WEST AVE

Date:	**2/10/2016**
Permit Type:	
Description:	**Reroof. Comp shingle overlay.**
Permit Description:	**Residential Addition-Alteration**
Work Class:	
Proposed Use:	
Permit Number:	B16-0508
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**3/20/2014**
Permit Type:	
Description:	**MOVE GAS METER 10 FEET.**
Permit Description:	**Residential Plumbing**
Work Class:	
Proposed Use:	
Permit Number:	B14-0993
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

752 WEST AVE

Date:	**2/17/2015**
Permit Type:	
Description:	**RE-ROOF FRONT SFD 900 SQ - 9SQS**
Permit Description:	**Residential Addition-Alteration**
Work Class:	
Proposed Use:	
Permit Number:	B15-0638
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

766 WEST AVE

Date:	**10/31/2018**
Permit Type:	
Description:	**Demo detached greenhouse at left rear of property per Mike Reynolds. CE18-0818.**
Permit Description:	**Residential Addition-Alteration**
Work Class:	
Proposed Use:	
Permit Number:	B18-7800
Status:	Issued
Valuation:	$500.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **12/12/2016**
Permit Type:
Description: **Install new backflow device.**

Permit Description: **Residential Plumbing**
Work Class:
Proposed Use:
Permit Number: B16-5292
Status: Finaled
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **2/5/2015**
Permit Type:
Description: **Addition of 773 SF master bedroom, bath, and family room addition.**

Permit Description: **Residential Addition-Alteration**
Work Class:
Proposed Use:
Permit Number: B15-0483
Status: Issued
Valuation: $81,118.62
Contractor Company:
Contractor Name:

Date: **1/7/2014**
Permit Type:
Description: **REPLACE 100 AMP MAIN SERVICE WITH NEW.**

Permit Description: **Residential Electrical**
Work Class:
Proposed Use:
Permit Number: B14-0062
Status: Issued
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:	**5/26/2011**
Permit Type:	**B_COMBO**
Description:	**INTERIOR REPAIR TO STORAGE SHED. WORK INCLUDES ELEC, PLUMBING, NEW WINDOWS, SHEETROCK AND DRY ROT REPAIRS. SEE CE11-0073 - MARK MAYSTROVICH.**
Permit Description:	**BUILDING COMBINATION PERMIT**
Work Class:	MISC RESIDENTIAL WORK
Proposed Use:	
Permit Number:	B11-1620
Status:	FINALED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**8/11/2006**
Permit Type:	
Description:	**TEAR OFF ONE LAYER COMP AND REROOF COMP**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	RESIDENTIAL REROOF
Proposed Use:	
Permit Number:	B06-3568
Status:	
Valuation:	$3,500.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

785 WEST AVE

Date: **7/14/2003**
Permit Type:
Description:

Permit Description:
Work Class: Addition/Alteration to Single Family Dwelling
Proposed Use:
Permit Number: B03-0590
Status:
Valuation: $35,000.00
Contractor Company:
Contractor Name:

Date: **1/27/2000**
Permit Type:
Description: **REPAIR AWNING OVER PORCH**

Permit Description:
Work Class: Addition/Alteration to Single Family Dwelling Addi
Proposed Use:
Permit Number: 81190
Status:
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **1/27/2000**
Permit Type:
Description: **CARPORT ADDITION TO GARAGE**

Permit Description:
Work Class: Addition/Alteration to Single Family Dwelling
Proposed Use:
Permit Number: 81189
Status:
Valuation: $1,800.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **10/7/1996**
Permit Type: **B-BLD**
Description: **NEW SHED**

Permit Description: **Building permit with plans**
Work Class:
Proposed Use:
Permit Number: B-138886
Status: FINALED
Valuation: $6,040.32
Contractor Company:
Contractor Name:

Date: **8/1/1995**
Permit Type: **A-BLD**
Description: **REROOF**

Permit Description: **Simple Building permit; no plans**
Work Class:
Proposed Use:
Permit Number: B-131136
Status: FINALED
Valuation: $3,900.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

WEST AVE # B

686 WEST AVE # B

Date:	**8/7/2002**
Permit Type:	
Description:	**REROOF**
Permit Description:	
Work Class:	Addition/Alteration to Single Family Dwelling Addi
Proposed Use:	
Permit Number:	92076
Status:	
Valuation:	$7,000.00
Contractor Company:	
Contractor Name:	

WEST AVE BLD B

664 WEST AVE BLD B

Date:	**1/27/2010**
Permit Type:	
Description:	**REPLACE 2ND STORY DECKS.**
Permit Description:	**COMBO BUILDING PERMIT**
Work Class:	MISC RESIDENTIAL WORK
Proposed Use:	
Permit Number:	B10-0206
Status:	
Valuation:	$4,335.00
Contractor Company:	
Contractor Name:	

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

Boys and Girls Club Sonoma-Marin
801 Sebastopol Road
Santa Rosa, CA 95407

Inquiry Number: 5775903.6
September 03, 2019

The EDR Property Tax Map Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

NO COVERAGE

Thank you for your business.
Please contact EDR at 1-800-352-0050
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APPENDIX B
EXCERPTS FROM GEOTRACKER FILES

ROSELAND CLEANERS

Site Assessment Report and Conceptual Site Model

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California 95407

North Coast Regional Water Quality Control Board Case No# 1NSR403

Prepared for:

Sonoma County Community Development Commission

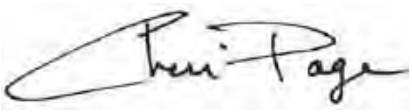
1440 Guerneville Road
Santa Rosa, CA 95403

October 31, 2017

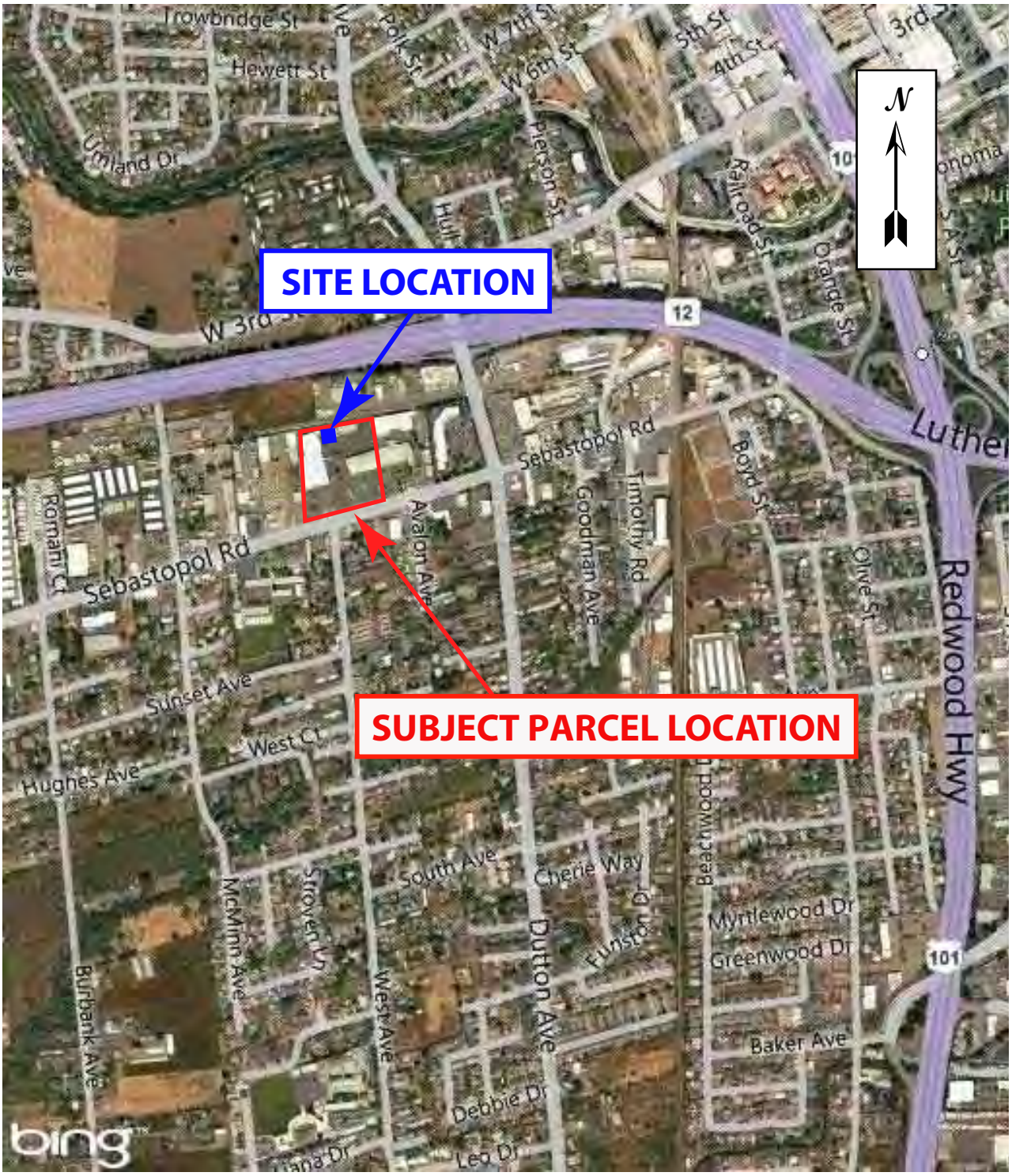
Prepared by:

Harris & Lee Environmental Sciences, LLC

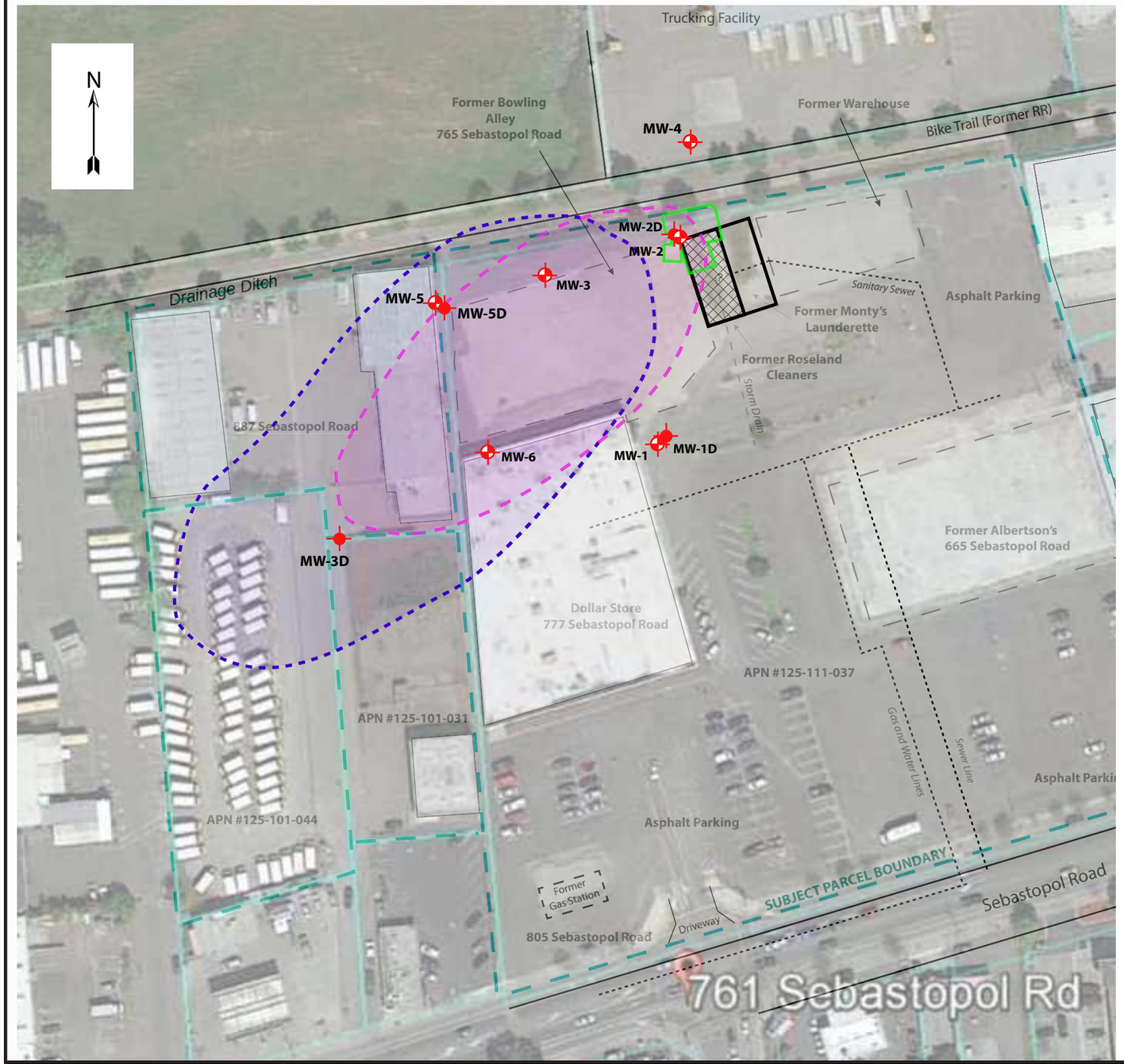
120 Ross Valley Drive
San Rafael, CA 94901



Cheri Page, Senior Geologist, P.G. # 5288



Harris & Lee Environmental Sciences, LLC	**SITE LOCATION MAP** Former Roseland Cleaners 761 Sebastopol Road Santa Rosa, California	**FIGURE 1** **OCTOBER 2017**



LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- PARCEL BOUNDARY (APPROXIMATE)
- MW-1 — SHALLOW ZONE MONITORING WELL (INSTALLED 2003, 2005, and 2011)
- MW-1D — DEEP ZONE MONITORING WELL (INSTALLED 2005, 2011, and 2017)
- APPROXIMATE EXTENT OF 2009 AND 2015 SOIL EXCAVATIONS
- APPROXIMATE EXTENT OF PCE (ABOVE LABORATORY REPORTING LIMIT OF 1.0 MICROGRAM PER LITER [µG/L]) IN SHALLOW ZONE GROUNDWATER
- APPROXIMATE EXTENT OF PCE (ABOVE LABORATORY REPORTING LIMIT OF 1.0 µG/L) IN DEEP ZONE GROUNDWATER

Notes:
1. Shallow zone defined as materials between 5 and 25 feet below ground surface (bgs).
2. Deep zone defined as materials between 25 and 70 feet bgs.

0 100

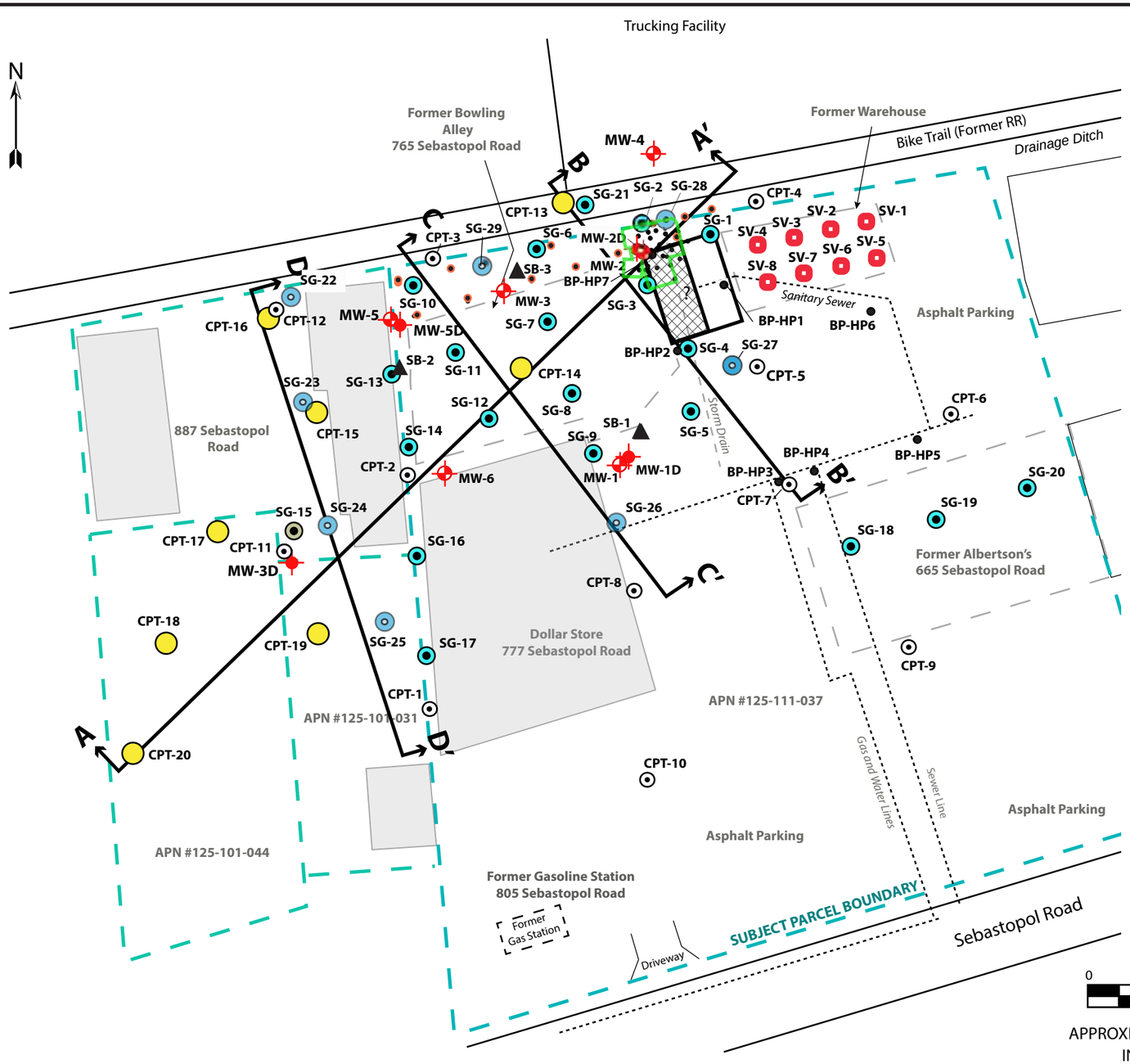
APPROXIMATE SCALE IN FEET

Harris & Lee
Environmental Sciences, LLC

SITE MAP
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 2

OCTOBER 2017



LEGEND

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- MW-1 — SHALLOW ZONE MONITORING WELL (INSTALLED 2003, 2005, and 2011)
- MW-1D — DEEP ZONE MONITORING WELL (INSTALLED 2005, 2011, and 2017)
- APPROXIMATE EXTENT OF 2009 AND 2015 EXCAVATIONS
- CPT-1 — CONE PENETROMETER TESTING (CPT) LOCATION (JANUARY 2011)
- CPT-16 — CPT/GRAB-GROUNDWATER SAMPLING LOCATION (JULY 2017)
- BP-HP1 — SHALLOW SOIL BORING (2002)
- SB-1 — DEEPER SOIL BORING (DECEMBER 2008)
- GEOPROBE SOIL SAMPLING LOCATION (2012)
- SV-1 — SOIL GAS SAMPLING LOCATION (OCTOBER 2015)
- SG-1 — SOIL GAS SAMPLING LOCATION (AUGUST 2016)
- SG-15 — INACCESSIBLE SOIL GAS SAMPLING LOCATION (AUGUST 2016)
- SG-22 — SOIL GAS SAMPLING LOCATION (JULY 2017)
- A — A' GEOLOGIC CROSS-SECTION TRANSECT

Notes:
1. See Appendix A for additional soil samples collected during remedial excavation.
2. Shallow zone defined as materials between 5 and 25 feet below ground surface (bgs).
3. Deep zone defined as materials between 25 and 70 feet bgs.

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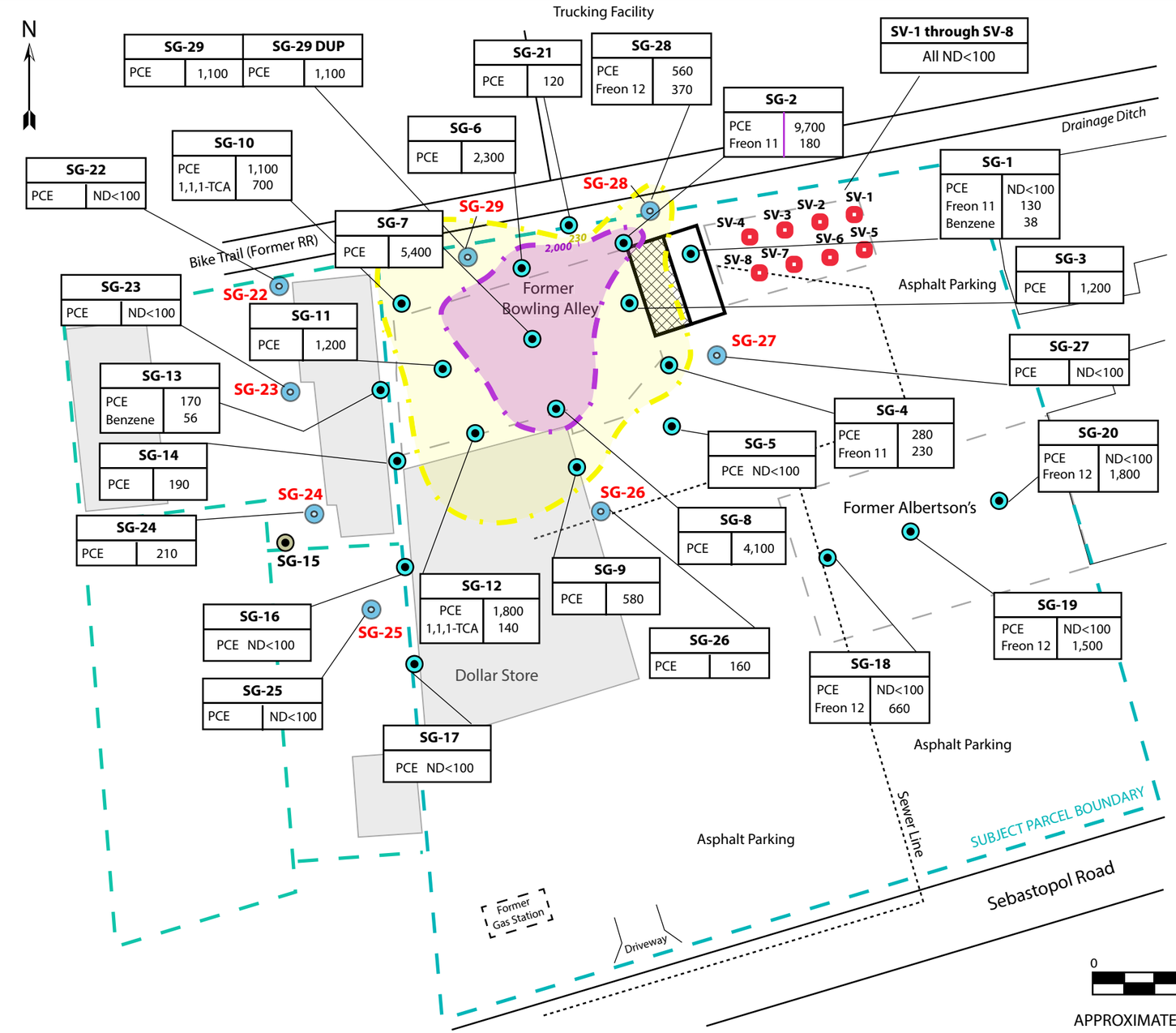
SUMMARY OF SAMPLING LOCATIONS

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 3

OCTOBER 2017



Sources: HLENV; Soil Gas and Limited Shallow Soil Sampling Report, August 19, 2016.
HLENV; Ambient Air and Soil Vapor Sampling (report), November 3, 2015

LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- PARCEL BOUNDARY
- SV-1 — SOIL GAS SAMPLING LOCATION (OCTOBER 2015)
- SG-1 — SOIL GAS SAMPLING LOCATION (DETECTED CHEMICAL CONCENTRATIONS IN MICROGRAMS PER CUBIC METER [µg/M³]) (AUGUST 2016)
- SG-15 — INACCESSIBLE SOIL GAS SAMPLING LOCATION (AUGUST 2016)
- SG-25 — SOIL GAS SAMPLING LOCATION (DETECTED CHEMICAL CONCENTRATIONS IN µg/M³) (JULY 2017)
- APPROXIMATE EXTENT OF PCE IN SOIL GAS EXCEEDING RESIDENTIAL CALIFORNIA HUMAN HEALTH SCREENING LEVEL (DTSC SL) OF 230 µg/M³
- APPROXIMATE EXTENT OF PCE IN SOIL GAS EXCEEDING COMMERCIAL CALIFORNIA HUMAN HEALTH SCREENING LEVEL (DTSC SL) OF 2,000 µg/M³

NOTES:
1. PCE = Tetrachloroethene.
2. 1,1,1-TCA = 1,1,1-Trichloroethane.
3. Freon 11 = Dichlorofluoromethane.
4. Freon 12 = Dichlorodifluoroethane.
5. Samples collected on August 2 and 3, 2016 and July 21, 2017 analyzed by a mobile analytical laboratory using EPA Method 8260B.
6. California Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office (HERO), HERO Human Health Risk Assessment (HHRA) Note Number 7, Current Resident and Commercial Soil Gas Screening Levels, October 17, 2016.
7. ND = Chemical not detected at or above reporting limit shown.
8. Additional soil gas samples were collected in 2011 from borings CPT-1, -2, 3, -4, -7, -8, -9, -10, and -11 at a depth of approximately 6 feet bgs (see Figure 3 for locations). PCE was not detected in these samples (HLENV, 2011a).

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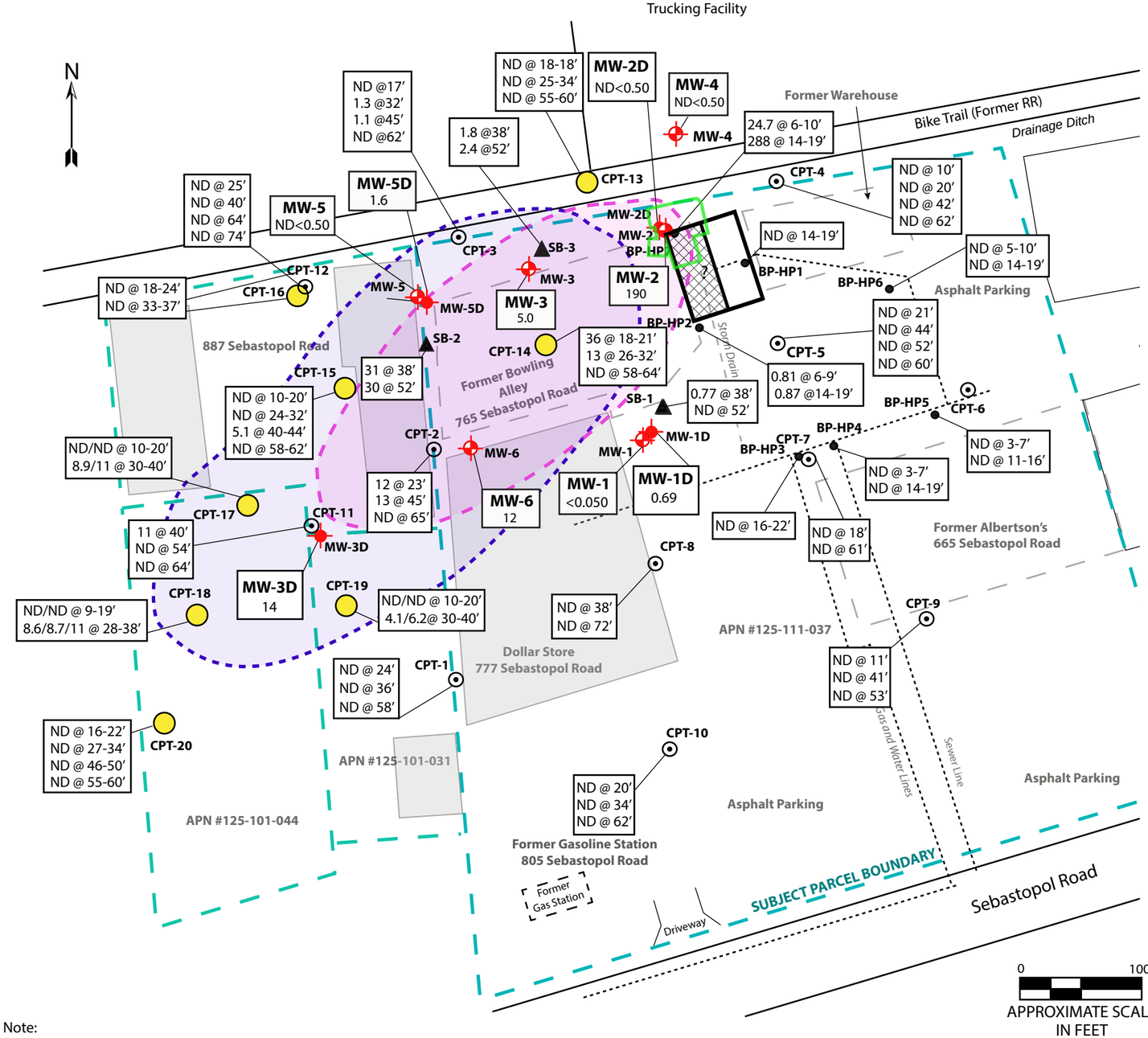
SOIL GAS SAMPLING RESULTS AUGUST 2016 AND JULY 2017

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 4

OCTOBER 2017



LEGEND

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- PARCEL BOUNDARY (APPROXIMATE)
- MW-1 — SHALLOW ZONE MONITORING WELL (INSTALLED 2003, 2005, and 2011)
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- APPROXIMATE EXTENT OF 2009 AND 2015 SOIL EXCAVATIONS
- CPT-1 — CONE PENETROMETER TESTING (CPT) LOCATION (JANUARY 2011)
- CPT-16 — CPT/GRAB-GROUNDWATER SAMPLING LOCATION (JULY 2017)
- DEEPER SOIL BORING (DECEMBER 2008)
- INITIAL SOIL BORING (JANUARY 2002)
- 11 @ 40′ / ND @ 54′ / ND @ 64′ — SUMMARY OF GRAB-GROUNDWATER ANALYTICAL RESULTS FOR TETRACHLOROETHENE (PCE) IN GROUNDWATER, WITH SAMPLING DEPTH PRESENTED. UNITS ARE IN MICROGRAMS PER LITER (µg/L). ND = NOT DETECTED AT OR ABOVE REPORTING LIMIT OF 0.50 µg/L IN 2002, 2008, AND 2017; AND 1.0 µg/L IN 2011.
- MW-2D / ND<1.0 — GROUNDWATER MONITORING WELL ANALYTICAL RESULTS FOR PCE (JULY 2017). UNITS ARE IN µg/L. ND = NOT DETECTED AT OR ABOVE REPORTING LIMIT OF 0.50 µg/L.
- APPROXIMATE EXTENT OF PCE (ABOVE 1.0 µg/L) IN SHALLOW ZONE GROUNDWATER
- APPROXIMATE EXTENT OF PCE (ABOVE 1.0 µg/L) IN DEEP ZONE GROUNDWATER

Notes:
1. Shallow zone defined as materials between 5 and 25 feet below ground surface (bgs).
2. Deep zone defined as materials between 25 and 70 feet bgs.

Note:
1. Volatile organic compounds (VOCs) analyzed using U.S. EPA Test Method 8260B.

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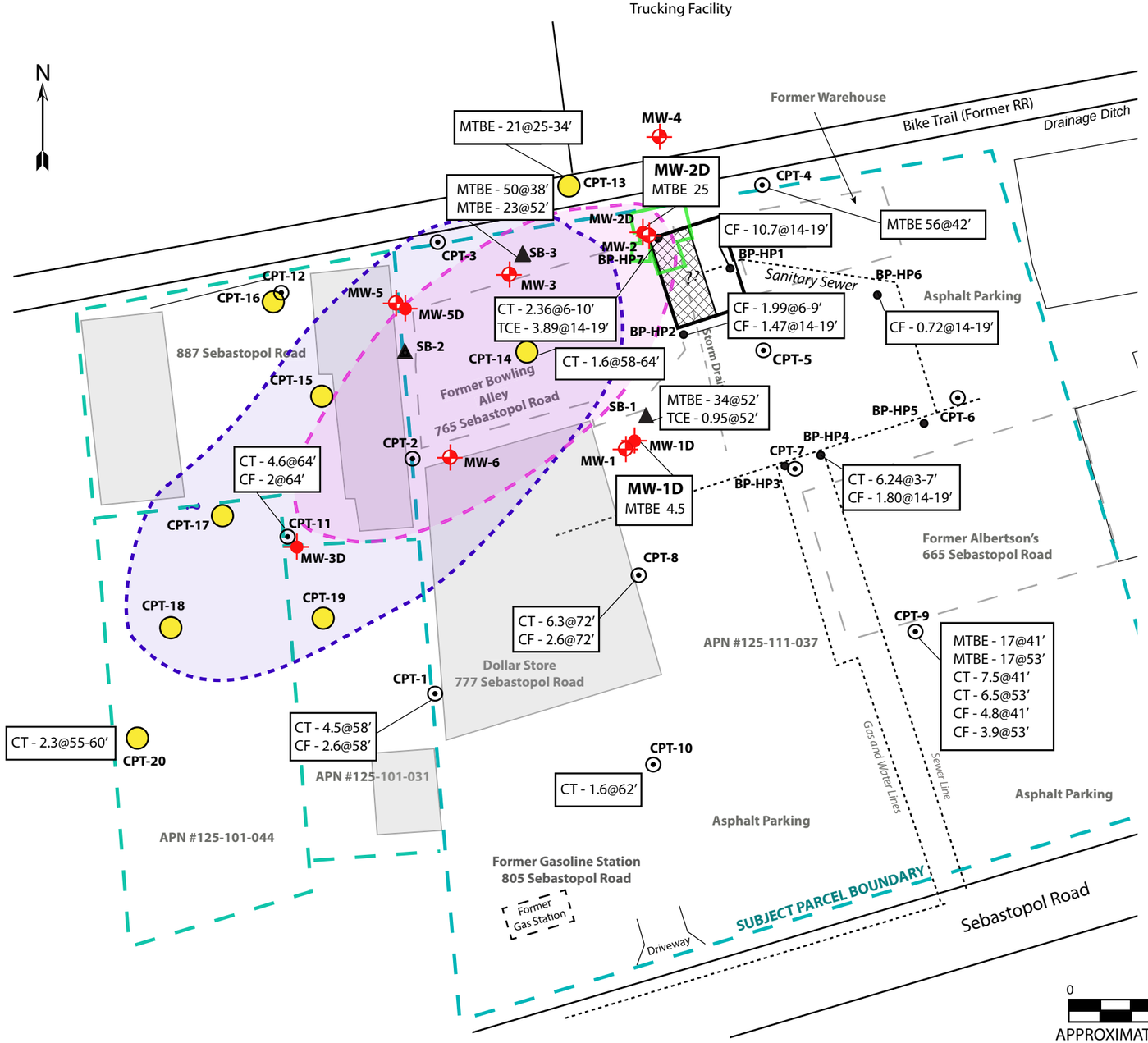
GROUNDWATER SAMPLE ANALYTICAL RESULTS FOR TETRACHLOROETHENE

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 5

OCTOBER 2017



LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- PARCEL BOUNDARY (APPROXIMATE)
- MW-1 — SHALLOW ZONE MONITORING WELL (INSTALLED 2003, 2005, and 2011)
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- APPROXIMATE EXTENT OF 2009 AND 2015 SOIL EXCAVATIONS
- CPT-1 — CONE PENETROMETER TESTING (CPT) LOCATION (JANUARY 2011)
- CPT-16 — CPT/GRAB-GROUNDWATER SAMPLING LOCATION (JULY 2017)
- DEEPER SOIL BORING (DECEMBER 2008)
- INITIAL SOIL BORING (JANUARY 2001)
- CT - 6.3@72' — SUMMARY OF CPT GROUNDWATER ANALYTICAL RESULTS FOR CHEMICALS OTHER THAN PCE DETECTED ABOVE WQO. SAMPLING DEPTH PRESENTED IN FEET. UNITS ARE IN MICROGRAMS PER LITER (µg/L). ND = NOT DETECTED AT OR ABOVE REPORTING LIMIT OF 0.50 µg/L IN 2002, 2008, AND 2017; AND 1.0 µg/L IN 2011.
- MW-2D / MTBE 25 — GROUNDWATER MONITORING WELL ANALYTICAL RESULTS FOR CHEMICALS OTHER THAN PCE DETECTED ABOVE WQO IN JULY 2017. UNITS ARE IN µg/L. ND = NOT DETECTED AT OR ABOVE REPORTING LIMIT OF 0.5 µg/L.
- APPROXIMATE EXTENT OF PCE (ABOVE LABORATORY REPORTING LIMIT OF 1.0 µg/L IN SHALLOW ZONE GROUNDWATER
- APPROXIMATE EXTENT OF PCE (ABOVE LABORATORY REPORTING LIMIT OF 1.0 µg/L) IN DEEP ZONE GROUNDWATER

Notes:
1. Volatile organic compounds (VOCs) analyzed using U.S. EPA Test Method 8260B.
2. Shallow zone defined as materials between 5 and 25 feet below ground surface (bgs).
3. Deep zone defined as materials between 25 and 70 feet bgs.

PCE = Tetrachloroethene
TCE = Trichloroethene
MTBE = Methyl Tert-Butyl Ether
CT = Carbon Tetrachloride
CF = Chloroform
WQO = North Coast Regional Water Quality Control Board Water Quality Objectives

Harris & Lee
Environmental Sciences, LLC

GROUNDWATER SAMPLE ANALYTICAL RESULTS FOR OTHER CHEMICALS DETECTED ABOVE WQO

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 6

OCTOBER 2017

Site Assessment Report and Conceptual Site Model

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California 95407

North Coast Regional Water Quality Control Board Case No# 1NSR403

Prepared for:

Sonoma County Community Development Commission

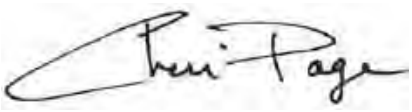
1440 Guerneville Road
Santa Rosa, CA 95403

October 31, 2017

Prepared by:

Harris & Lee Environmental Sciences, LLC

120 Ross Valley Drive
San Rafael, CA 94901



Cheri Page, Senior Geologist, P.G. # 5288

Contents

EXECUTIVE SUMMARY 6

1.0 INTRODUCTION 10

1.1 Regulatory Agency Background and Site Development 10

2.0 BACKGROUND 11

2.1 Subject Parcel Description 11

2.2 Site Description 11

2.3 Site Investigations and Regulatory Oversight 12

3.0 IDENTIFICATION OF APPLICABLE SCREENING lEVELS 13

3.1 California Department of Toxic Substances Control 14

3.2 North Coast Regional Water Quality Control Board 14

3.3 Regional Water Quality Control Board – San Francisco Region 14

3.4 California Maximum Contaminant Limits 15

4.0 ADDITIONAL INVESTIGATION FIELDWORK- FEBRUARY THROUGH JULY 2017 15

4.1 Data Gaps 15

4.2 Objectives 15

4.3 Field Activities 16

4.3.1 Pre-Field Activities 16
4.3.2 Soil Gas Sampling – July 2017 17
4.3.3 Grab-Groundwater Sampling - July 2017 18
4.3.4 Installation of Well MW-5D, February 2017 19
4.3.5 Groundwater Monitoring Event, July 2017 20

4.4 Laboratory Analyses and Quality Control – July 2017 21

4.4.1 Analytical Methods 21
4.4.2 Quality Assurance/Quality Control Samples 21

4.5 Investigation-Derived Waste Disposal 22
4.5.1 Well MW-5D Installation, February 2017 22
4.5.2 CPT Drilling and Quarterly Monitoring Event, July 2017 22
5.0 CONCEPTUAL SITE MODEL AND RESULTS OF ADDITIONAL INVESTIGATION 23
5.1 Topography and Surface Water Bodies 23
5.2 Geology 23
5.3 Hydrogeology 23
5.4 Summary of Analytical Results 25
5.4.1 Soil Gas 25
5.4.2 Grab-Groundwater 26
5.4.3 Groundwater Monitoring Event Results – July 2017 28
5.5 Constituents of Concern in Site Media 29
5.6 Exposure Pathways 30
5.6.1 Soil Exposure Pathway 30
5.6.2 Soil Vapor Exposure Pathway 30
5.6.3 Groundwater Exposure Pathway 31
6.0 RESOLUTION OF DATA GAPS AND RECOMMENDATIONS 31
6.1 Data Gap Resolutions 31
6.2 Recommendations 32
7.0 LIMITATIONS 33
8.0 REFERENCES 34

FIGURES:

Figure 1 Site Location Map
Figure 2 Site Map
Figure 3 Summary of Sampling Locations
Figure 4 Soil Gas Sampling Results, August 2016 and July 2017

Figure 5 Groundwater Sample Analytical Results for Tetrachloroethylene
Figure 6 Groundwater Sample Analytical Results for Other Chemicals Detected Above WQO
Figure 7a Geologic Cross Section Legend
Figure 7 Geologic Cross-Section A-A'
Figure 8 Geologic Cross-Section B-B'
Figure 9 Geologic Cross-Section C-C'
Figure 10 Geologic Cross-Section D-D'
Figure 11 Shallow Groundwater Gradient Map, July 21, 2017
Figure 12 Deep Groundwater Gradient Map, July 21, 2017
Figure 13 Conceptual Site Model Chart

TABLES:

Table 1 Summary of Chemicals Detected in Soil Gas Samples (2015- 2017)
Table 2 Summary of Chemicals Detected in Grab-Groundwater Samples
Table 3 Summary of Shallow Groundwater Monitoring Well Results
Table 4 Summary of Deep Groundwater Monitoring Well Results
Table 5 Monitoring Well Construction Details
Table 6 Vertical Gradients in Monitoring Well Pairs

APPENDICES:

Appendix A Historical Groundwater and Soil Sample Results
Figure A-1 Historical Concentration Trend for PCE in Well MW-2
Figure A-2 Historical Concentration Trend for PCE in Well MW-6
Figure A-3 Soil Sample Results for Tetrachloroethene in Selected Borings
Figure A-4 Soil Sample Locations for PCE Excavation -August and September 2015
Figure A-5 Shallow Soil Sample Locations and Analytical Results, August 2016
Table A-1 Summary of Chemicals Detected in Soil Samples from Borings
Table A-2 Summary of Chemicals Detected in Excavation Soil Samples
Appendix B North Coast Regional Water Quality Control Board, Water Quality Objectives
Appendix C Drilling Permits
Appendix D Field Records, June 2017

Appendix E Monitoring Well Survey, March 2017
Appendix F Laboratory Analytical Reports
Appendix G Waste Disposal Documentation
Appendix H CPT and Monitoring Well Boring Logs

EXECUTIVE SUMMARY

This Executive Summary of the *Site Assessment Report and Conceptual Site Model* for the former Roseland Dry Cleaner at 761 Sebastopol Road in Santa Rosa, California ("Site") (Figures 1, 2, and 3) has been prepared by Harris & Lee Environmental Sciences, LLC (HLENV) on behalf of the Sonoma County Community Development Commission (SCCDC). The California North Coast Regional Water Quality Control Board (NC-RWQCB) required this additional site investigation and Conceptual Site Model (CSM) in their *Path Forward to Redevelopment* letter (NC-RWQCB, 2016). The work was completed in accordance with HLENV's *Work Plan for Additional Investigation; CPT Groundwater and Soil Gas Sampling* (Work Plan; HLENV, 2016e), which was approved by the NC-RWQCB in their letter dated March 3, 2017 (NC-RWQCB, 2017).

This Executive Summary has been provided for the convenience of the reader. The basis of the findings and conclusions are presented in the body of the report. Consequently, this Executive Summary is issued with the understanding that the report is to be used only in its entirety.

Previous Site Investigations and Hydrogeology

Investigations have been conducted at the former Roseland Dry Cleaner Site since 2002. Soil, soil gas and grab-groundwater samples have been collected and analyzed in multiple investigations, and groundwater monitoring has been conducted since 2003 (Figure 3). The current monitoring well network includes ten wells: six shallow zone wells and four (upper) deep zone wells.

Two non-distinct zones of groundwater-bearing materials (i.e., gravel, sand, and sand/silt mixtures) have been roughly defined within approximately 70 feet bgs. The first zone (i.e., the "shallow zone") is encountered at depths of approximately 5 to 25 feet bgs. The second coarse-grained zone ("deep zone") occurs at depths between approximately 25 and 70 feet bgs (the maximum depth of investigation at the Site). This zone consists of an "upper deep zone" (approximately 25 to 50 feet bgs), and a "lower deep zone" (approximately 50 to 70 feet bgs). The upper deep zone appears to be mostly laterally continuous across the Site, and the lower deep zone is not laterally continuous. The shallow and deep groundwater zones are illustrated on the geologic cross-sections and defined in the main text.[1]

[1] The cross-sections are provided as Figures 7 through 10.

Groundwater appears to occur mostly under water table conditions. The shallow and deep zones are typically separated by clay and silty clay materials of varying thickness (less than one foot to 12 feet); however, in some locations the shallow and deep zones may be interconnected. Groundwater elevations in both the shallow and upper deep zones are highly affected by seasonal precipitation. Depth-to-groundwater measurements in the monitoring wells range from between approximately 5 and 15 feet bgs in both the shallow and deep monitoring wells. The groundwater flow direction in the shallow zone typically ranges from westerly to southwesterly, and the groundwater flow direction in the upper deep zone is currently to the southwest.

Constituents of Concern

Spills or leaks at the former Roseland Dry Cleaner were a source of tetrachloroethene (PCE) to soil, soil gas, and groundwater beneath the Subject Parcel. PCE is the only constituent of concern (COC) in groundwater and soil gas.

PCE is also present in soil; however, it is not defined as a COC in soil because sample results indicate it is present only at low concentrations below the residential Department of Toxic Substances Control Screening Level (DTSC-SL). The bulk of the PCE mass in soil was removed by excavation in 2009 and 2015 (see Section 5.5 and Appendix A). The NC-RWQCB has stated that no further soil remediation is recommended (NC-RWQCB, 2016a) and the remaining concentrations of PCE in shallow soils near the former dry cleaner do not present a direct contact risk to human health (NC-RWQCB, 2016b).

TCE and chloroform have been detected in groundwater intermittently and appear to be associated with the historical dry cleaner; however, they have not been reported above their Water Quality Objectives (WQOs) since 2012 and 2011, respectively. The presence of methyl tertiary-butyl ether (MTBE) and carbon tetrachloride in groundwater are not attributed to historical Site operations, and have not been reported in soil gas samples. Therefore, these chemicals are not considered COCs for the Site.

Extent of PCE in Soil Gas

The extent of PCE in soil gas has been well-defined, as illustrated on Figure 4. PCE is present in soil gas above residential screening levels within about 250 feet west and southwest of the former dry cleaner, and is present above commercial screening levels within about 150 feet southwest of the former dry cleaner.

The distribution of PCE in soil gas is similar to its distribution in shallow groundwater (Figures 4 and 5). The maximum concentration of PCE in soil gas is located directly downgradient of the former dry cleaner (SG-7, with 5,400 micrograms per cubic meter [µg/m3] or 5.4 µg/L of PCE), and is lower than groundwater concentrations both upgradient (MW-2 with 190 µg/L) and downgradient (MW-6 with 12 µg/L) of this location. Shallow groundwater is the likely source of

PCE in soil gas, as the soil is saturated seasonally and groundwater fluctuates between about 5 and 15 feet bgs.

Extent of PCE In Groundwater

PCE has migrated to groundwater southwest of the former dry cleaner in both the shallow zone and the upper deep zone (to about 50 feet below ground surface [bgs]). As shown on Figure 5 and the cross-sections, the PCE plume in groundwater is well-defined both laterally and vertically. PCE detections in groundwater are limited to approximately 300 feet southwest of the former dry cleaner in the shallow zone and less than 500 feet southwest of the former dry cleaner in the upper deep zone. The vertical extent of PCE in groundwater is limited, and has not been reported in groundwater samples in the lower deep zone.

The PCE plume appears stable and decreasing in the source area. The maximum PCE concentration in groundwater has been reported in shallow well MW-2, located adjacent to the former dry cleaner. PCE concentrations in this well have decreased from 1,500 micrograms per liter (µg/L) in 2003, to 190 µg/L in 2017. PCE concentrations also show a decreasing trend at the leading edge of the shallow zone plume, in well MW-6. However, PCE in the leading edge of the upper deep zone groundwater has not shown a decreasing (or increasing) trend since monitoring began in this area in 2011 (well MW-3D). The decreasing trends in these shallow zone wells are illustrated are on Figures A-1 and A-2 (Appendix A).

Conclusions and Recommendations

Comparison of the analytical results presented in this Site Assessment Report and Conceptual Site Model with applicable screening levels indicates the extent of chemicals above screening levels in soil gas, groundwater, and soil has been adequately delineated. No additional data gaps have been identified with regard to the distribution of chemicals.

Historical groundwater monitoring results indicate the PCE plume is stable and decreasing in concentration in the vicinity of the former dry cleaner. Grab-groundwater sample results down-gradient of source area indicate the full extent of the plume has been defined both laterally and vertically, and there is no risk to down-gradient groundwater receptors.

Based on the Site conditions described in this report, HLENV recommends continuing the historical groundwater monitoring program with some modifications, as follows:

- Groundwater monitoring semi-annually until remediation begins. Groundwater monitoring should include all ten wells to evaluate the groundwater gradient, and the wells MW-1, MW-2, MW-3, MW-5D, MW-6, MW-1D, MW-2D, and MW-3D (all wells with PCE detections or adjacent to the former dry cleaners) to continue monitoring groundwater concentrations.

- Depth-to-groundwater should be measured quarterly for one year in the deep groundwater monitoring wells to confirm the groundwater gradient using the new deep well, MW-5D.

In addition, HLENV recommends moving forward with preparation of the environmental response plan per NC-RWQCB letter, to address:

- Development of appropriate cleanup levels , and reducing PCE concentrations in soil vapor and groundwater to concentrations which will not pose a future threat to human health or the environment;

- Interim remediation for potential soil vapor intrusion into future at-grade residential units west and southwest of the former dry cleaner.

- Management of soil excavated and groundwater encountered during future development, if any.

1.0 INTRODUCTION

This *Site Assessment Report and Conceptual Site Model* for 761 Sebastopol Road in Santa Rosa, California ("Site") (Figure 1) has been prepared by Harris & Lee Environmental Sciences, LLC (HLENV) on behalf of the Sonoma County Community Development Commission (SCCDC). The California North Coast Regional Water Quality Control Board (NC-RWQCB) required this additional site investigation and Conceptual Site Model (CSM) in their *Path Forward to Redevelopment* letter (NC-RWQCB, 2016). The work was completed in accordance with HLENV's *Work Plan for Additional Investigation; CPT Groundwater and Soil Gas Sampling* (Work Plan; HLENV, 2016e), which was approved by the NC-RWQCB in their letter dated March 3, 2017 (NC-RWQCB, 2017).

The purpose of this scope of work was to address data gaps in the historical site assessments by collecting additional soil gas and grab-groundwater samples within and near the known release of tetrachloroethylene (PCE) from the former Roseland Dry Cleaners (Figure 2). This report also provides results of the July 2017 groundwater monitoring event.

1.1 Regulatory Agency Background and Site Development

A Draft California Land Reuse and Revitalization Act (CLRRA) Program Agreement for the Former Roseland Village Neighborhood Center Project is currently under review by the State Water Resources Control Board (SWRCB). Therefore, this report is intended to serve as the Site Assessment Report required in the CLRRA Program Agreement. If, based on the results of this Site Assessment Report, the NC-RWQCB determines a response action is necessary to mitigate an unreasonable risk to human health or the environment, the CLRRA Agreement will require a Response Plan be developed. In order to support the decision-making framework for future response actions, this report also summarizes salient historical analytical results.

The Site is located in the north central portion of a large parcel (Subject Parcel, Sonoma County Assessor's Parcel Number (APN) 125-111-037) currently owned by the SCCDC, as shown on Figures 2 and 3. The SCCDC plans to develop the Subject Parcel, including the Site, as a mixed-use residential and commercial property. The development is being undertaken through a public private partnership between the SCCDC, the non-profit MidPen Housing Corporation, and others. The project will include 175 housing units, a one-acre community plaza, a library, a Boys and Girls Club, and retail stores. The Site portion of the project, as well as the area

immediately downgradient of the Site[2] (and above the current groundwater plume affected by the release from the former dry cleaner), is currently planned for residential development.

2.0 BACKGROUND

2.1 Subject Parcel Description

The Subject Parcel consists of approximately 6.98 acres, and contained a neighborhood shopping center with six buildings for the past half century. The former dry cleaner (Site) and launderette (i.e., Monty's Launderette) structure was demolished in 2009 (Figure 2). Four additional buildings (i.e., a former bowling alley, warehouse, grocery store, and gas station) on the Subject Parcel were demolished in late 2014 to early 2015. One large commercial building remains on the Subject Parcel. The eastern portion of the building is leased to the Dollar Tree Store (777 Sebastopol Road), and the western portion is used as a Boys & Girls Club and community center (Figure 2). A temporary homeless tent encampment is located behind (i.e., north of) the commercial building.

The gasoline service station formerly located on the Subject Parcel used the address of 805 Sebastopol Road. Petroleum hydrocarbons were released to soil and groundwater, and site investigation and cleanup was conducted between 1988 and 2017. The NC-RWQCB issued a No Further Action letter on May 8, 2017 for 805 Sebastopol Road.

The Subject Parcel is paved with asphalt. The concrete slab foundation of the former grocery store remains in place. The footprint of the former dry cleaner is predominately soil, and the footprint of the former bowling alley, warehouse, and gas station are covered with crushed concrete from the former slab foundations. A playground has been constructed above the former warehouse, and a small park with a play area has been constructed above the former gas station area.

2.2 Site Description

The Site was the location of the former Hill/Roseland/Payless Cleaners from approximately 1965 through 1971. The facility performed onsite dry cleaning, and waste management practices are not known. The former dry cleaner used the address of 761 Sebastopol Road, and occupied the western half of the building. The eastern half of the building was Monty's Launderette from about 1960 through at least 1977, and used the address of 759 Sebastopol Road. The building occupied approximately 4,000 square feet.

[2] Downgradient, with respect to the direction of groundwater flow (i.e., to the west-southwest).

In 2002, an underground utility survey and video survey of the sanitary sewer below the Site building identified a sump and associated (eastward-flowing) sewer line at Monty's Launderette. The presence of a sewer line at the former dry cleaner was not conclusively identified (PES, 2002b). A storm drain was located below the former dry cleaner, and discharged to the drainage channel just north of the Site (Figures 2 and 3).

2.3 Site Investigations and Regulatory Oversight

In 2002, seven borings (Borings BP-HP1 through BP-HP7; Tables A-1 and A-2 [Appendix A]) were advanced near the sewer line east of the Site, and adjacent to the Site building. A release of PCE from the former dry cleaning facility was discovered. The release reportedly occurred near the rear (northwest side) of the former building. No known sewer lines were present in the release area. PCE was found to have impacted groundwater. Consequently, a regulatory case (#1NSR403) was opened by the NC-RWQCB on January 16, 2002.

In November 2002, the NC-RWQCB submitted a California Water Code Section 13267 Order to the property owner at that time (Mr. James T. Baugh) requiring investigations to determine the source of PCE and related constituents of concern in groundwater, and define the complete lateral and vertical extent of contamination. The SCCDC has owned the Subject Parcel since about 2010. Appropriate investigations were undertaken at the request of the NC-RWQCB and no further order has been issued by any agencies.

Previous to the current scope of work, the following actions were performed under the NC-RWQCB's jurisdiction to investigate, monitor, and remediate the impacts of the release from the former Roseland Cleaners:

- Several soil, soil gas, and groundwater investigations were conducted at the Site since 2002.
- Ten groundwater monitoring wells were installed between 2003 and 2017, and 36 groundwater monitoring events have been conducted since 2003.
- Three soil borings were advanced in 2009 by APEX Envirotech, Inc.; groundwater samples were collected at each boring location and analyzed for volatile organic compounds (VOCs) (APEX Environmental, 2009).
- Limited remedial soil excavation was completed after removal of the former dry cleaner building in 2009 (AllWest Environmental, 2010).
- Twelve cone penetrometer (CPT) borings were advanced in 2010 by HLENV; soil, soil vapor, and groundwater samples were collected at the Site and analyzed for VOCs (HLENV, 2011a).

- Sixteen Geoprobe® borings were advanced in 2011 by HLENV, and soil samples were collected at the Site and analyzed for VOCs (HLENV, 2012).

- Additional source area soil excavation was completed in August and September 2015 by HLENV, and soil with PCE above the clean-up level of 20 micrograms per kilogram (µg/kg) was excavated and disposed off-site (HLENV, 2015a). In an email dated May 25, 2016, the NC-RWQCB stated that no further soil remediation was recommended.

- Twenty-seven soil gas and six shallow soil samples were collected in October 2015 and August 2016 by HLENV, and samples were analyzed for VOCs (HLENV, 2015b and 2016a).

- A Sensitive Receptor Survey was completed in 2016 and amended in 2017 (HLENV 2016c and 2017).

In December 2016, the NC-RWQCB issued a Path Forward to Redevelopment letter (Letter) in which the NC-RWQCB laid out a path for Site investigation, remediation, and redevelopment:

- Site Investigation and Remediation: The Letter required additional investigation of soil gas and groundwater, continuation of groundwater monitoring, preparation of a CSM, and development of an environmental site assessment (H&S Code 25395.94b&c) and response plan (H&S Code 25395.96a) for the soil gas and groundwater contamination. Additionally, the letter concluded that the remaining concentrations of PCE in shallow soils near the former dry cleaner do not present a direct contact risk to human health.

- Site Redevelopment: The Letter concluded that the parcel can be developed in advance of receiving case closure for the identified environmental conditions, provided interim exposure mitigation efforts (e.g., institutional and engineering controls) are implemented concurrent with implementation of the final remedial efforts to allow safe development and occupancy of the Site prior to complete Site remediation.

3.0 IDENTIFICATION OF APPLICABLE SCREENING LEVELS

Screening levels for use in the human health risk assessment process at hazardous waste sites are published by multiple regulatory agencies. Applicable screening levels were selected based on the exposure pathways identified for the Site and the regulatory agency (i.e., NC-RWQCB) with jurisdiction at the Site location. The selected screening levels for soil, soil gas, and groundwater are discussed below. Although these screening levels are not cleanup levels and do not necessarily trigger a response action, concentrations above screening levels may suggest further evaluation could be appropriate.

3.1 California Department of Toxic Substances Control

The California Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office (HERO) developed modified-screening levels (DTSC-SL) based on the U.S. Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for use in the human health risk assessment process at hazardous waste sites. The most current version of the DTSC-SLs are listed in a June 2017 Interim Update to HERO Note 3 (DTSC, 2017). HERO Note 3 provides screening levels only for soil, tap water, and ambient air. The NC-RWQCB uses these screening levels for soil, as well as soil gas (using modifications to ambient air screening levels, as described below).

Soil gas screening levels were developed using HERO Note 3 ambient air screening levels, with attenuation factors identified by the DTSC's 2011 Vapor Intrusion Guidance (DTSC, 2011, Table 2). An attenuation factor of 0.002 for "existing residential contaminant source", and 0.001 for "existing commercial contaminant source" were applied to the ambient air screening levels to derive the soil gas screening level. Cancer endpoint ambient air screening levels were used when available. The calculated screening levels for residential and commercial uses are presented in Table 1.

Soil screening levels provided by HERO Note 3 were used without modification. These screening levels are presented with the historical soil data on Tables A-1 and A-2 in Appendix A.

3.2 North Coast Regional Water Quality Control Board

The California Water Code, Division 7, Chapter 4, Section 13241 specifies that each RWQCB shall establish water quality objectives (WQOs) which, in the RWQCB's judgment, are necessary for the reasonable protection of the beneficial uses and for the prevention of nuisance. The NC-RWQCB has established WQO screening levels for their region (Appendix B). These WQO screening levels were compared to historical groundwater data, and are listed on Tables 1 through 4.

3.3 Regional Water Quality Control Board – San Francisco Region

DTSC does not publish screening levels for construction worker exposure. Therefore, soil concentrations at the Site were compared to San Francisco Regional Water Quality Control Board (SF-RWQCB) Environmental Screening Levels (ESLs) for human health and direct exposures (San Francisco Regional Water Quality Control Board, 2016). SF-RWQCB Tier 1 ESLs were used for comparison with chemicals detected in soil that do not have DTSC-SLs.

Comparison of soil concentrations with screening levels was completed for informational purposes only. The NC-RWQCB has stated that no further soil remediation is recommended (NC-RWQCB, 2016a) and the remaining concentrations of PCE in shallow soils near the former dry cleaner do not present a direct contact risk to human health (NC-RWQCB, 2016b).

3.4 California Maximum Contaminant Limits

California Maximum Contaminant Limits (MCLs) are included on groundwater sample tables for reference purposes only.

4.0 ADDITIONAL INVESTIGATION FIELDWORK- FEBRUARY THROUGH JULY 2017

4.1 Data Gaps

Data gaps identified in the Work Plan and addressed in this report were as follows:

1. The extent of PCE in groundwater downgradient of the Site had not been fully delineated to non-detectable concentrations in the shallow and deep groundwater zones[3].

2. Concentrations of PCE in shallow and deep groundwater within the PCE plume and within about 150 feet of the Site had not been sufficiently defined.

3. The lateral extent of PCE in shallow soil gas above DTSC residential screening levels had not been fully delineated.

4. The estimated groundwater gradient in the deep zone had not been consistent with the reported groundwater gradient in this zone south of Sebastopol Road (south of the Site and Subject Parcel), and further evaluation of the gradient direction was considered prudent.

4.2 Objectives

The data gaps were addressed in this investigation with a work scope designed to meet the following objectives:

[3] Groundwater zones are defined in Section 4.0.

1. Further define the leading edge of the PCE plume in the shallow and deep zones southwest of the Site (in the shallow groundwater gradient direction).

2. Further define the extent of the PCE plume in the shallow and deep zones northwest of the former dry cleaner (in the historically estimated deep groundwater gradient direction).

3. Further define the concentration gradient within the PCE plume in the shallow and deep zones southwest of the former dry cleaners, in the shallow downgradient direction.

4. Confirm the apparent absence of PCE in the lower portion of the lower deep zone (below the upper deep zone monitoring wells and above 70 feet below ground surface [bgs]).

5. Fill shallow soil gas data gaps by fully delineating the extent of PCE above residential screening levels.

6. Further evaluate the groundwater gradient in the deep groundwater zone by installing one additional deep groundwater monitoring well.

4.3 Field Activities

Additional investigation fieldwork was completed from February through July 2017, in accordance with the Work Plan dated November 2016 (HLENV, 2016e).

The scope of work included:

- Advancing eight soil gas borings to six feet bgs (SG-22 to SG-29) and collecting soil gas samples from 5 to 6 feet bgs.

- Advancing eight CPT borings (CPT-13 through CPT-20) to depths of 50 to 70 feet bgs, and collecting grab-groundwater samples at multiple depths in each boring.

- Installing one additional deep monitoring well (MW-5D) to a depth of 45 feet bgs.

- Conducting a groundwater monitoring event by measuring water levels and collecting groundwater samples from all ten monitoring wells associated with the Site.

4.3.1 Pre-Field Activities

Drilling permits were approved by the SCDHS for new well MW-5D on January 25, 2017 and for the CPT and soil gas borings on March 28, 2017. Copies of these permits are provided in Appendix C. Boring locations were marked on the surface in white paint, and Underground Service Alert (USA) was contacted for utility clearance in advance of drilling, as

required by state law. Prior to drilling, Cruz Brothers Locators, Inc. (CBL) of Soquel, California, performed geophysical borehole clearances for sub-surface utilities.

Access to the Joe Rodota Trail was required to advance CPT-13. An encroachment permit dated March 10, 2017 was obtained from the County of Sonoma for this purpose. Access to the Nonella and Gee properties was required to advance all CPT and soil gas borings west of the Subject Parcel (Figure 3). A property access agreement with Mike Nonella dated February 26, 2017 was obtained for the property at 887 Sebastopol Road (APN# 125-101-044). Access to the Gee property (APN# 125-101-031) was arranged by MidPen Housing under their existing access agreement.

4.3.2 Soil Gas Sampling – July 2017

Soil gas sampling was conducted in accordance with the current DTSC advisory for active soil gas investigations.[4] HLENV contracted TEG Northern California, Inc., of Rancho Cordova, California, to advance the shallow soil gas borings, install temporary soil gas probes, collect the soil gas samples, and analyze the samples with their State-certified on-site laboratory.

The locations of soil gas samples collected at the Site in 2016 and 2017 are shown on Figure 4. Eight new soil gas sample locations (i.e., SG-22, SG-23, SG-24, SG-25, SG-26, SG-27, SG-28, and SG-29) were sampled on July 21, 2017. The sample depth interval (i.e., 5 to 6 feet bgs) is similar to previous (2016) soil gas sample depths, which were collected from 4 to 5 feet bgs.

Field procedures for collection of the soil gas samples were described in detail in the Work Plan, and are briefly summarized here. A direct-push drill rig was used to push one-inch diameter steel probe rods to six feet bgs. A sample train with new 1/8-inch Nylaflow tubing was threaded through the probe rods and connected to the bottom of the rods above a sacrificial tip. The probe rods were then retracted to 5 feet bgs to expose the vapor sampling port, and the probe was sealed at the surface with bentonite. After allowing the sample point to equilibrate for at least two hours, a shroud was placed over the rods, and a tracer gas (1,1-difluoroethane) was introduced below the shroud. Three tubing purging volumes were removed, and a soil gas sample was collected in a glass syringe using a flow rate of 200 milliliters per minute or less. The sample was immediately transferred to the mobile laboratory for analysis of VOCs by EPA Method 8260B. Field records are provided in Appendix D.

[4] California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), Los Angeles Regional Water Quality Control Board, and San Francisco Regional Water Quality Control Board, 2015, Advisory – Active Soil Gas Investigations, July.

Depths-to-groundwater were measured in existing wells before soil gas sampling was conducted to confirm that soil gas samples were not collected within the groundwater capillary fringe. Groundwater measurements in the shallow monitoring wells ranged from approximately 11 to 12 feet below the top of casing (TOC) on July 21, 2017.

Soil gas sampling boreholes were abandoned by removing the sample tubing along with the sand and hydrated bentonite annular seal. A cement slurry was then tremie-grouted from the bottom of the boring to the ground surface.

4.3.3 Grab-Groundwater Sampling - July 2017

CPT/Hydropunch® groundwater sampling was conducted at eight locations (CPT-13 through CPT-20) from July 21, 2017 through July 26, 2017. The CPT sample locations are shown on Figure 3. Analytical results are summarized in Table 2 and presented on Figures 5 and 6.

HLENV contracted Gregg Drilling and Testing, Inc. of Martinez, California to advance the CPT borings and collect the grab-groundwater samples. All borings were hand augured in the upper five feet to clear utilities. After electronic lithologic data were collected from the original boring at each CPT location and the target sample depth was identified based on the CPT results, an additional boring (sub-boring) was advanced within one to two feet laterally from the initial boring to collect the groundwater samples.

The CPT/Hydropunch® grab-groundwater samples were collected as described below:

- Borings CPT-13, CPT-14, CPT-15, And CPT-20 were advanced to depths of 70 feet bgs. Three to four grab-groundwater samples were collected at each location. Target zones for each location were as follows: 1) the shallow zone, defined previously as about 9 to 24 feet bgs (now roughly defined as 5 to 25 feet bgs based on seasonal variations); 2) the deep zone, previously defined as about 28 to 45 feet bgs (now defined as the upper deep zone, roughly 25 to 50 feet bgs); and 3) in the next encountered permeable zone within the deep zone.

- Borings CPT-16, CPT-17, CPT-18, and CPT-19 were advanced to depths of 50 feet bgs. Two grab-groundwater samples were collected at each location. Target zones for each location were as follows: 1) the shallow zone, defined previously as about 9 to 24 feet bgs (now roughly defined as 5 to 25 feet bgs based on seasonal variations); 2) the deep zone, previously defined as about 28 to 45 feet bgs (now defined as the upper deep zone, roughly 25 to 50 feet bgs).

- CPT logs were generated in the field and the most permeable depths (i.e., coarse grained units) were identified. Grab-groundwater samples were collected in

the permeable zones best matching the target zones. Final sample depths are listed on Table 2 and shown on cross-sections presented as Figures 7 through 10. Grab-groundwater samples were obtained from each CPT sample location using a Hydropunch® sampler.

Detailed CPT protocols and grab-groundwater sampling procedures were described in the Work Plan.

Boreholes were abandoned by placing a neat-cement slurry grout from the bottom of the boring to the ground surface. The grout was tremie-grouted through the CPT rods. Asphalt patches were placed in the upper few inches for borings located on asphalt.

4.3.4 Installation of Well MW-5D, February 2017

One additional deep well, MW-5D, was installed adjacent to existing shallow well MW-5 in the northwest corner of the Subject Parcel (Figure 3). The new well was installed in this location primarily to further evaluate the groundwater gradient in the upper deep zone, and to provide further definition of the extent of PCE in the deep zone. Drilling and sampling was conducted in accordance with the approved Work Plan that included the health and safety plan.

Well installation was completed on February 14, 2017 by Clearheart Drilling of Santa Rosa, California, a California C-57 licensed driller, under the supervision of a California Professional Geologist representing HLENV. The upper five feet of the boring was advanced using a hand auger for safety purposes. A truck-mounted hollow-stem auger drill rig with 8-inch outside diameter augers was used to advance the boring to 45 feet bgs. Soil was continuously sampled from 5 to 25 feet bgs using a 2-inch diameter modified California sampler. Flowing sands were encountered at 21.5 feet bgs, and sampling was not possible below 25 feet bgs; therefore, lithology was logged from cuttings from 25 to 45 feet bgs. Silty sands to sandy silts were present to a depth of 12 feet bgs, and were underlain by sand with gravel to a depth of approximately 39 feet bgs. Clay was encountered from 39 to 45 feet bgs. The boring was logged using the Unified Soil Classification System (USCS); the boring log is presented in Appendix D. Monitoring well construction details are presented in Table 5.

Soil cores (from about 2 to 25 feet bgs) were screened for VOCs using a photoionization detector (PID). PID readings indicated that VOCs were not present in the screened soil.

The well was screened from 30 to 45 feet bgs to be consistent with the screened intervals of existing deep wells MW-1D and MW-3D. The well screen is 2-inch diameter, Schedule 40 PVC with 0.020 slots. Monterey #3 sand was placed from 28-45 feet bgs; time-release bentonite pellets were placed above the sand from 25 to 28 feet bgs; and neat cement grout was

tremie-grouted from 0-25 feet bgs. The well was completed with a locked expansion cap and traffic-rated Christy box.

Well MW-5D was partially developed during drilling by bailing after installation of the sand pack and before placement of the grout annular seal. Well development was completed on February 21, 2017 by pumping 50 gallons of water at about 2 gallons per minute. The well was sampled in July 2017 along with the other wells in the monitoring network.

After installation and development, the new well MW-5D was surveyed along with the existing nine monitoring wells in the expanded monitoring network for the Site (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-1D, MW-2D, and MW-3D). Surveying of the top of well casings (north side) and well rims was completed by BKF Engineers of Santa Rosa, California on March 9, 2017. The new survey report is provided in Appendix E, and the survey data are listed in Table 5. Survey data will be uploaded to GeoTracker, as required by the SWRCB.

4.3.5 Groundwater Monitoring Event, July 2017

During completion of CPT and soil gas fieldwork, an expanded quarterly monitoring event was conducted that included collecting groundwater level measurements and groundwater samples from all ten monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-1D, MW-2D, and MW-3D). Monitoring well locations are shown on Figure 3. Groundwater monitoring was completed on July 21 and 24, 2017, using the same protocols used for previous groundwater monitoring events.

Prior to purging each well, the static water level was measured to the nearest 0.01 foot (relative to the TOC reference point on each monitoring well) with an electronic water level sounder. After calculating the well casing volume, approximately 3 volumes of groundwater were purged at a low flow rate using a dedicated electric purge pump and disposable tubing. The pump was placed near the base of the monitoring wells to remove representative groundwater and allow collection of groundwater samples that would capture potential dense non-aqueous phase liquid (DNAPL) and VOCs, if present. Water quality characteristics (including temperature, pH, and conductivity) were recorded during purging, and are included on the sampling data sheets (Appendix D).

Groundwater samples were collected directly from the purge pump discharge point (using low flow techniques to reduce the potential for volatilization) and were decanted into laboratory-supplied containers appropriate for the required analysis. Standard quality control (QC) procedures were followed during the collection of groundwater samples, in accordance with our Work Plan for this Site (HLENV, 2010b).

Monitoring well construction details are listed in Table 5. Groundwater sample analytical results for the July 2017 event are presented in Tables 3 and 4, along with the historical results.

4.4 Laboratory Analyses and Quality Control – July 2017

4.4.1 Analytical Methods

Laboratory analytical methods for the July 2017 fieldwork are summarized below:

- Grab-groundwater samples from the CPT borings were transported under chain-of-custody procedures to McCampbell Analytical of Pittsburg, California. The samples were analyzed for VOCs, including PCE, by EPA Method 8260B. Laboratory quality assurance results are included with the laboratory reports in Appendix F.

- Grab-groundwater samples from borings CPT-17, CPT-18, and CPT-19 were analyzed for VOCs by TEG's on-site laboratory using EPA Method 8260B. Laboratory quality assurance results are included with the laboratory reports in Appendix F.

- Soil gas samples were analyzed by TEG's on-site laboratory for VOCs by EPA Method 8260B with low level reporting limits. Laboratory quality assurance results are included with the laboratory reports in Appendix F.

- Groundwater samples from the new and existing monitoring wells were transported under chain-of-custody procedures to McCampbell Analytical of Pittsburg, California. The samples were analyzed for VOCs, including PCE, by EPA Method 8260B, as in previous groundwater monitoring events. Laboratory quality assurance results are included with the laboratory reports in Appendix F.

4.4.2 Quality Assurance/Quality Control Samples

Quality Assurance/Quality Control (QA/QC) information for the July 2017 fieldwork is summarized below:

- QC samples for the CPT groundwater sampling task included two travel blanks ("Travel Blank"), one duplicate grab-groundwater sample for off-site laboratory analysis ("DUP-1", from CPT-18, 28-38); and one field duplicate analyzed by the on-site laboratory (also CPT-18, 28-38), as listed in Table 2. No compounds were reported in the travel blanks above laboratory reporting limits. Duplicate sample results were consistent with the original samples.

- QC samples for the soil gas sampling task included two field duplicates (Table 1). One sample was analyzed by the on-site lab (SG-29), and the other sample was collected in a Summa canister and delivered under chain-of-custody procedures to Analytical Sciences, an off-site laboratory, for analysis by EPA Method TO-15 (SG-29,

Summa). Duplicate sample results were consistent with the original samples (Table 1). Field records for collection of the Summa canister are provided in Appendix D.

- Reporting limits for the on-site mobile laboratory (EPA Method 8260B) and off-site laboratory (EPA Methods 8260B and TO-15) were at or below those listed in the Work Plan, and met quality assurance objectives for this scope of work.

4.5 Investigation-Derived Waste Disposal

Investigation-derived waste disposal for field activities conducted from February 2017 through July 2017 are described below.

4.5.1 Well MW-5D Installation, February 2017

Investigation-derived waste from installation of well MW-5D was contained in three 55-gallon drums (two soil and one water) and temporarily stored on the Site. The drums were removed from the Site by Shoreline Environmental of Benicia, California on February 21, 2017 and stored at their yard pending receipt of analytical results.

One soil sample was collected from the two drums of soil (MW-5D-IDW) and analyzed for the following: VOCs by EPA Method 8260B; semi-volatile organic compounds by EPA Method 8270C; Total Petroleum Hydrocarbons as gasoline, diesel and motor oil by EPA Method 8015B; pH; CAM 17 metals; and soluble chromium by the Soluble Threshold Limit Concentration (STLC, CA Title 22) method. None of the analytes were detected above reporting limits, with the exception of several CAM 17 metals. Soluble chromium results, analyzed using the method, were 0.20 milligrams per liter (mg/L), and the pH was 7.83.

Two drums of soil were delivered to Recology Hay Road Landfill under a non-hazardous waste manifest on March 23, 2017. One drum of decontamination water was delivered to Seaport Environmental under a non-hazardous waste manifest on February 23, 2017. The manifests and laboratory reports are provided in Appendix F.

4.5.2 CPT Drilling and Quarterly Monitoring Event, July 2017

One 55-gallon drum of decontamination water and two drums of purge water were generated during drilling of the CPT borings and conducting the quarterly sampling event in July 2017. The three drums were temporarily stored onsite and removed by Shoreline Environmental and delivered to Seaport Environmental under a non-hazardous waste manifest (using the existing groundwater waste profile) on August 17, 2017. The manifest is provided in Appendix G.

5.0 CONCEPTUAL SITE MODEL AND RESULTS OF ADDITIONAL INVESTIGATION

5.1 Topography and Surface Water Bodies

The elevation of the Site is approximately 145 feet above mean sea level at the northwest corner of the former dry cleaner building. The ground surface slopes to the southwest, with a gradient of about 0.01. Santa Rosa Creek is located approximately 1,500 feet north of the Site and flows to the west. An unnamed creek is located approximately 2,000 feet south of the Site and flows to the southwest.

A man-made drainage channel is located approximately 20 feet north of the northern extent of the former dry cleaner building (Figure 2). The channel drains east to west, and is located between the Site and the Joe Rodota Trail. This drainage channel is approximately 4-5 feet deep, and has been observed to contain water only during and shortly after rain events. A storm drain currently crosses the Subject Parcel from south to north, and when the building was present was approximately 4-5 feet below the former dry cleaner building. The storm drain discharges into the drainage channel (Figure 2).

5.2 Geology

Figures 7 through 10 present geologic cross-sections of the Site vicinity based on historical and newly generated data. As shown, soils encountered beneath the Site consist of alternating and interbedded layers of unconsolidated sediments typically found in the alluvial depositional environment of the Santa Rosa Plain, including: clay, silt, sand, coarse sand to gravel, and cemented sands. Sediments in this region are derived from the Sonoma and Mayacamas Mountain ranges to the east and northeast, respectively, along with overbank deposits of modern and ancient streams and rivers. Boring logs supporting the cross-sections are provided in Appendix H.

The upper one-to-two feet of surface material below the former bowling alley is crushed concrete from the former building slab. Imported and compacted soil was used to backfill the excavation below the former dry cleaners (Figure 2).

5.3 Hydrogeology

Groundwater appears to occur mostly under water table conditions. As shown on Figures 7 through 10, two non-distinct zones of coarse materials (i.e., gravel, sand, and sand/silt

mixtures, the predominant groundwater-bearing materials) have been roughly defined within approximately 70 feet bgs, the maximum depth of investigation at the Site.[5]

The first zone (i.e., the "shallow zone") is encountered at depths of approximately 5 to 25 feet bgs and is composed of materials ranging from silty sand to gravel. This zone appears mostly laterally continuous across the Site (at varying thicknesses), but significantly thins in the vicinity of CPT-14 and CPT-2 directly downgradient of the Site (see Cross-Section A to A' [Figure 7]), and to the southeast of the Site (e.g., at CPT-5 and CPT-7 on Cross-Section B to B' [Figure 8]). The shallow zone coarse materials are not observed at two locations: CPT-8 and CPT-11.

The second coarse-grained zone ("deep zone") occurs at depths between approximately 25 and 70 feet bgs, and is composed primarily of sand and coarse sand, intermixed with gravel. This zone consists of an "upper deep zone" (approximately 25 to 50 feet bgs), and a "lower deep zone" (approximately 50 to 70 feet bgs). All four "deep" monitoring wells are screened in the upper deep zone. The upper deep zone appears to be mostly laterally continuous across the Site, and the lower deep zone is not laterally continuous.

The shallow and deep zones are typically separated by clay and silty clay materials of varying thickness (less than one foot to 12 feet); however, in some locations the shallow and deep zones may be interconnected (e.g., at MW-2 and MW-2D [Cross-Section A-A'; Figure 7] and MW-5/MW-5D [Cross-Section C-C'; Figure 9]).

Groundwater elevations in both the shallow and upper deep zones are highly affected by seasonal precipitation. Depth-to-groundwater measurements have been collected in selected monitoring wells from 2003 to 2017 (Tables 3 and 4). Depth-to-groundwater measurements in the monitoring wells range from between approximately 5 and 15 feet bgs in both the shallow and deep monitoring wells. The groundwater flow direction in the shallow zone typically ranges from westerly to southwesterly, with some monitoring events showing a west-northwesterly flow direction. On July 21, 2017, the estimated horizontal hydraulic gradient was 0.007, with a flow direction of N60W (Figure 11).

Historical groundwater gradients estimated from water levels in the three deep zone monitoring wells between 2011 and 2016 indicated a predominant groundwater flow direction to the west-northwest. Because this groundwater flow direction was inconsistent with the

[5] The depths of the two zones are only generally defined due to the variable and interbedded lithology in the Site vicinity.

southwesterly flow direction reported in the equivalent zone at nearby sites[6], the gradient was further evaluated in February 2017 by installing one additional deep zone groundwater monitoring well (MW-5D). The new well was screened at a depth (i.e., 30 to 45 feet bgs) consistent with existing wells MW-1D and MW-3D. Well MW-2D has a deeper well screen interval (at 46 to 54 ft bgs) than wells MW-1D and MW-3D, but is screened within the same coarse-grained unit as wells MW-1D and MW-3D (Figure 7).

As shown on Figure 12, Well MW-2D appears to have a slightly depressed groundwater level relative to those observed in the other deep zone wells. The new estimated deep zone gradient of 0.002 appears to be to the southwest (i.e., S48W), whether using water levels from all four deep zone groundwater wells, or only the three deep zone wells (MW-1D, MW-3D, and MW-5D) screened at similar elevations. This new gradient direction is considered to be more accurate than the northwest gradient estimated previous to the installation of well MW-5D. The PCE concentration distribution in the deep zone supports a southwest groundwater gradient, as illustrated on Figure 5.

Hydraulic head differences between two well pairs (MW-1 and MW-1D, and MW-2 and MW-2D) had neutral to slightly downward vertical hydraulic gradients in 2016 and 2017. Well pair MW-5 and MW-5D had a neutral gradient in July 2017 (Table 6).

5.4 Summary of Analytical Results

Analytical results for soil gas, grab-groundwater, and current groundwater samples from monitoring wells are discussed below. Historical results for groundwater samples from monitoring wells and soil samples are discussed in Appendix A.

5.4.1 Soil Gas

Soil gas sample results for the current scope of work (as well as recent previous analytical results from 2015 and 2016; a total of 37 soil gas samples) are summarized in Table 1; and illustrated on Figure 4. Analytical laboratory reports for the current scope of work are presented in Appendix F.

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[6] The aquifer system in the Site vicinity has been studied in depth as part of the Roseland Area HVOC Investigation (PES, 2002a). The two water bearing zones identified for the Site, the "shallow" and "deep" zones, occur within the "A-Aquifer Zone" (6-17 feet bgs) and "Upper B-Aquifer Zone" (26 to 70 feet bgs), identified in the PES study. The flow direction in both the A- and B-Aquifer Zones was consistently to the southwest in the PES study.

Current soil gas results were compared to DTSC-SLs. Chemical concentrations reported in soil gas samples that were above DTSC residential and commercial screening levels are shown on Figure 4. Results of the analyses indicate the following:

- Five chemicals have been reported above laboratory reporting limits in the soil gas samples: PCE, 1,1,1-Trichloroethane (1,1,1-TCA), Freon 11, Freon 12, and benzene.

- PCE and benzene were the only compounds detected above the most conservative (residential) DTSC-SL.

- PCE was reported at concentrations above the commercial DTSC-SL of 2000 micrograms per cubic meter ($\mu g/m^3$) in four samples (SG-2, SG-6, SG-7, and SG-8). As shown on Figure 4, these locations are all located within approximately 200 feet west and southwest of the former dry cleaner building (in the downgradient direction with respect to groundwater flow). The maximum concentration of PCE reported in soil gas samples was 9,700 $\mu g/m^3$ in sample SG-2. This sample was located immediately adjacent to the suspected release near the back of the former dry cleaner building.

- PCE was reported above the residential DTSC-SL of 230 $\mu g/m^3$ and below the commercial DTSC-SL in eight soil gas samples. As shown on Figure 4, these locations are all located within approximately 300 feet of the former dry cleaner building. Sample results from borings SG-28 and SG-29 indicate PCE soil gas concentrations along the northwest Subject Parcel boundary are above residential screening levels; however, no residential development is located or planned in this area.

- Benzene was reported above the residential DTSC-SL of 48.5 $\mu g/m^3$ and below the commercial DTSC-SL of 420 $\mu g/m^3$ in one sample (SG-13). This sample was located on the Nonella property west of the Site. It does not appear that the occurrence of benzene at this location is related to the former dry cleaner operations.

5.4.2 Grab-Groundwater

Grab-groundwater sample results for the current scope of work, as well as historical analytical results, are summarized in Table 2 and illustrated on Figures 5 (for PCE) and 6 (for all other chemicals above WQO screening levels). Analytical laboratory reports for the current scope of work are presented in Appendix F.

Current and previous grab-groundwater results were compared to the NC-RWQCB's WQO screening levels. Results of all laboratory analyses indicate the following:

- Eleven chemicals have been reported above laboratory reporting limits in the grab-groundwater samples: PCE, Methyl Tert-Butyl Ether, carbon tetrachloride,

Freon 12, chloroform, and 1,1,-dichloroethylene (DCE); trichloroethylene (TCE); toluene; ethylbenzene; xylenes; and trimethylbenzenes.

- Five of the chemicals were reported at concentrations above their respective WQO screening level: PCE, MTBE, TCE, carbon tetrachloride, and chloroform. These five chemicals are discussed below:

    - PCE was reported at concentrations both above and below the WQO screening level in multiple samples (Figure 5). PCE at concentrations above the WQO screening level of 0.06 micrograms per liter (µg/L) was limited to approximately 300 feet southwest of the former dry cleaner in the shallow zone (about 5-25 feet bgs) and less than 500 feet southwest of the former dry cleaner in the upper deep zone (about 25-50 feet bgs), as shown on Figure 5. PCE has not been reported in grab-groundwater samples collected in the lower deep zone (below about 50 feet bgs).

    - The maximum concentration of PCE reported in the grab-groundwater samples is 288 µg/L in sample BP-HP7 from 14 to 19 feet bgs (Figure 5). This sample was collected in 2002 at the northwest corner of the former dry cleaner, approximately one foot north of the rear entrance.

    - MTBE has been reported in grab-groundwater samples from seven locations at concentrations above the WQO screening level of 5 µg/L, as shown on Figure 6. The maximum concentration of MTBE reported in these samples was 56 µg/L in boring CPT-4 at 42 feet bgs. This boring is located northeast of the former dry cleaner, in the up-gradient direction for groundwater flow. Although MTBE is also present in grab-groundwater samples downgradient of the former dry cleaners, the concentration gradient, as well as the absence of evidence of MTBE use at the Site, indicates the source is located upgradient of the Site.

    - TCE has been reported in only two grab-groundwater samples, as shown on Figure 6. In 2002, TCE was reported in sample BP-HP7, 14-19 feet bgs, at 3.89 µg/L. In 2009, TCE was reported in sample SB-1 at 52 feet bgs at 0.95 µg/L. Only the sample from BP-HP7 contains TCE above the WQO screening level of 1.7 µg/L.

    - Carbon tetrachloride has been reported in eight grab-groundwater samples above the WQO screening level of 0.1 µg/L, as illustrated on Figure 6. The maximum concentration of carbon tetrachloride was 7.5 µg/L in boring CPT-9 at 41 and 53 feet bgs. This CPT location is at the southern edge of the former Albertson's grocery store, about 300 feet south-southeast of the former dry

cleaner. Although carbon tetrachloride has been reported in Site borings at multiple locations south, southeast, and southwest of the former dry cleaner at depths below 40 feet, it has not been reported close to the former dry cleaner building or at shallow depths; this suggests the former dry cleaner was not a source of carbon tetrachloride. Carbon tetrachloride has also been reported north, northeast, and east of the Site at concentrations ranging from 2.91 to 10 µg/L (PES, 2002a), indicating it is a regional issue.

- Chloroform has been reported in ten grab-groundwater samples at or above the WQO screening level of 1.8 µg/L, as shown on Figure 6. The maximum concentration reported for chloroform was 10.7 µg/L in sample BP-HP1 at 14 to 19 feet bgs. This sample was located on the exterior, eastern side of the former dry cleaner building. Chloroform was found as shallow as 6-9 feet bgs in sample BP-HP2, at the southwest corner of the former dry cleaner building; and as shallow as 3-7 feet bgs in sample BP-HP4, located along the sewer line about 130 feet south of the former dry cleaner. All three of these samples were collected in 2002. The distribution of chloroform indicates low concentrations were present near the former dry cleaner building in the 2002 grab-groundwater samples, and low concentrations were present in multiple locations from southeast to southwest of the former dry cleaner building in the 2011 samples. Due to the presence of chloroform in samples adjacent to the former dry cleaner at shallow depths, it appears the former dry cleaner operations may have been a source of chloroform.

5.4.3 Groundwater Monitoring Event Results – July 2017

Groundwater sample results for the July 2017 monitoring event, as well as historical analytical results for the monitoring well samples, are summarized in Tables 3 and 4. Current groundwater elevation gradient maps for the shallow and deep groundwater zones are presented as Figures 11 and 12. Groundwater analytical results for the monitoring wells are illustrated along with grab-groundwater results on Figures 5 and 6. Field data sheets are provided in Appendix D. Analytical laboratory reports for the current scope of work are presented in Appendix F.

Groundwater elevations in each monitoring well were calculated using the depth-to-water and the TOC elevations at each monitoring well. As stated previously, estimated groundwater flow direction and gradient in the shallow and deep zones were N60W, 0.007 , and S48W, 0.002.

The estimated groundwater flow direction for the shallow zone during the current monitoring event was within historical flow direction ranges. Groundwater flow direction in this zone is typically southwest, with some events showing a westerly or slightly northwest gradient.

The estimated southwesterly groundwater flow direction for the deep zone during the current monitoring event was outside of historic flow direction ranges due to the addition of deep well MW-5D. The new estimated groundwater direction to the southwest appears to be more accurate than the previously estimated groundwater directions to the northwest, as discussed above in Section 5.3.

Three compounds were reported above laboratory reporting limits during this groundwater monitoring event as follows:

- PCE was detected in shallow groundwater monitoring wells MW-2, MW-3, and MW-6 at concentrations of 190 µg/L, 5.0 µg/L; and 12 µg/L, respectively. PCE was also detected in deep monitoring wells MW-1D, MW-3D, and MW-5D at a concentrations of 0.69 µg/L, 14 µg/L, and 1.6 µg/L, respectively. There were no detections of PCE in wells MW-2D, MW-4, MW-5, during this monitoring event.

- MTBE was detected only in deeper monitoring wells MW-1D and MW-2D during this sampling event, at concentrations of 4.5 and 25 µg/L, respectively.

- Acetone was reported in MW-1 at 10.0 µg/L. Because this chemical has never been reported onsite, and it is a common laboratory contaminant, and the detection is likely due to laboratory contamination.

5.5 Constituents of Concern in Site Media

The potential constituents of concern (COCs) at the Site have been identified based on the chemical concentrations reported in soil, soil gas, and groundwater at the Site and summarized in this report. The COCs are chemicals that have been reported at concentrations above applicable screening levels, and are as follows:

- **Soil gas: PCE**. Benzene was also reported above the DTSC-SL in one soil gas sample on the Gee property; however, this occurrence is not attributed to historical Site operations at the former dry cleaner. Therefore, PCE is the only COC in soil gas.

- **Groundwater: PCE.** Although TCE has been detected in four locations (BP-HP7, SB-1, MW-2, and MW-3), it has not been detected since 2012, and the maximum concentration was 4.5 µg/L, just above the WQO screening level of 1.7 µg/L. Chloroform has not been reported above the WQO screening level since 2011. Therefore, TCE and chloroform are not considered current COCs for the Site. Carbon tetrachloride has not been reported in the source area, and appears to be a regional issue unrelated to former dry cleaner operations. The presence of MTBE is not

attributed to historical Site operations, and the source appears to be northeast of the Site. Therefore, PCE is the only COC in groundwater.

- **Soil: None.** PCE is present in soil downgradient of the former dry cleaners at low concentrations below the residential DTSC-SL, as described in Appendix A. The bulk of the mass was removed by excavation in 2009 and 2015 (HLENV, 2015a). The NC-RWQCB has stated that no further soil remediation is recommended (NC-RWQCB, 2016a) and the remaining concentrations of PCE in shallow soils near the former dry cleaner do not present a direct contact risk to human health (NC-RWQCB, 2016b).

5.6 Exposure Pathways

Exposure pathways for the COCs listed above were evaluated based on the planned future use of the Site as a residential portion of the mixed-use development on the Subject Parcel. These residential buildings are anticipated to be slab-on-grade construction, and excavation will be required only for minor grading and utility installation. The exposure pathways are presented graphically on the Conceptual Site Model Chart, presented as Figure 13.

5.6.1 Soil Exposure Pathway

The NC-RWQCB has stated that no further soil remediation is recommended (NC-RWQCB, 2016a) and the remaining concentrations of PCE in shallow soils near the former dry cleaner do not present a direct contact risk to human health (NC-RWQCB, 2016b). In addition, the planned building structures and landscaping are expected to be an effective barrier to soil exposure.

Based on the future use of the Site, potential exposure to chemicals in soil is limited to construction workers. The maximum detected concentration of PCE in soil that remains onsite (after remedial excavation) above 15 feet bgs (the seasonal vadose zone) was 37 µg/kg (excavation sample EX-33-5.0). This concentration is well below the SF-RWQCB ESL for construction workers of 33,000 µg/kg.

5.6.2 Soil Vapor Exposure Pathway

There is a potential for residents in the future buildings in the vicinity of the former dry cleaner to be exposed to PCE due to migration of soil vapor with PCE into indoor air. PCE was reported at concentrations above the commercial DTSC-SL of 2000 micrograms per cubic meter (µg/m^3) within approximately 200 feet west and southwest of the former dry cleaner building, and above the residential DTSC-SL of 230 µg/m^3 within approximately 300 feet of the former dry cleaner building, as illustrated on Figure 4. Therefore, engineering controls will be incorporated in building designs for structures in areas with PCE above DTSC-SLs to prevent soil vapor

entering the buildings. The potential exposure will be mitigated by engineering controls, resulting in an incomplete exposure pathway from the soil vapor to the building occupants.

5.6.3 Groundwater Exposure Pathway

Potential exposure to humans from chemicals in groundwater after development is not considered a complete exposure pathway , as exposure is expected to be mitigated by land use controls. No water supply wells are present on the Site or within the extent of the groundwater plume, and future water use on the Site is expected to be provided through the municipal supply. The nearest water supply wells to the southwest (downgradient) of the former dry cleaners are located at 586, 588, and 592 Roseland Avenue, Santa Rosa (HLENV, 2016c), approximately 450 to 500 feet southwest of the PCE plume. A Site Management Plan will be prepared to address groundwater exposure during Site development.

6.0 RESOLUTION OF DATA GAPS AND RECOMMENDATIONS

6.1 Data Gap Resolutions

Based on the results of the additional investigation and development of the CSM, the following data gaps were resolved:

1. The leading edge of the PCE plume in the shallow and deep zones southwest of the Site (in the shallow groundwater gradient direction) has been delineated to non-detect or low concentrations by grab-groundwater sample results from borings CPT-17, CPT-18, CPT-19, and CPT-20, as shown on Figure 5.

2. The extent of the PCE plume in the shallow and deep zones northwest of the former dry cleaner has been delineated by grab-groundwater sample results from CPT-13, as shown on Figure 5.

3. The concentration gradient within the PCE plume in the shallow and deep zones southwest of the former dry cleaners, in the shallow downgradient direction has been defined with grab-groundwater sample results from borings CPT-14, CPT-15, CPT-17, CPT-18, and CPT-19, as shown on Figure 5.

4. The absence of PCE in the groundwater in the lower deep zone (below the deep zone monitoring wells and above 70 feet bgs) has been confirmed with grab-groundwater samples from CPT-13, CPT-14, CPT-15, and CPT-20 as shown on Figure 5.

5. The extent of PCE above residential screening levels in shallow soil gas data has been fully delineated with soil gas samples from borings SG-1, SG-21, and SG-22 through SG-27. Sample results from borings SG-28 and SG-29 indicate PCE soil gas

concentrations along the northwest Subject Parcel boundary are above residential screening levels; however, no residential development is located or planned in this area.

6. The groundwater gradient in the deep groundwater zone has been established as southwesterly by installing one additional deep groundwater monitoring well.

Comparison of the analytical results presented in this Site Assessment Report and Conceptual Site Model with applicable screening levels indicates the extent of chemicals above screening levels in soil gas, groundwater, and soil has been adequately delineated. No additional data gaps have been identified with regard to the distribution of chemicals.

The groundwater flow direction in the upper deep zone requires additional monitoring using the new deep zone well (MW-5D) to confirm the estimated southwest flow direction. However, sufficient groundwater chemical data exist to conclude that PCE in groundwater in the upper deep zone has migrated southwest (Figure 5). Therefore, no additional data gaps have been identified with regard to the groundwater flow direction that would preclude moving forward with a Response Plan.

Historical groundwater monitoring results indicate the PCE plume is stable and decreasing in concentration in the vicinity of the former dry cleaner (Figures A-1 and A-2). Grab-groundwater sample results down-gradient of source area indicate the full extent of the plume has been defined both laterally and vertically (Figure 5), and there is no risk to down-gradient groundwater receptors.

6.2 Recommendations

Based on the Site conditions described in this report, HLENV recommends continuing the historical groundwater monitoring program with some modifications, as follows:

- Groundwater monitoring semi-annually until remediation begins. Groundwater monitoring should include all ten wells to evaluate the groundwater gradient, and the wells MW-1, MW-2, MW-3, MW-5D, MW-6, MW-1D, MW-2D, and MW-3D (all wells with PCE detections or adjacent to the former dry cleaners) to continue monitoring groundwater concentrations.

- Depth-to-groundwater should be measured quarterly in the deep groundwater monitoring wells to confirm the groundwater gradient using the new deep well, MW-5D.

In addition, HLENV recommends moving forward with preparation of the environmental response plan per NC-RWQCB letter, to address:

- Reducing PCE concentrations in soil vapor and groundwater to concentrations which will not pose a future threat to human health or the environment.
- Interim engineering controls for potential soil vapor intrusion into future at-grade residential units in proximity to the PCE soil gas plume.
- Management of soil excavated and groundwater encountered during future development, if any.

7.0 LIMITATIONS

This Report has been prepared in accordance with generally accepted environmental practices for similar soil gas and groundwater sampling conducted at this time and in this geographic area. No other guarantees or warranties, express or implied are provided.

The soil and groundwater sampling and testing program was intended to provide evaluation of contamination for specific compounds, at specific locations, and depths, and at specific times. The soil and groundwater sampling scope was not exhaustive, and may not have revealed contamination that may be present at locations (horizontal or vertical) other than those explored, sampled and analyzed. Also, this scope of work is not intended to predict future on-Site or off-Site conditions.

It is understood by the parties hereto that the Client who has requested this investigation and sampling will use the results for the stated purpose and no other purpose. No other use or disclosure is intended by Consultant. Client agrees to hold Consultant harmless for any inverse condemnation or devaluation of said property that may result if the Consultant's report or information generated is used for other purposes.

8.0 REFERENCES

AllWest Environmental, 2010, Summary Report - Remedial Soil Excavation Activities, 761 Sebastopol Rd, Santa Rosa, California; January 19.

Amicus-Strategic Environmental Consulting, 2010, Removal Action Summary Report, 761 Sebastopol Road, Santa Rosa, California, March 4.

APEX Envirotech, Inc., 2009, Fourth Quarter 2008 and First Quarter 2009 Groundwater Monitoring Report and Soil Boring Advancement Results Report, Former Roseland Cleaners, 761 Sebastopol Road, Santa Rosa, California; May 7.

California North Coast Regional Water Quality Control Board, 2002, California Water Code Section 13267 Order Regarding Former Dry Cleaners at 761 Sebastopol Road, CA, Roseland Cleaners, Case No. 1NSR403, November 8.

California San Francisco Regional Water Quality Control Board, 2016, Environmental Screening Levels, Direct Exposure Human Health Risk Level, Table S-1; and Tier 1 Screening Levels, February.

California North Coast Regional Water Quality Control Board, 2016a, Email from Robert Dickerson to HLENV and SCCDC, May 25.

California North Coast Regional Water Quality Control Board, 2016b, Path Forward to Redevelopment, Roseland Village Neighborhood Center Project; December 29.

California North Coast Regional Water Quality Control Board, 2017, Work Plan Concurrence, Roseland Cleaners, 761 Sebastopol Road, Santa Rosa, Case 1NSR403, March 3.

California Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office (HERO), Note 3, DTSC-Modified Screening Levels (DTSC-SL), August 2017.

Harris & Lee Environmental Sciences, LLC (HLENV), 2010a, Phase I Environmental Site Assessment, 665 Sebastopol Road, Santa Rosa, California; June 18.

HLENV, 2010b, Work Plan for Additional Site Characterization and Expansion of Groundwater Monitoring; November 22.

TransTech Consultants, 2010, 2nd Quarter 2010 Monitoring Report, 761 Sebastopol Road, Santa Rosa, California; August 3.

HLENV, 2011a, Report: Additional Site Characterization, 761 Sebastopol Road, Santa Rosa, California; January 27.

HLENV, 2011b, Report: Monitoring Well Installation, Development, Survey, and September 29, 2011 Quarterly Event, 761 Sebastopol Road, Santa Rosa, California; December 12.

HLENV, 2012, Work Plan and Health & Safety Plan: Additional Source Area Soil Excavation, 761 Sebastopol Road, Santa Rosa, California; September 11. [includes 2011 Geoprobe results]

HLENV, 2015a, Additional Soil Excavation at Former Roseland Cleaners, 761 Sebastopol Rd, Santa Rosa, California; October 13.

HLENV, 2015b, Report: Ambient Air and Soil Vapor Sampling, 761 Sebastopol Rd, Santa Rosa, California; November 3. [former warehouse area]

HLENV, 2016a, Soil Gas and Limited Shallow Soil Sampling Report, 761 Sebastopol Rd, Santa Rosa, California; August 19.

HLENV, 2016b, Draft Feasibility Study of Remedial Actions, 761 Sebastopol Rd, Santa Rosa, California; October 4.

HLENV, 2016c, Sensitive Receptor Survey Report, 761 Sebastopol Road, Santa Rosa, California; October 12.

HLENV, 2016d, Groundwater Monitoring, September 2016, 761 Sebastopol Road, Santa Rosa, California; October 27.

HLENV, 2016e, Work Plan for Additional Investigation: CPT Groundwater and Soil Gas Sampling, 761 Sebastopol Rd, Santa Rosa, California; November 17.

HLENV, 2017, Sensitive Receptor Survey Report Amendment, Former Roseland Cleaners, 761 Sebastopol Road, Santa Rosa, California; September 7.

PES Environmental, Inc., 2002a, Remedial Investigation Report, Roseland Area HVOC Investigation, Santa Rosa, California, February 14.

PES Environmental, Inc., 2002b, Data Transmittal Report, Potential Source Area Investigations: 700 Sebastopol Road and Contiguous Properties at 759, 761, & 765 Sebastopol Road, Roseland Area HVOC Investigation, Santa Rosa, California; March 29.

APPENDIX A

SUMMARY OF HISTORICAL DATA

Historical Groundwater Monitoring Event Results

Current and historical groundwater monitoring results are included in Tables 3 and 4. Results of both current and historical laboratory analyses (2003 to 2017) for the groundwater samples from monitoring wells indicate the following:

- Historical groundwater monitoring results indicate the PCE plume is stable and decreasing in concentration in the vicinity of the former dry cleaner (Figures A-1 and A-2).

- Nine chemicals have been reported above laboratory reporting limits in the monitoring well groundwater samples: PCE, TCE, cis-1,2 DCE, Freon-12, MTBE, carbon tetrachloride, chloroform, chloromethane, and acetone. Chloromethane and acetone were both reported at low concentrations during one monitoring event only, and were likely laboratory contaminants.

- Only four of the chemicals were reported at concentrations above their respective WQO screening level: PCE, TCE, MTBE, and carbon tetrachloride. These four chemicals are discussed below.

- PCE has consistently been reported at concentrations above the WQO screening level of 0.06 µg/L since monitoring was initiated in shallow wells MW-1, MW-2, MW-3, and MW-6, and in deep well MW-3D. PCE was also reported slightly above the WQO screening level in new deep well MW-5D in July 2017. PCE has never been reported in shallow well MW-5 and deep well MW-2D. PCE was only reported once in 2003 in shallow well MW-4, and once in 2017 in deep well MW-1D.

- The maximum PCE concentration reported in the monitoring wells was 1,500 µg/L. This concentration was reported in well MW-2 in September 2003, the first groundwater monitoring event. PCE concentrations in this well decreased an order of magnitude in the following 10 years, and have ranged from 190 µg/L to 410 µg/L in the last five years. The graph of historical concentrations in this well, presented as Figure A-1, shows the decreasing trend in well MW-2 since monitoring began in September 2003.

- The monitoring well with the second highest PCE concentrations is well MW-6, located just over 200 feet southwest (downgradient) from the former dry cleaner building. PCE has been reported in this monitoring well at concentrations ranging from 12 µg/L to

35 µg/L. A graph of historical concentrations in this well, presented as Figure A-2, shows a consistently decreasing trend since monitoring began in September 2011.

- PCE is present in the upper deep zone primarily in monitoring well MW-3D, located just over 350 feet southwest (downgradient) of the former dry cleaning building. Concentrations of PCE in this well have remained fairly stable since monitoring began in September 2011, with concentrations ranging from 11 µg/L to 19 µg/L.

- TCE has been reported only in shallow wells MW-2 and MW-3. The maximum concentration of TCE was 4.5 µg/L in well MW-2 in 2003. This concentration is only slightly above the WQO screening level of 1.7 µg/L. TCE was last detected in this well in 2012, and has been below laboratory reporting limits since that time. TCE has been intermittently reported in well MW-3 at concentrations below the WQO, and has not been reported above laboratory reporting limits since January 2014.

- MTBE has been reported only in deep wells MW-1D and MW-2D. The maximum concentration of MTBE was 65 µg/L in well MW-2D. This concentration was reported in September 2016, and MTBE concentrations appear to be increasing in this well. Well MW-1D has been reported with low concentrations of MTBE, ranging from below reporting limits to 4.5 µg/L.

- Carbon tetrachloride has only been reported in one monitoring well (MW-1D) one time (December 2015). The concentration reported of 1.1 µg/L was just above the reporting limit of 1.0 µg/L at that time, and above the WQO screening level of 0.1 µg/L.

Historical Soil Sample Results

Historical soil sample results have been provided in this report for completeness. All historical soil sample results are summarized in this Appendix (Tables A-1 and A-2) with one exception. Analytical results for confirmation soil samples from the initial excavation in 2009 were below reporting limits, and are not listed (Amicus-Strategic Environmental Consulting, 2010).

Borings where soil samples were collected in the vicinity of the former dry cleaner building are shown on Figure A-3 along with analytical results for PCE. Confirmation soil sample locations and results for the 2015 soil excavation are shown on Figure A-4. Locations and results for shallow soil samples collected in 2016 are shown on Figure A-5.

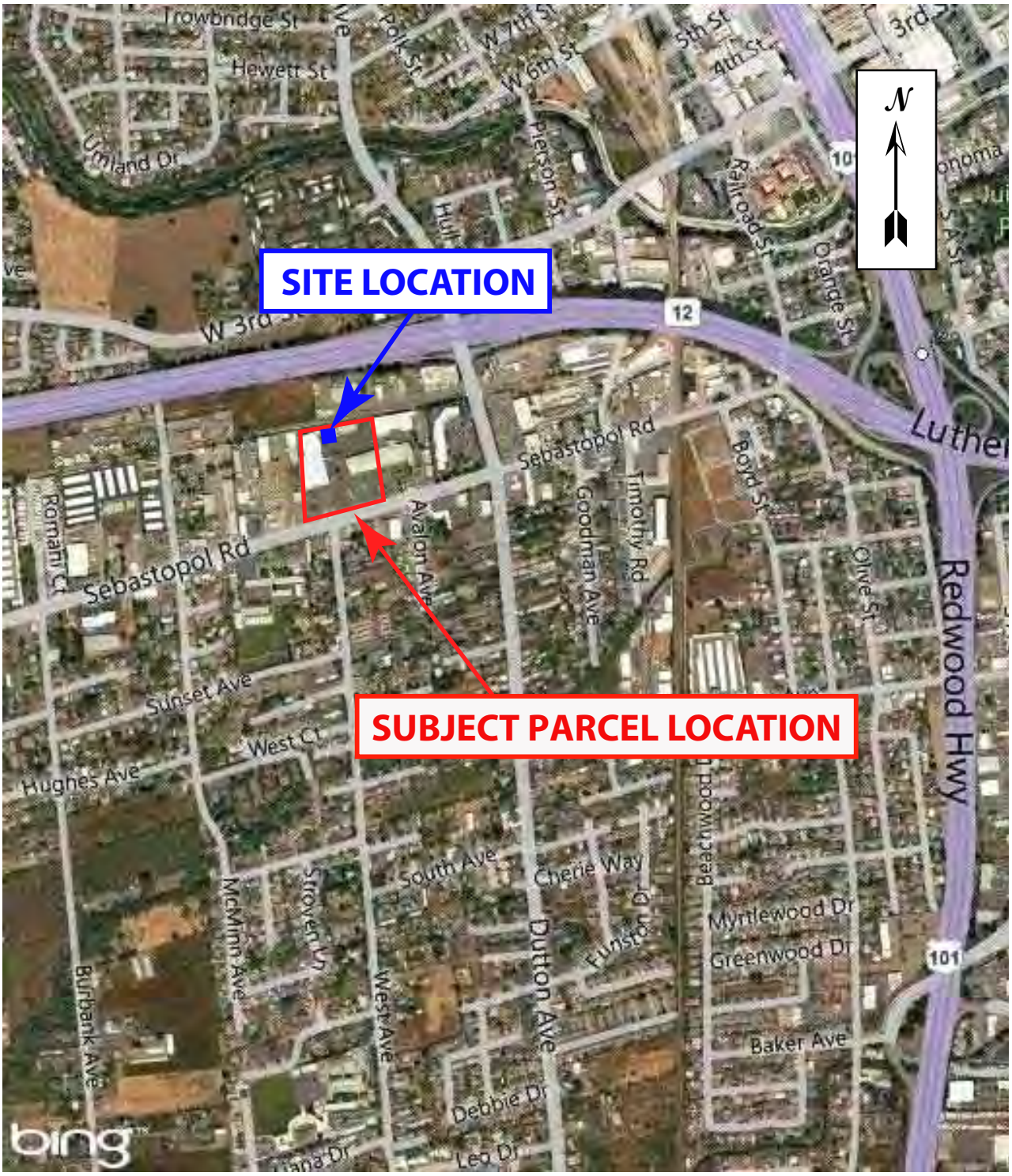
Analytical results for historical soil samples indicate the following:

- Ten chemicals have been reported above laboratory reporting limits in the soil samples: PCE, Freon-12, benzene, n-propylbenzene, ethylbenzene; toluene, xylenes, naphthalene, TCA, and TMB.

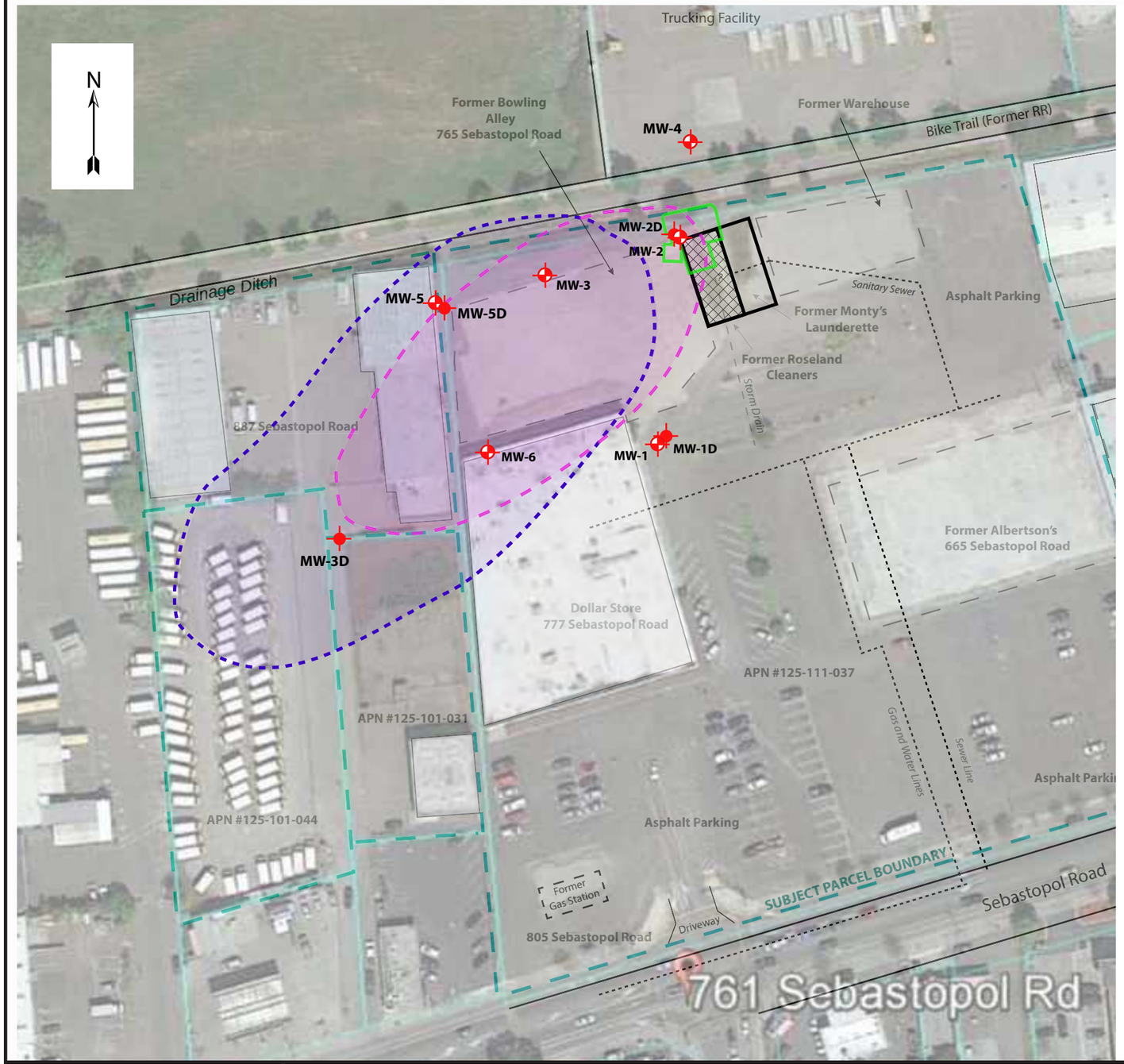
- None of these chemicals were reported at concentrations above their respective DTSC-SL for either residential or commercial use.

- PCE was reported at a maximum concentration of 200 µg/kg, which is below the residential DTSC-SL of 590 µg/kg. This sample location was removed during excavation, as the target clean-up level for PCE in soil was 20 µg/kg.

- The maximum remaining concentration of PCE in soil is 70 µg/kg. This sample location, EX-14-15.0, was located at the bottom of the 2015 excavation at the groundwater table interface, and further excavation was not possible. This concentration is well below the residential DTSC-SL of 590 µg/kg.



Harris & Lee Environmental Sciences, LLC	**SITE LOCATION MAP** Former Roseland Cleaners 761 Sebastopol Road Santa Rosa, California	**FIGURE 1** **OCTOBER 2017**



LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- PARCEL BOUNDARY (APPROXIMATE)
- MW-1 — SHALLOW ZONE MONITORING WELL (INSTALLED 2003, 2005, and 2011)
- MW-1D — DEEP ZONE MONITORING WELL (INSTALLED 2005, 2011, and 2017)
- APPROXIMATE EXTENT OF 2009 AND 2015 SOIL EXCAVATIONS
- APPROXIMATE EXTENT OF PCE (ABOVE LABORATORY REPORTING LIMIT OF 1.0 MICROGRAM PER LITER [µG/L]) IN SHALLOW ZONE GROUNDWATER
- APPROXIMATE EXTENT OF PCE (ABOVE LABORATORY REPORTING LIMIT OF 1.0 µG/L) IN DEEP ZONE GROUNDWATER

Notes:
1. Shallow zone defined as materials between 5 and 25 feet below ground surface (bgs).
2. Deep zone defined as materials between 25 and 70 feet bgs.

0 100

APPROXIMATE SCALE IN FEET

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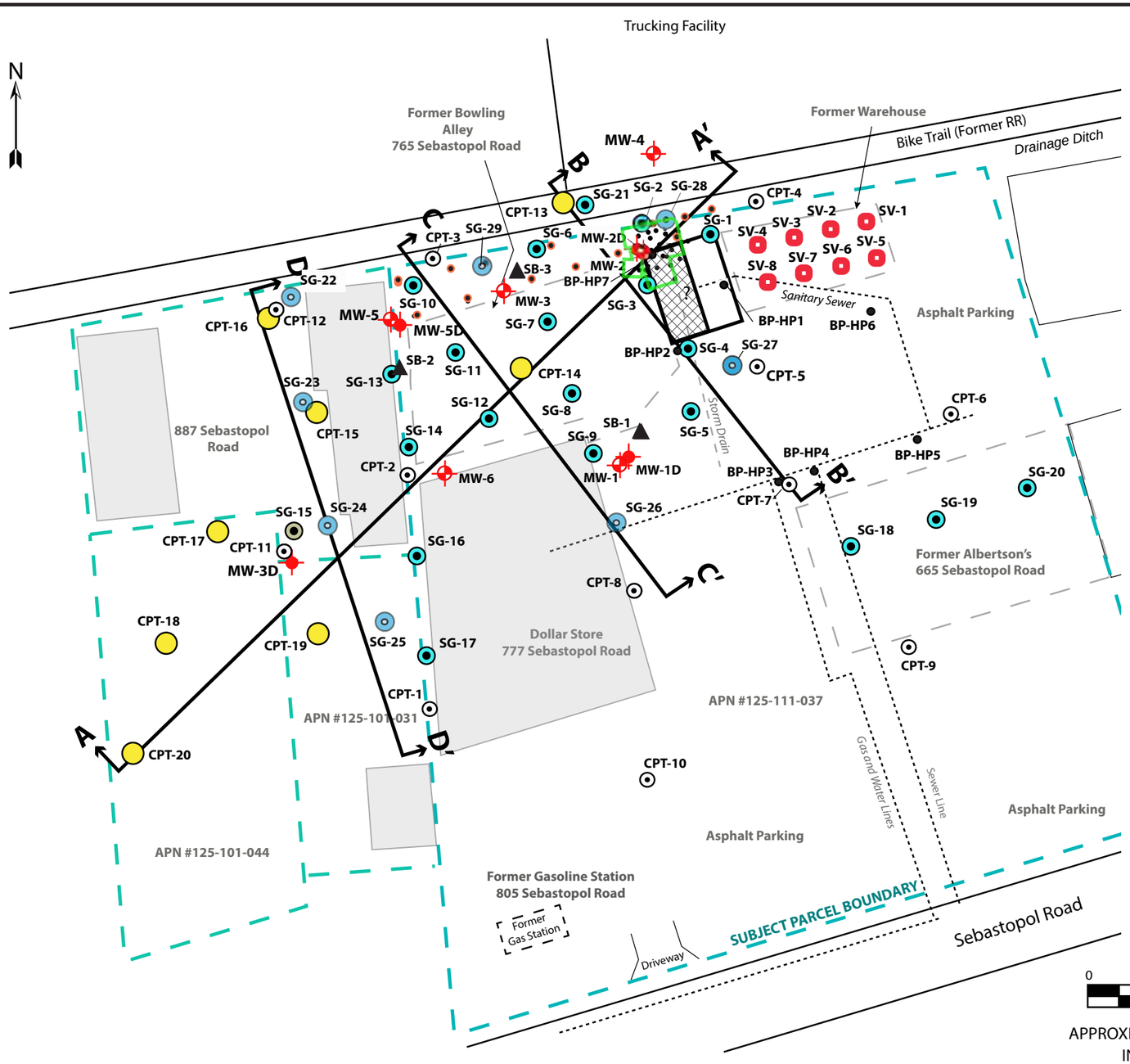
SITE MAP
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 2

OCTOBER 2017



LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- PARCEL BOUNDARY (APPROXIMATE)
- MW-1 — SHALLOW ZONE MONITORING WELL (INSTALLED 2003, 2005, and 2011)
- MW-1D — DEEP ZONE MONITORING WELL (INSTALLED 2005, 2011, and 2017)
- APPROXIMATE EXTENT OF 2009 AND 2015 EXCAVATIONS
- CPT-1 — CONE PENETROMETER TESTING (CPT) LOCATION (JANUARY 2011)
- CPT-16 — CPT/GRAB-GROUNDWATER SAMPLING LOCATION (JULY 2017)
- BP-HP1 — SHALLOW SOIL BORING (2002)
- SB-1 — DEEPER SOIL BORING (DECEMBER 2008)
- GEOPROBE SOIL SAMPLING LOCATION (2012)
- SV-1 — SOIL GAS SAMPLING LOCATION (OCTOBER 2015)
- SG-1 — SOIL GAS SAMPLING LOCATION (AUGUST 2016)
- SG-15 — INACCESSIBLE SOIL GAS SAMPLING LOCATION (AUGUST 2016)
- SG-22 — SOIL GAS SAMPLING LOCATION (JULY 2017)
- A — A' GEOLOGIC CROSS-SECTION TRANSECT

Notes:
1. See Appendix A for additional soil samples collected during remedial excavation.
2. Shallow zone defined as materials between 5 and 25 feet below ground surface (bgs).
3. Deep zone defined as materials between 25 and 70 feet bgs.

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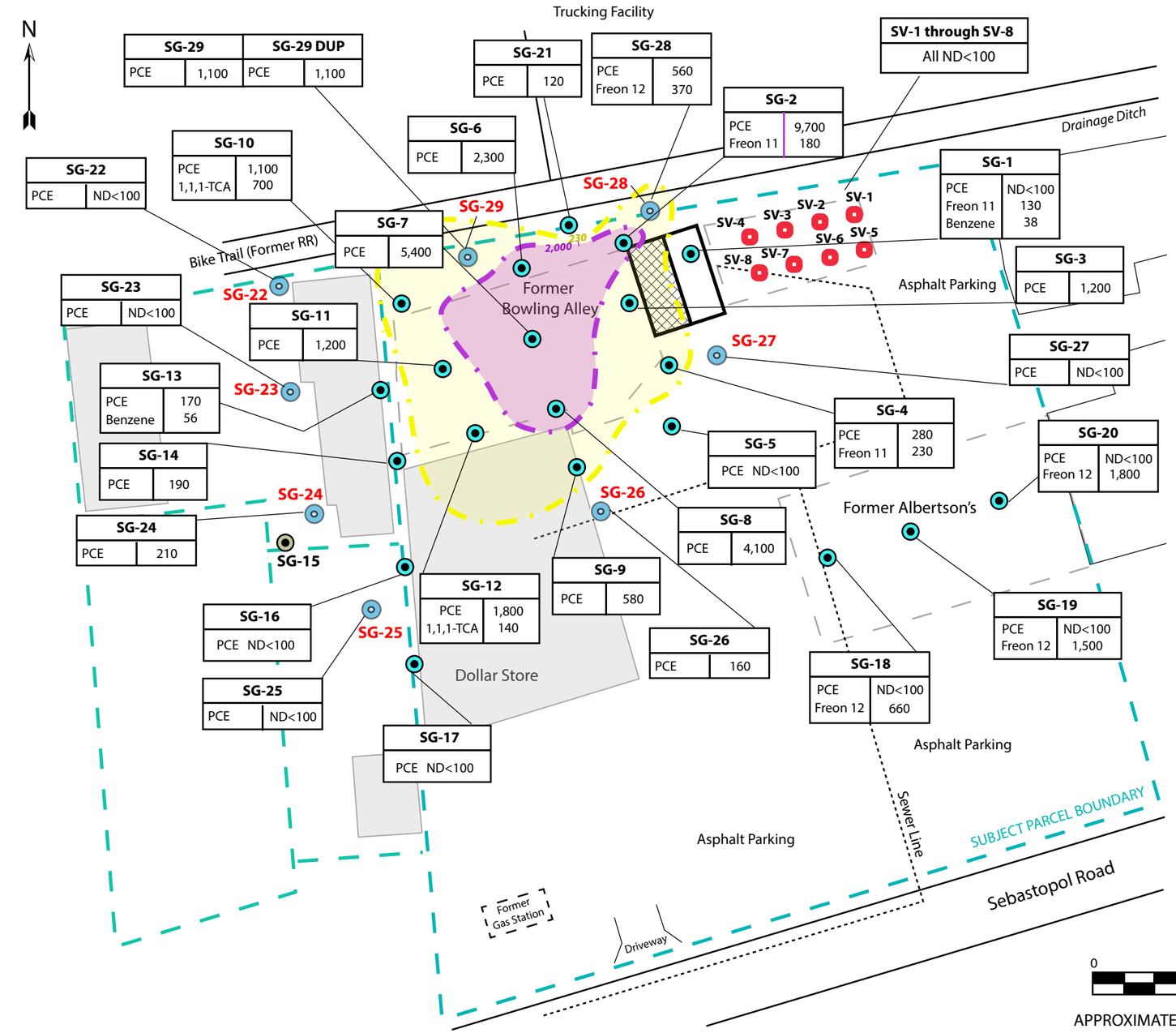
SUMMARY OF SAMPLING LOCATIONS

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 3

OCTOBER 2017



Sources: HLENV; Soil Gas and Limited Shallow Soil Sampling Report, August 19, 2016.
HLENV; Ambient Air and Soil Vapor Sampling (report), November 3, 2015

LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- PARCEL BOUNDARY
- SV-1 — SOIL GAS SAMPLING LOCATION (OCTOBER 2015)
- SG-1 — SOIL GAS SAMPLING LOCATION (DETECTED CHEMICAL CONCENTRATIONS IN MICROGRAMS PER CUBIC METER [µg/M³]) (AUGUST 2016)
- SG-15 — INACCESSIBLE SOIL GAS SAMPLING LOCATION (AUGUST 2016)
- SG-25 — SOIL GAS SAMPLING LOCATION (DETECTED CHEMICAL CONCENTRATIONS IN µg/M³) (JULY 2017)
- APPROXIMATE EXTENT OF PCE IN SOIL GAS EXCEEDING RESIDENTIAL CALIFORNIA HUMAN HEALTH SCREENING LEVEL (DTSC SL) OF 230 µg/M³
- APPROXIMATE EXTENT OF PCE IN SOIL GAS EXCEEDING COMMERCIAL CALIFORNIA HUMAN HEALTH SCREENING LEVEL (DTSC SL) OF 2,000 µg/M³

NOTES:
1. PCE = Tetrachloroethene.
2. 1,1,1-TCA = 1,1,1-Trichloroethane.
3. Freon 11 = Dichlorofluoromethane.
4. Freon 12 = Dichlorodifluoroethane.
5. Samples collected on August 2 and 3, 2016 and July 21, 2017 analyzed by a mobile analytical laboratory using EPA Method 8260B.
6. California Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office (HERO), HERO Human Health Risk Assessment (HHRA) Note Number 7, Current Resident and Commercial Soil Gas Screening Levels, October 17, 2016.
7. ND = Chemical not detected at or above reporting limit shown.
8. Additional soil gas samples were collected in 2011 from borings CPT-1, -2, 3, -4, -7, -8, -9, -10, and -11 at a depth of approximately 6 feet bgs (see Figure 3 for locations). PCE was not detected in these samples (HLENV, 2011a).

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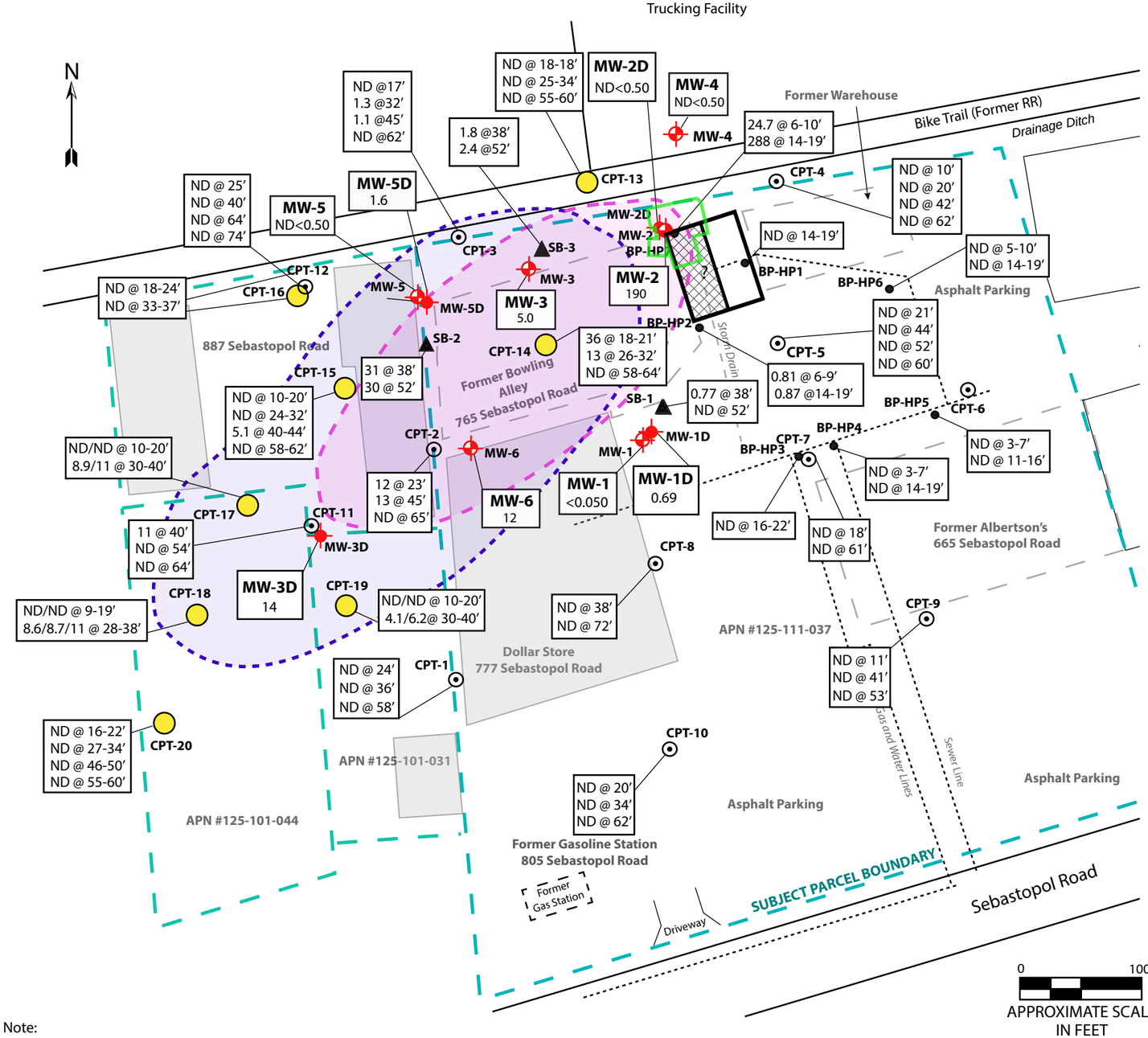
SOIL GAS SAMPLING RESULTS AUGUST 2016 AND JULY 2017

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 4

OCTOBER 2017



LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- PARCEL BOUNDARY (APPROXIMATE)
- MW-1 — SHALLOW ZONE MONITORING WELL (INSTALLED 2003, 2005, and 2011)
- MW-1D — DEEP ZONE MONITORING WELL (INSTALLED 2005, 2011, and 2017)
- APPROXIMATE EXTENT OF 2009 AND 2015 SOIL EXCAVATIONS
- CPT-1 — CONE PENETROMETER TESTING (CPT) LOCATION (JANUARY 2011)
- CPT-16 — CPT/GRAB-GROUNDWATER SAMPLING LOCATION (JULY 2017)
- DEEPER SOIL BORING (DECEMBER 2008)
- INITIAL SOIL BORING (JANUARY 2002)
- 11 @ 40′ / ND @ 54′ / ND @ 64′ — SUMMARY OF GRAB-GROUNDWATER ANALYTICAL RESULTS FOR TETRACHLOROETHENE (PCE) IN GROUNDWATER, WITH SAMPLING DEPTH PRESENTED. UNITS ARE IN MICROGRAMS PER LITER (µg/L). ND = NOT DETECTED AT OR ABOVE REPORTING LIMIT OF 0.50 µg/L IN 2002, 2008, AND 2017; AND 1.0 µg/L IN 2011.
- MW-2D / ND<1.0 — GROUNDWATER MONITORING WELL ANALYTICAL RESULTS FOR PCE (JULY 2017). UNITS ARE IN µg/L. ND = NOT DETECTED AT OR ABOVE REPORTING LIMIT OF 0.50 µg/L.
- APPROXIMATE EXTENT OF PCE (ABOVE 1.0 µg/L) IN SHALLOW ZONE GROUNDWATER
- APPROXIMATE EXTENT OF PCE (ABOVE 1.0 µg/L) IN DEEP ZONE GROUNDWATER

Notes:
1. Shallow zone defined as materials between 5 and 25 feet below ground surface (bgs).
2. Deep zone defined as materials between 25 and 70 feet bgs.

Note:
1. Volatile organic compounds (VOCs) analyzed using U.S. EPA Test Method 8260B.

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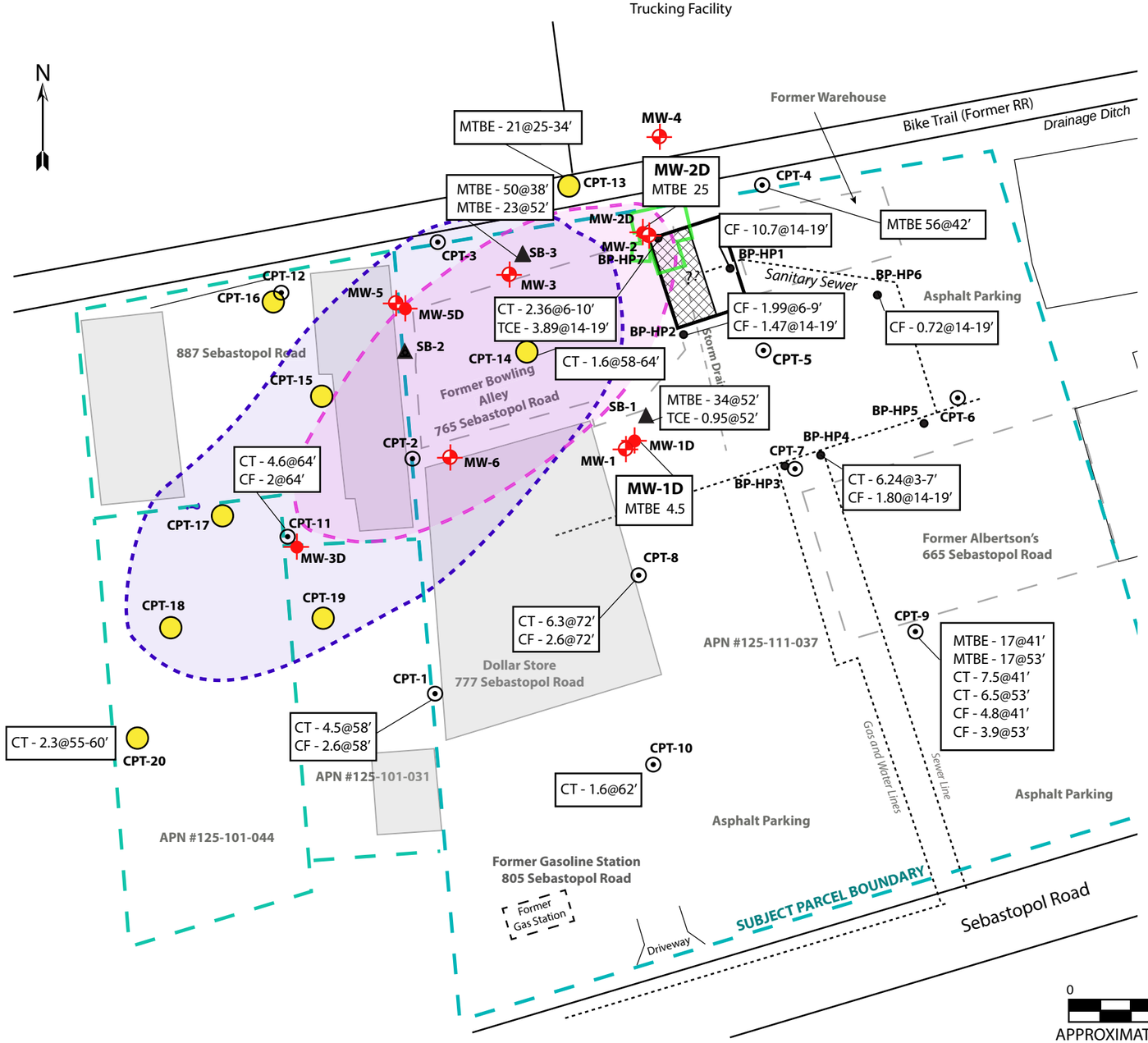
GROUNDWATER SAMPLE ANALYTICAL RESULTS FOR TETRACHLOROETHENE

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 5

OCTOBER 2017



LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- PARCEL BOUNDARY (APPROXIMATE)
- MW-1 — SHALLOW ZONE MONITORING WELL (INSTALLED 2003, 2005, and 2011)
- MW-1D — DEEP ZONE MONITORING WELL (INSTALLED 2005, 2011, and 2017)
- APPROXIMATE EXTENT OF 2009 AND 2015 SOIL EXCAVATIONS
- CPT-1 — CONE PENETROMETER TESTING (CPT) LOCATION (JANUARY 2011)
- CPT-16 — CPT/GRAB-GROUNDWATER SAMPLING LOCATION (JULY 2017)
- DEEPER SOIL BORING (DECEMBER 2008)
- INITIAL SOIL BORING (JANUARY 2001)
- CT - 6.3@72' — SUMMARY OF CPT GROUNDWATER ANALYTICAL RESULTS FOR CHEMICALS OTHER THAN PCE DETECTED ABOVE WQO. SAMPLING DEPTH PRESENTED IN FEET. UNITS ARE IN MICROGRAMS PER LITER (µg/L). ND = NOT DETECTED AT OR ABOVE REPORTING LIMIT OF 0.50 µg/L IN 2002, 2008, AND 2017; AND 1.0 µg/L IN 2011.
- MW-2D / MTBE 25 — GROUNDWATER MONITORING WELL ANALYTICAL RESULTS FOR CHEMICALS OTHER THAN PCE DETECTED ABOVE WQO IN JULY 2017. UNITS ARE IN µg/L. ND = NOT DETECTED AT OR ABOVE REPORTING LIMIT OF 0.5 µg/L.
- APPROXIMATE EXTENT OF PCE (ABOVE LABORATORY REPORTING LIMIT OF 1.0 µg/L IN SHALLOW ZONE GROUNDWATER
- APPROXIMATE EXTENT OF PCE (ABOVE LABORATORY REPORTING LIMIT OF 1.0 µg/L) IN DEEP ZONE GROUNDWATER

Notes:
1. Volatile organic compounds (VOCs) analyzed using U.S. EPA Test Method 8260B.
2. Shallow zone defined as materials between 5 and 25 feet below ground surface (bgs).
3. Deep zone defined as materials between 25 and 70 feet bgs.

PCE = Tetrachloroethene
TCE = Trichloroethene
MTBE = Methyl Tert-Butyl Ether
CT = Carbon Tetrachloride
CF = Chloroform
WQO = North Coast Regional Water Quality Control Board Water Quality Objectives

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GROUNDWATER SAMPLE ANALYTICAL RESULTS FOR OTHER CHEMICALS DETECTED ABOVE WQO

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 6

OCTOBER 2017

LEGEND

SUSPECT FILL AND/OR HAND AUGERED INTERVAL

COARSE MATERIAL (GRAVEL, SAND, and SAND/SILT MIXTURES)

FINE MATERIAL (SILT AND CLAY); INCLUDES VERY DENSE STIFF SOIL

GROUNDWATER ELEVATION MEASURED IN WELL ON JULY 21, 2017

12 PCE CONCENTRATIONS IN GROUNDWATER IN MICROGRAMS PER LITER (µG/L). ANALYTICAL RESULTS FROM JULY 2017 FOR CPT-13 THROUGH CPT-20, AND FOR MONITORING WELLS; ANALYTICAL RESULTS FROM JANUARY 2011 FOR CPT-1 AND CPT-12.

210 PCE CONCENTRATIONS IN SOIL GAS IN MICROGRAMS PER CUBIC METER (µG/M^3). ANALYTICAL RESULTS FROM AUGUST 2016 FOR SG-1 THROUGH SG-21; ANALYTICAL RESULTS FROM JULY 2017 FOR SG-22 THROUGH SG-29.

UNIFIED SOIL CLASSIFICATION SYSTEM

COARSE-GRAINED SOILS (more than 50% of material is larger than No. 200 sieve size)			
GRAVELS More than 50% of coarse fraction larger than No. 4 sieve size	**Clean Gravels (less than 5% fines)**		
		GW	Well-graded gravels, gravel-sand mixtures, little or no fines
		GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines
	Gravels with fines (more than 12% fines)		
		GM	Silty gravels, gravel-sand mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
SANDS 50% or more of coarse fraction smaller than No. 4 sieve size	**Clean Sands (less than 5% fines)**		
		SW	Well-graded sands, gravelly sands, little or no fines
		SP	Poorly-graded sands, gravelly sands, little or no fines
	Sands with fines (more than 12% fines)		
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS (more than 50% of material is smaller than No. 200 sieve size)			
SILTS AND CLAYS Liquid limit less than 50%		**ML**	Inorganic silts and very fine sands, rock flour, silit or clayey fine sands, or clayey silts, silts with slight plasticity
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
		OL	Organic silts and organic silty clays of low plasticity
SILTS AND CLAYS Liquid limit 50% or greater		**MH**	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic soils
		CH	Inorganic clays of high plasticity, fat clays
HIGHLY ORGANIC SOILS		**OH**	Organic clays of medium to high plasticity, organic silts
		PT	Peat and other highly organic soils

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GEOLOGIC CROSS-SECTION LEGEND
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 7a

OCT 2017

A
SOUTHWEST

Cross-Section D-D'

Cross-Section C-C'

Cross-Section B-B'

A'
NORTHEAST

ELEVATION (FEET NAVD)

150
140
130
120
110
100
90
80

SHALLOW ZONE RANGES FROM APPROXIMATELY 5 TO 25 FEET BELOW GROUND SURFACE

DEEP ZONE RANGES FROM APPROXIMATELY 25 TO 70 FEET BELOW GROUND SURFACE

CPT-20
CPT-18 (Proj. 48'SE)
CPT-19 (Proj. 32'NW)
MW-3D (Proj. 22'SE)
CPT-11 (Proj. 30'SE)
SG-24 (Proj. 22 SE)
SG-16 (Proj. 40'NW)
CPT-2 (Proj. 8'SE)
SG-14 (Proj. 22'SE)
MW-6 (Proj. 10'NW)
SG-12 (Proj. 8 NW)
CPT-14 (Proj. 8'SE)
SG-7 (Proj. 18'SE)
SG-3 (Proj. 18'NW)
MW-2 (Proj. 5'SE)
MW-2D
SG-2 (Proj. 23'SE)
SG-28 (Proj. 10'SE)
SG-1 (Proj. 20'NW)
CPT-4 (Proj. 30'NW)

210
ND
190
1,800
5,400
1,200
9,700
560
ND

Fill
CL
SP-GP
CL
GP
CL-ML
CL-CH
SM
GM
SW
GC
ML
SC
CL
SP

131.19' msl
131.59' msl
133.13' msl
132.03' msl

ND
8.6
4.1
12
36
13
190
11

TD = 50'
TD = 50'
TD = 42'
TD = 25'
TD = 25'
TD = 54'
TD = 65'
TD = 60'
TD = 70'
TD = 70'
TD =60'

Feet
10
0
0
Feet
50

Approximate Horizontal Scale: 1 inch = 50 Feet
Approximate Vertical Scale: 1 inch = 10 Feet

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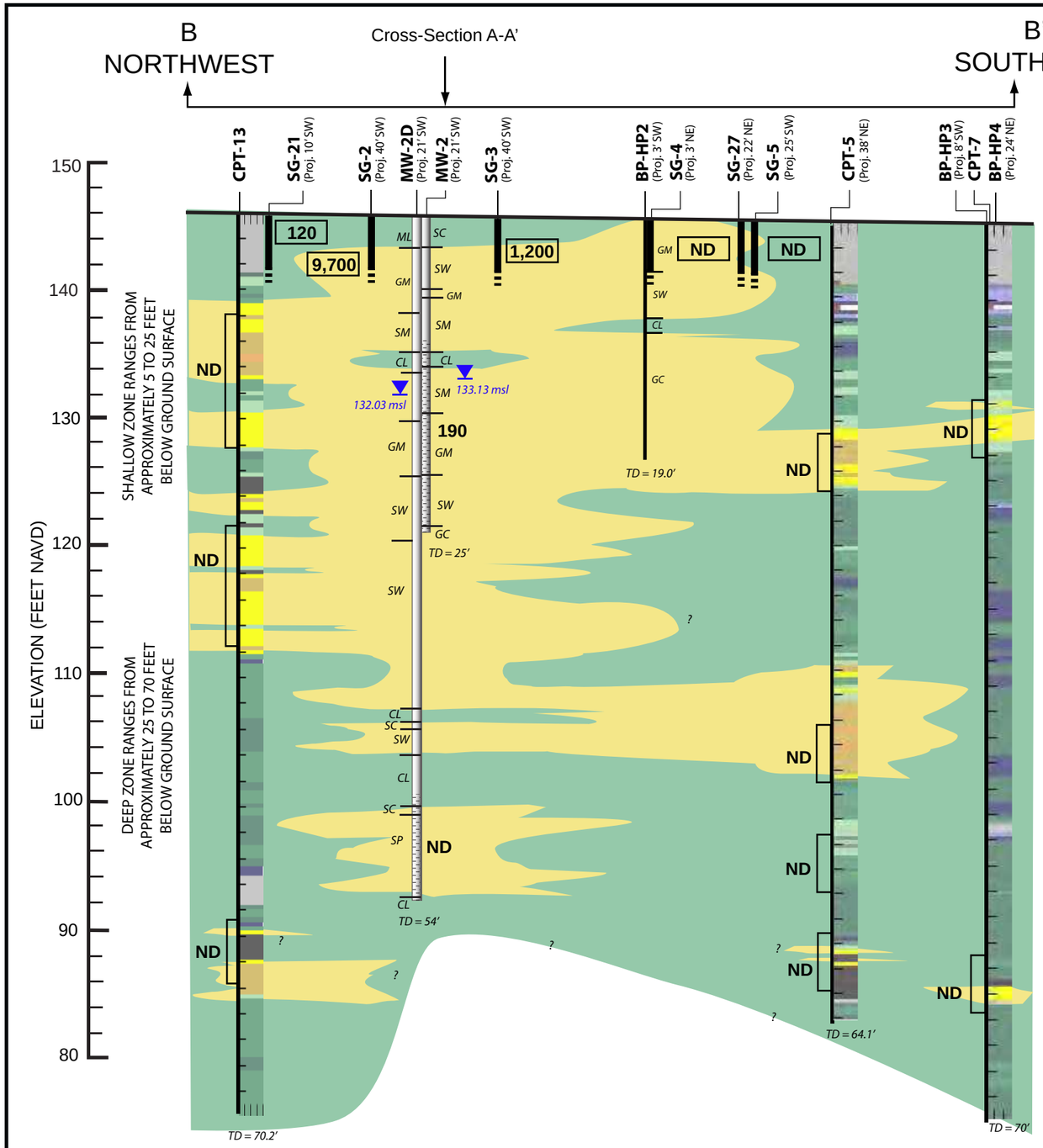
Environmental Sciences, LLC

GEOLOGIC CROSS-SECTION A-A'

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

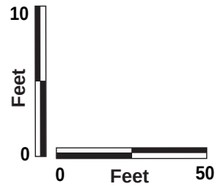
FIGURE 7

OCTOBER 2017



LEGEND

- SUSPECT FILL AND/OR HAND AUGERED INTERVAL
- COARSE MATERIAL (GRAVEL, SAND, and SAND/SILT MIXTURES)
- FINE MATERIAL (SILT AND CLAY); INCLUDES VERY DENSE STIFF SOIL
- GROUNDWATER ELEVATION MEASURED IN WELL ON JULY 21, 2017
- **190** — PCE CONCENTRATIONS IN GROUNDWATER IN MICROGRAMS PER LITER (µG/L). ANALYTICAL RESULTS FROM JULY 2017 FOR CPT-13 THROUGH CPT-20, AND FOR MONITORING WELLS; ANALYTICAL RESULTS FROM JANUARY 2011 FOR CPT-1 AND CPT-12.
- **1,200** — PCE CONCENTRATIONS IN SOIL GAS IN MICROGRAMS PER CUBIC METER (µG/M^3). ANALYTICAL RESULTS FROM AUGUST 2016 FOR SG-1 THROUGH SG-21; ANALYTICAL RESULTS FROM JULY 2017 FOR SG-22 THROUGH SG-29.



Approximate Horizontal Scale: 1 inch = 50 Feet
Approximate Vertical Scale: 1 inch = 10 Feet

Drawn by: TMH

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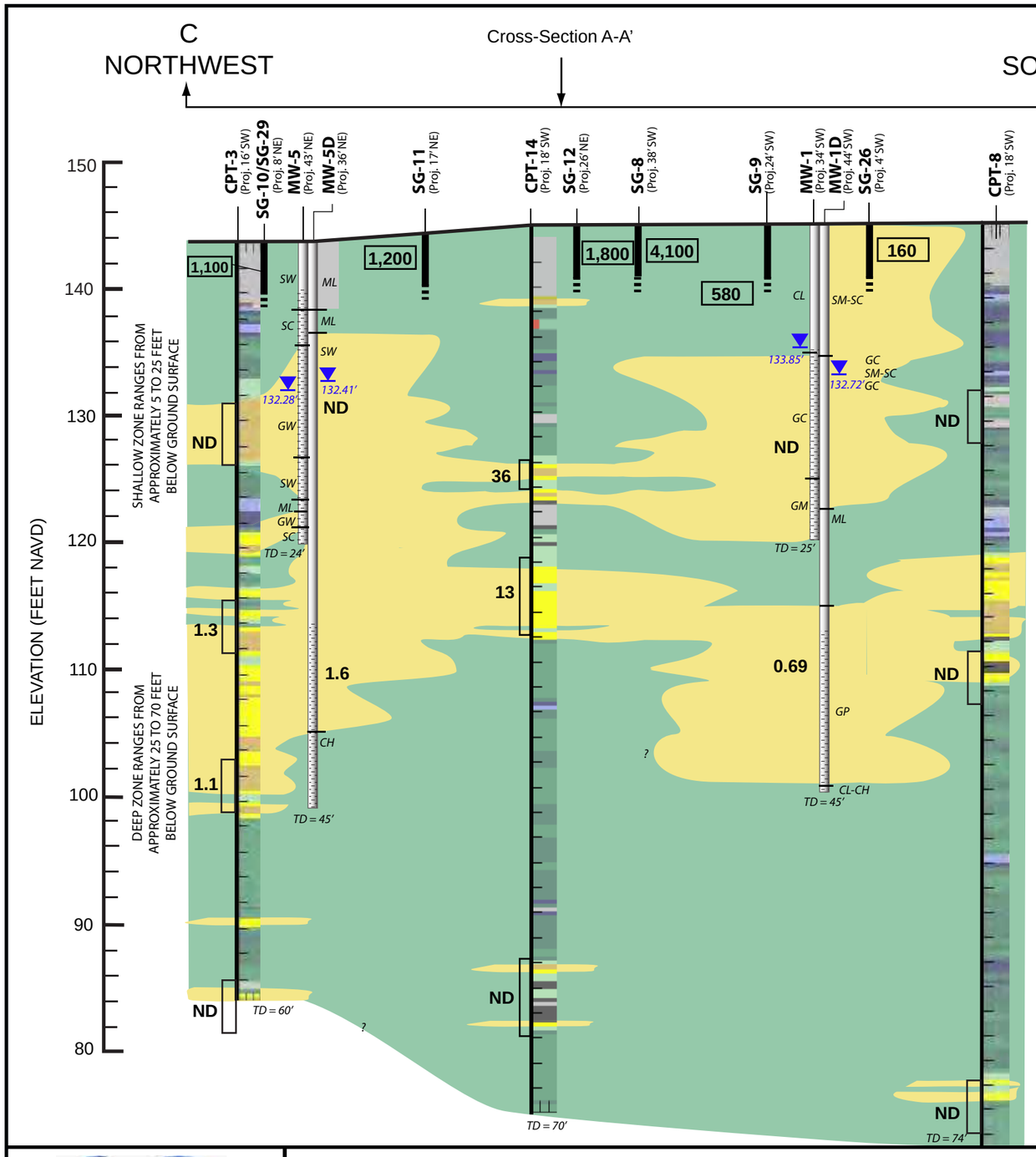
GEOLOGIC CROSS-SECTION B-B'

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

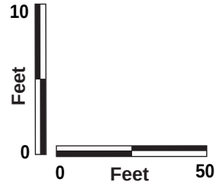
FIGURE 8

OCTOBER 2017



LEGEND

- SUSPECT FILL AND/OR HAND AUGERED INTERVAL
- COARSE MATERIAL (GRAVEL, SAND, AND SAND/SILT MIXTURES)
- FINE MATERIAL (SILT AND CLAY); INCLUDES VERY DENSE STIFF SOIL
- GROUNDWATER ELEVATION MEASURED IN WELL ON JULY 21, 2017
- 36 — ANALYTICAL RESULTS FROM JULY 2017 FOR CPT-13 THROUGH CPT-20, AND FOR MONITORING WELLS; ANALTICAL RESULTS FROM JANUARY 2011 FOR CPT-1 AND CPT-12.
- 1,200 — PCE CONCENTRATIONS IN SOIL GAS IN MICROGRAMS PER CUBIC METER (µG/M^3). ANALYTICAL RESULTS FROM AUGUST 2016 FOR SG-1 THROUGH SG-21; ANALYTICAL RESULTS FROM JULY 2017 FOR SG-22 THROUGH SG-29.



Approximate Horizontal Scale: 1 inch = 50 Feet
Approximate Vertical Scale: 1 inch = 10 Feet

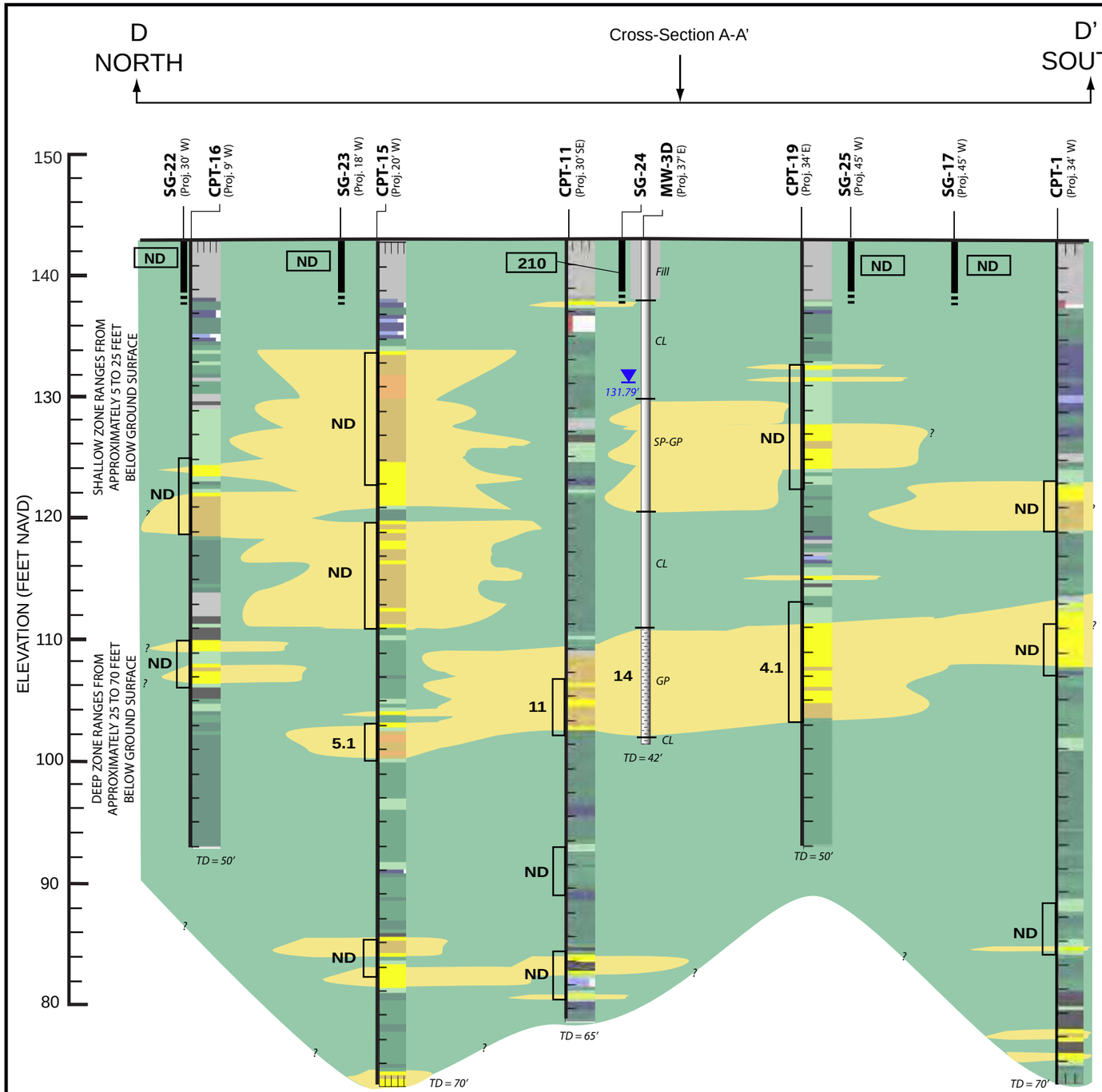
Drawn by: TMH

Harris & Lee
Environmental Sciences, LLC

GEOLOGIC CROSS-SECTION C-C'
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

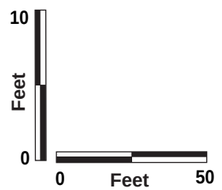
FIGURE 9

OCTOBER 2017



LEGEND

- SUSPECT FILL AND/OR HAND AUGERED INTERVAL
- COARSE MATERIAL (GRAVEL, SAND, and SAND/SILT MIXTURES)
- FINE MATERIAL (SILT AND CLAY); INCLUDES VERY DENSE STIFF SOIL; INCLUDES VERY DENSE STIFF SOIL
- GROUNDWATER ELEVATION MEASURED IN WELL ON JULY 21, 2017
- **14** — ANALYTICAL RESULTS FROM JULY 2017 FOR CPT-13 THROUGH CPT-20, AND FOR MONITORING WELLS; ANALTICAL RESULTS FROM JANUARY 2011 FOR CPT-1 AND CPT-12.
- **210** — PCE CONCENTRATIONS IN SOIL GAS IN MICROGRAMS PER CUBIC METER (µG/M³). ANALYTICAL RESULTS FROM AUGUST 2016 FOR SG-1 THROUGH SG-21; ANALYTICAL RESULTS FROM JULY 2017 FOR SG-22 THROUGH SG-29.



Approximate Horizontal Scale: 1 inch = 50 Feet
Approximate Vertical Scale: 1 inch = 10 Feet

Drawn by: TMH

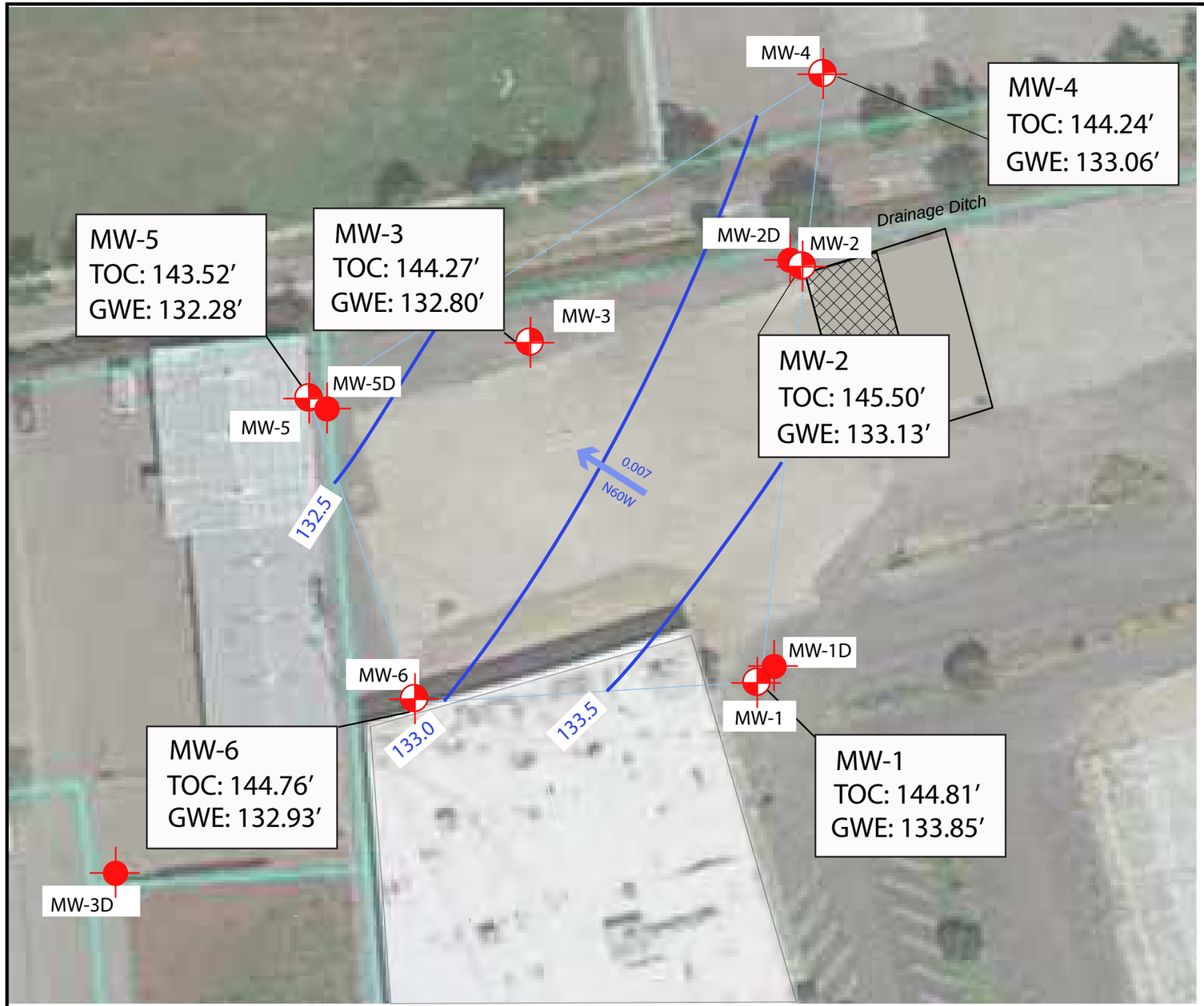
Harris & Lee
Environmental Sciences, LLC

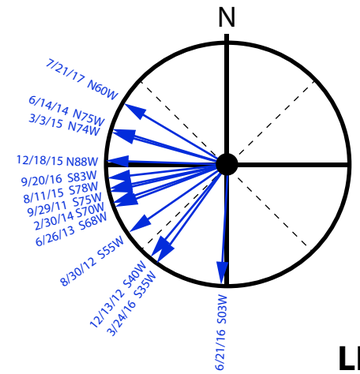
GEOLOGIC CROSS-SECTION D-D'

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 10

OCTOBER 2017





N

LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- SHALLOW MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION

145.01′ TOC = TOP OF CASING ELEVATION (FEET RELATIVE TO NAVD88). WELLS SURVEYED ON MARCH 9, 2017.

133.85′ GWE = GROUNDWATER ELEVATION; MEASURED FROM TOC

130.0 — POTENTIOMENTRIC SURFACE CONTOUR

0.007 N60W — GROUNDWATER GRADIENT (ft/ft) AND FLOW DIRECTION

Notes:
1. Shallow zone defined as materials between 5 and 25 feet below ground surface.

TOC = Top of Casing.

0 50

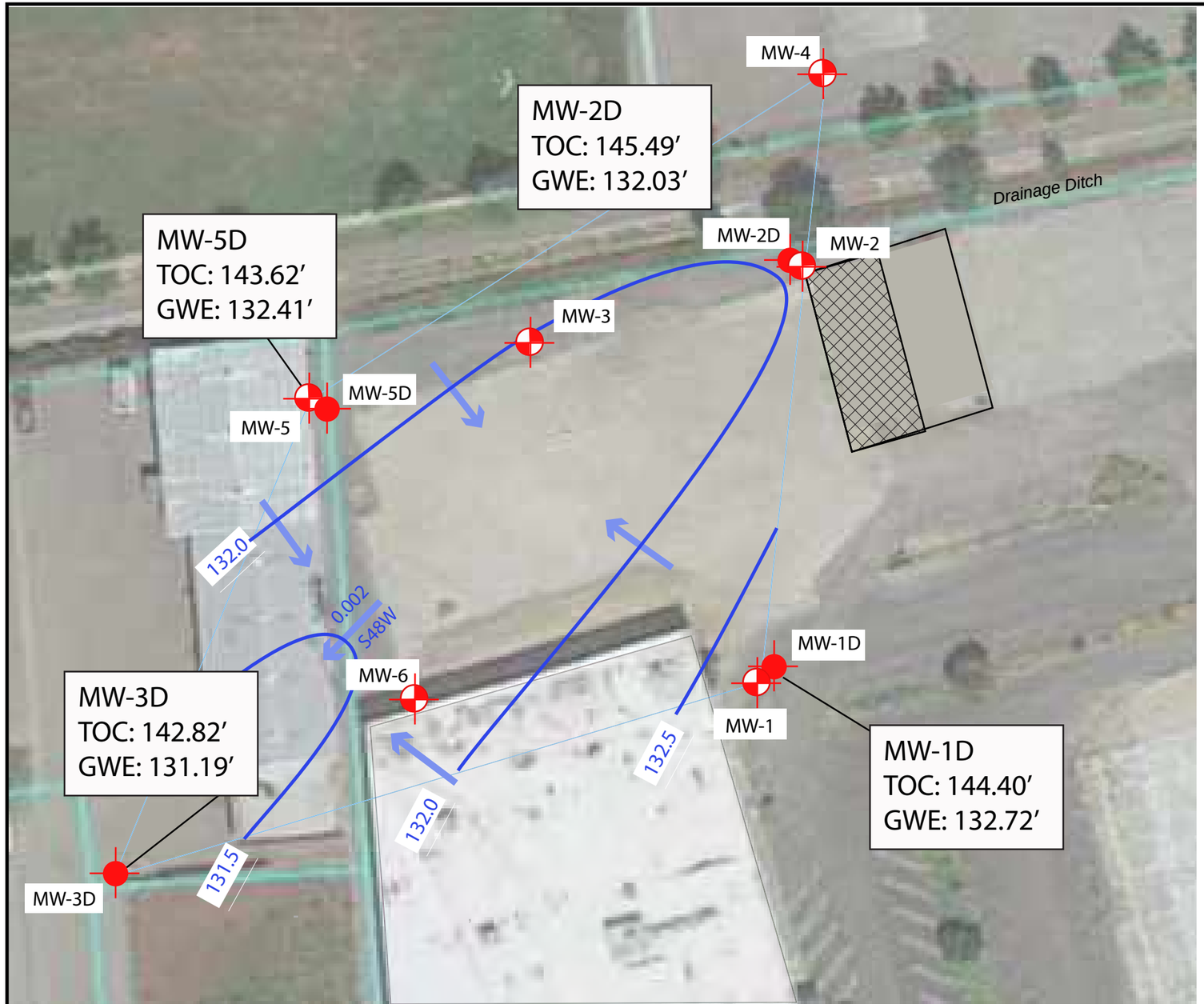
APPROXIMATE SCALE IN FEET

Harris & Lee
Environmental Sciences, LLC

SHALLOW GROUNDWATER GRADIENT MAP
JULY 21, 2017
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 11

OCTOBER 2017



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N

LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- SHALLOW MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- 145.01' TOC = TOP OF CASING ELEVATION (RELATIVE TO NAVD88); WELLS SURVEYED ON MARCH 9, 2017
- 132.72' GWE = GROUNDWATER ELEVATION; MEASURED FROM TOC
- 132.0 POTENTIOMENTRIC SURFACE CONTOUR
- 0.002 S48W GROUNDWATER GRADIENT (ft/ft) AND FLOW DIRECTION

Notes:
1. Deep zone defined as materials between 25 and 70 feet below ground surface.

TOC = Top of Casing.

0 50

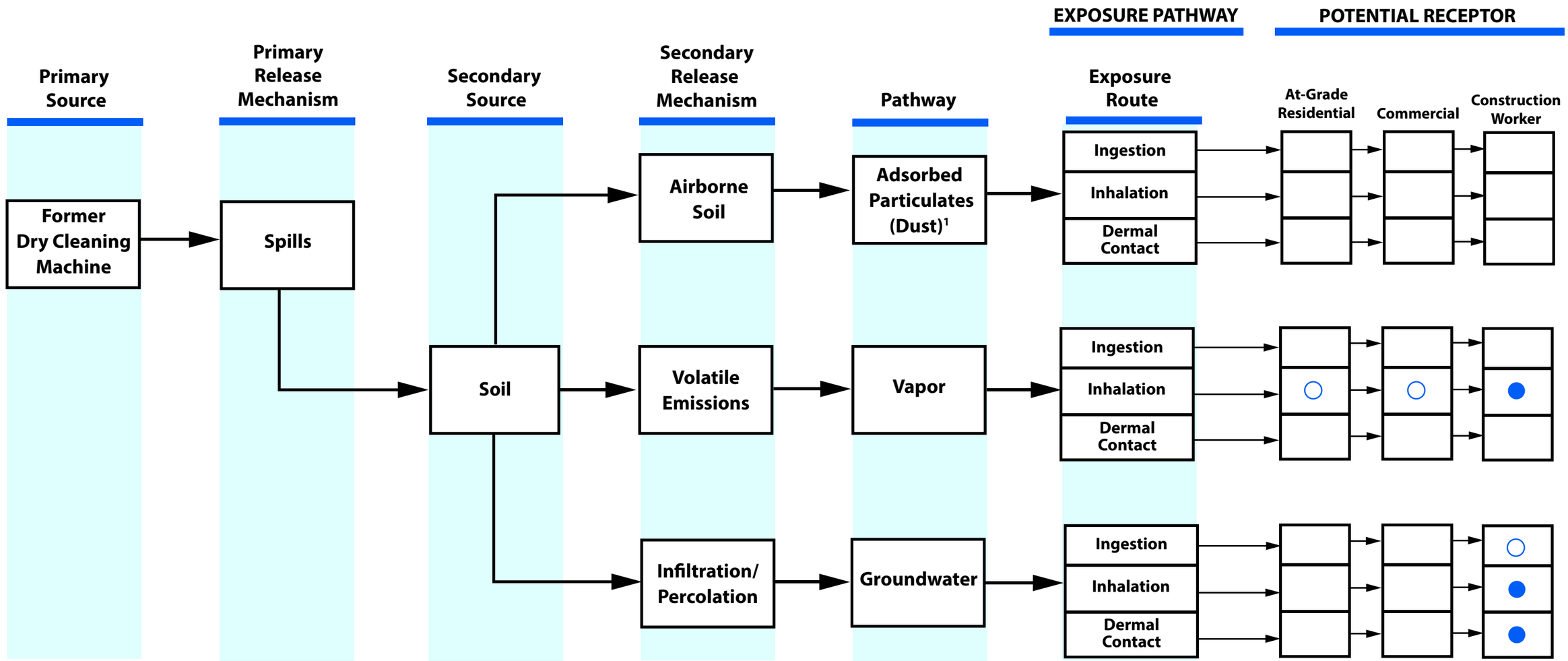
APPROXIMATE SCALE IN FEET

Harris & Lee
Environmental Sciences, LLC

DEEP GROUNDWATER GRADIENT MAP
JULY 21, 2017
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 12

OCTOBER 2017



LEGEND

☐	INCOMPLETE EXPOSURE PATHWAY	○	ASSUME POTENTIAL EXPOSURE WILL BE MITIGATED BY LANDSCAPING, BUILDING FOUNDATIONS, ENGINEERING CONTROLS, OR LAND USE CONTROLS.
●	COMPLETE EXPOSURE PATHWAY	1	DUST IS NOT EXPECTED TO BE A COMPLETE EXPOSURE PATHWAY AS SOIL CONCENTRATIONS ARE BELOW SCREENING LEVELS FOR ALL RECEPTORS.

Harris & Lee
Environmental Sciences, LLC

CONCEPTUAL SITE MODEL CHART

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE 13

OCTOBER 2017

Table 1
Summary of Chemicals Detected in Soil Gas Samples, 2015-2017
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Sample ID	Sample Date	Compounds Detected (µg/m^3)				
		PCE	TCA	Freon 12	Freon 11	Benzene
SV-1	10/21/2015	ND<100	ND<100	ND<100	ND<100	ND<35
SV-2	10/21/2015	ND<100	ND<100	ND<100	ND<100	ND<35
SV-3	10/21/2015	ND<100	ND<100	ND<100	ND<100	ND<35
SV-4	10/21/2015	ND<100	ND<100	ND<100	ND<100	ND<35
SV-5	10/21/2015	ND<100	ND<100	ND<100	ND<100	ND<35
SV-6	10/21/2015	ND<100	ND<100	ND<100	ND<100	ND<35
SV-7	10/21/2015	ND<100	ND<100	ND<100	ND<100	ND<35
SV-8	10/21/2015	ND<100	ND<100	ND<100	ND<100	ND<35
SG-1	8/2/2016	ND<100	ND<100	ND<100	130	38
SG-2	8/2/2016	**9,700**	ND<100	ND<100	180	ND<35
SG-2 (dup)[1]	8/2/2016	**9,600**	ND<100	ND<100	190	ND<35
SG-2a (SUMMA) [2]	8/2/2016	**7,900**	ND<550	ND<500	ND<560	ND<320
SG-3	8/2/2016	**1,200**	ND<100	ND<100	ND<100	ND<35
SG-4	8/2/2016	**280**	ND<100	ND<100	230	ND<35
SG-5	8/2/2016	ND<100	ND<100	ND<100	ND<100	ND<35
SG-6	8/3/2016	**2,300**	ND<100	ND<100	ND<100	ND<35
SG-7	8/3/2016	**5,400**	ND<100	ND<100	ND<100	ND<35
SG-7 (dup)	8/3/2016	**5,300**	ND<100	ND<100	ND<100	ND<35
SG-8	8/3/2016	**4,100**	ND<100	ND<100	ND<100	ND<35
SG-9	8/2/2016	**580**	ND<100	ND<100	ND<100	ND<35
SG-10	8/3/2016	**1,100**	700	ND<100	ND<100	ND<35
SG-11	8/2/2016	**1,200**	ND<100	ND<100	ND<100	ND<35
SG-12	8/2/2016	**1,800**	140	ND<100	ND<100	ND<35
SG-13	8/3/2016	170	ND<100	ND<100	ND<100	**56**
SG-14	8/3/2016	190	ND<100	ND<100	ND<100	ND<35
SG-15	not accessible					

Table 1
Summary of Chemicals Detected in Soil Gas Samples, 2015-2017
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Sample ID	Sample Date	Compounds Detected (µg/m^3)				
		PCE	TCA	Freon 12	Freon 11	Benzene
SG-16	8/3/2016	ND<100	ND<100	ND<100	ND<100	ND<35
SG-17	8/3/2016	ND<100	ND<100	ND<100	ND<100	ND<35
SG-18	8/3/2016	ND<100	ND<100	660	ND<100	ND<35
SG-19	8/3/2016	ND<100	ND<100	1500	ND<100	ND<35
SG-20	8/3/2016	ND<100	ND<100	1800	ND<100	ND<35
SG-21	8/3/2016	120	ND<100	ND<100	ND<100	ND<35
SG-22	7/21/2017	ND<100	ND<100	ND<100	ND<100	ND<35
SG-23	7/21/2017	ND<100	ND<100	ND<100	ND<100	ND<35
SG-24	7/21/2017	210	ND<100	ND<100	ND<100	ND<35
SG-25	7/21/2017	ND<100	ND<100	ND<100	ND<100	ND<35
SG-26	7/21/2017	160	ND<100	ND<100	ND<100	ND<35
SG-27	7/21/2017	ND<100	ND<100	ND<100	ND<100	ND<35
SG-28	7/21/2017	**560**	ND<100	ND<100	370	ND<35
SG-29	7/21/2017	**1,100**	ND<100	ND<100	ND<100	ND<35
SG-29 (dup)	7/21/2017	**1,100**	ND<100	ND<100	ND<100	ND<35
SG-29 (SUMMA) [2,3]	7/21/2017	**1,400**	65	ND<49	ND<56	ND<32
DTSC-SL, Residential [4]		***230*** [5]	***500,000***	***NA***	***650,000***	***48.5***
DTSC-SL, Commercial [4]		***2,000*** [5]	***44,000,000***	***NA***	***5,300,000***	***420***
DTSC Note 3, Ambient Air, Residential [4]		***0.46***	***1,000***	***NA***	***1,300***	***0.097***
DTSC Note 3, Ambient Air, Commercial [4]		***2.0***	***4,400***	***NA***	***5,300***	***0.42***

Table 1
Summary of Chemicals Detected in Soil Gas Samples, 2015-2017
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Notes:

All samples collected by TEG Northern California, Inc. All samples analyzed in TEG Northern California Inc.'s onsite mobile laboratory at the time of sample collection, unless otherwise noted. All samples analyzed using U.S. EPA 8260B . Samples SG-1 through SG-21 were collected on August 2 &3, 2016. Samples SG-22 through SG-29 were collected on July 21, 2017.

All soil gas samples were collected at a depth of 5.0 feet to 6.0 feet below ground surface.

Compounds not listed above were not reported at or above laboratory reporting limits.

Leak check compound (1,1 difluoroethane) not reported at or above TEG's laboratory reporting limit of 10,000 µg/m3 and Analytical Sciences reporting limit of 54 µg/m3.

In addition to the soil vapor samples listed in this table, soil vapor samples were collected in 2011 from borings CPT-1, CPT-2, CPT-3, CPT-4, CPT-7, CPT-8, CPT-9, CPT-10, and CPT-11 at a depth of approximately 6 feet bgs. PCE was not detected in these samples (HLENV, 2011a).

PCE = tetrachloroethene

TCA = 1,1,1-trichloroethane

Freon 11 = trichlorofluoromethane

Freon 12 = dichlorodifluoromethane

$\mu g/m^3$= Micrograms per cubic meter

ND<17 Indicates chemical not detected at or above reporting limit

NA = Not available

BOLD indicates the analytical result exceeds the most conservative (residential) screening level.

[1] Field duplicate, analyzed by TEG Analytical at the time of sample collection.

[2] Field duplicate collected in a SUMMA cannister and analyzed by the offsite laboratory (Analytical Sciences) by EPA Method TO15.

[3] Additional compounds were reported in SG-29 by the off-site laboratory: 120 $\mu g/m^3$ toluene; 58 $\mu g/m^3$ ethylbenzene; and 730 $\mu g/m^3$ xylenes.

[4] California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO), Note 3, DTSC-Modified Screening Levels, August; Table 3, Screening Levels for Ambient Air (Cancer Endpoint for PCE and benzene, non-cancer endpoint for 1,1,1-TCA and Freon 11). An attenuation factor of 0.002 for "existing residential contaminant source", and 0.001 for "existing commercial contaminant source" was applied to the ambient air screening levels to derive the soil gas screening level, as recommended in DTSC's 2011 Vapor Intrusion Guidance, Table 2.

[5] Final DTSC-SL are in agreement with the Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO), Note 7, Human Health Risk Assessment, Updated DTSC Recommended Soil Gas Screening Levels for tetrachloroethylene, October 17, 2016.

Table 2
Summary of Chemicals Detected in Grab-Groundwater Samples
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Sample ID and Depth (in feet bgs)	Sample Date	Compounds Detected (µg/L)					
		PCE	MTBE	Carbon Tetrachloride	Freon 12	Chloroform	1,1-DCE
BP-HP1, 14-19	1/15/2002	ND<0.500 [1]	ND [2]	ND	ND<0.500	**10.7**	ND
BP-HP2, 6-9	1/15/2002	**0.810**	ND	ND	ND<0.500	**1.99**	ND
BP-HP2, 14-19	1/15/2002	**0.870**	ND	ND	ND<0.500	1.47	ND
BP-HP3, 16-22	1/15/2002	ND<0.500	ND	ND	12.5	ND<0.500	ND
BP-HP4, 3-7	1/16/2002	ND<0.500	ND	ND	ND<0.500	**6.24**	ND
BP-HP4, 14-19	1/16/2002	ND<0.500	ND	ND	0.910	**1.80**	ND
BP-HP5, 3-7	1/16/2002	ND<0.500	ND	ND	ND<0.500	ND<0.500	ND
BP-HP5, 11-16	1/16/2002	ND<0.500	ND	ND	ND<0.500	ND<0.500	ND
BP-HP6, 5-10	1/16/2002	ND<0.500	ND	ND	ND<0.500	ND<0.500	ND
BP-HP6, 14-19	1/16/2002	ND<0.500	ND	ND	ND<0.500	0.720	ND
BP-HP7, 6-10	1/16/2002	**24.7**	ND	ND	ND<0.500	**2.36**	ND
BP-HP7, 14-19	1/16/2002	**288**	ND	ND	ND<0.500	ND<0.500	ND
SB-1, 38	12/4/2008	**0.77**	2.3	ND	ND	ND<0.50	ND
SB-1, 52	12/4/2008	ND<0.50	**34**	ND	ND	0.73	ND
SB-2, 38	12/5/2008	**31**	ND<0.50	ND	ND	ND<0.50	ND
SB-2, 52	12/5/2008	**30**	ND<0.50	ND	ND	ND<0.50	ND
SB-3, 38	12/4/2008	**1.8**	**50**	ND	ND	ND<0.50	ND
SB-3, 52	12/4/2008	**2.4**	**23**	ND	ND	ND<0.50	ND
CPT-1@24	1/10/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-1@36	1/10/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-1@58	1/10/2011	ND<1.0	1.1	**4.5**	ND<1.0	**2.6**	ND<1.0
CPT-2@23	1/13/2011	**12**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-2@45	1/13/2011	**13**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-2@65	1/13/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-3@17	1/10/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-3@32	1/10/2011	**1.3**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-3@45	1/10/2011	**1.1**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-3@62	1/10/2011	ND<1.0	1.6	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-4@10	1/11/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-4@20	1/11/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-4@42	1/11/2011	ND<1.0	**56**	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 2
Summary of Chemicals Detected in Grab-Groundwater Samples
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Sample ID and Depth (in feet bgs)	Sample Date	Compounds Detected (µg/L)					
		PCE	MTBE	Carbon Tetrachloride	Freon 12	Chloroform	1,1-DCE
CPT-4@62	1/11/2011	ND<1.0	1.1	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-5@21	1/12/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-5@44	1/12/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-5@52	1/12/2011	ND<1.0	2.3	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-5@60	1/12/2011	ND<1.0	2.7	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-7@18	1/12/2011	ND<1.0	ND<1.0	ND<1.0	6.7	ND<1.0	ND<1.0
CPT-7@61	1/12/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-8@38	1/13/2011	ND<1.0	1.7	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-8@72	1/13/2011	ND<1.0	ND<1.0	**6.3**	7.4	**2.6**	ND<1.0
CPT-9@11	1/14/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-9@41	1/14/2011	ND<1.0	**17**	**7.5**	ND<1.0	**4.8**	ND<1.0
CPT-9@53	1/14/2011	ND<1.0	**17**	**7.5**	ND<1.0	**3.9**	ND<1.0
CPT-10@20	1/14/2011	ND<1.0	ND<1.0	ND<1.0	3.0	ND<1.0	ND<1.0
CPT-10@34	1/14/2011	ND<1.0	2.4	ND<1.0	4.3	ND<1.0	ND<1.0
CPT-10@62	1/14/2011	ND<1.0	ND<1.0	**1.6**	ND<1.0	ND<1.0	ND<1.0
CPT-11@40	1/17/2011	**11**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-11@54	1/17/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-11@64	1/17/2011	ND<1.0	3.9	**4.6**	11	**2**	ND<1.0
CPT-12@25	1/17/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-12@40 [3]	1/17/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	See Note 3
CPT-12@64	1/17/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-12@74	1/17/2011	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
CPT-13,8-18	7/26/2017	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-13,25-34	7/26/2017	ND<0.50	**21**	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-13, 55-60	7/26/2017	ND<0.50	1.9	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-14,18-21	7/25/2017	**36**	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-14, 26-32	7/25/2017	**13**	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-14, 58-64	7/25/2017	ND<0.50	4.1	**1.6**	2.1	1.3	ND<0.50
CPT-15, 10-20	7/24/2017	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-15, 24-32 [4]	7/24/2017	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
CPT-15, 40-44	7/24/2017	**5.1**	0.58	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2
Summary of Chemicals Detected in Grab-Groundwater Samples
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Sample ID and Depth (in feet bgs)	Sample Date	Compounds Detected (µg/L)					
		PCE	MTBE	Carbon Tetrachloride	Freon 12	Chloroform	1,1-DCE
CPT-15, 58-62	7/24/2017	ND<0.50	3.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-16, 18-24	7/26/2017	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-16, 33-37	7/26/2017	ND<0.50	0.81	ND<0.50	ND<0.50	ND<0.50	1.6
CPT-17,10-20	7/21/2017	ND<0.50 (ND<1.0)	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-17, 30-40	7/21/2017	**8.9 (11)** [5]	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-18, 9-19	7/21/2017	ND<0.50 (ND<1.0)	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-18, 28-38	7/21/2017	**8.6 (11)** [5]	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
DUP1 (CPT-18, 28-38) [6]	7/21/2017	**8.7**	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-19, 10-20	7/21/2017	ND<0.50 (ND<1.0)	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-19, 30-40	7/21/2017	**4.1 (6.2)** [5]	0.78	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-20, 16-22	7/25/2017	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-20, 27-34	7/25/2017	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
CPT-20, 46-50	7/25/2017	ND<0.50	ND<0.50	ND<0.50	2.3	ND<0.50	ND<0.50
CPT-20, 55-60	7/25/2017	ND<0.50	1.1	**2.3**	10	1.4	ND<0.50
Travel Blank	7/24/2017	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Travel Blank	7/31/2017 - 8/2/2017	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Water Quality Objective [7]		**0.06**	**5**	**0.1**	**NA**	**1.8**	**6**
California MCL [8]		***5.0***	***13*** [10]	***0.5***	***NA***	***NA***	***6***
SF-RWQCB ESL [9]		***3***	***5***	***0.22***	***NA***	***2.3***	***3.2***

Table 2
Summary of Chemicals Detected in Grab-Groundwater Samples
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Notes:
All samples were analyzed by EPA Method 8260B.
Results for CPT samples CPT-1 through CPT-12 originally reported in 2011 (HLENV, 2011a).
Results for samples from borings BP-HP1 through BP-HP7 originally reported in 2002 (PES Environmental, Inc, 2002). TCE was also reported in sample BP-HP7, 14-19 at 3.89 µg/L (below the WQO of 1.7 µg/L). Low to trace concentrations (<5.0 µg/L) of toluene, ethylbenzene, xylenes and 1,2,4-trimethylbenzene were also reported in some of these samples.
Results for samples from borings SB-1 through SB-3 originally reported in 2009 (APEX Envirotech, Inc., 2009). TCE was also detected in sample SB-1, 52 at 0.95 µg/L.
CPT samples collected in 2017 were analyzed by McCampbell Analytical of Martinez, California.

Compounds not listed above were not detected at or above laboratory reporting limits unless otherwise noted.
CPT = Cone Penetrometer Test, a direct-push geophysical testing and sample collection method.
PCE = tetrachloroethene
MTBE = methyl tert-butyl ether
Freon 12 = dichlorodifluoromethane
Chloroform = trichloromethane
1,1-DCE - 1,1-dichloroethene
µg/L - micrograms per liter
NA = Not Available
BOLD indicates the analytical result was above the Water Quality Objective.

[1] ND<0.50 Indicates chemical not detected at or above indicated reporting limit

[2] ND = not detected: reporting limit not readily available

[3] An additional compound, cis1,2-DCE, was reported at a concentration of 4.0 ug/L in CPT-12@40

[4] Sample from CPT-15, 24-32 was the consistency of sludge; therefore, the sample was analyzed as a solid and the reporting limit was higher.

[5] Results for duplicate CPT samples collected in 2017 and analyzed by the onsite laboratory (TEG-Northern California) at the time of collection are listed in parentheses after the McCampbell Analytical lab result. These samples were also analyzed by EPA Method 8260B (partial list).

[6] DUP-1 is a field duplicate sample analyzed by McCampbell Analytical.

[7] Water Quality Objective, Groundwater Water Quality Objectives for Cleanup Projects in the North Coast Region, as provided by the Water Board, September 2016.

[8] California MCL =Maximum Contaminant Limit for Drinking Water

[9] SF-RWQCB ESL = San Francisco Regional Water Quality Control Board Environmental Screening Levels, Tier 1 ESLs, February 2016

[10]The California Secondary MCL for MTBE is 5 ug/L.

Table 3
Summary of Shallow Groundwater Monitoring Results
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Groundwater Analytical Results for MW-1									
TOC Elevation 9/19/2011:			**144.31**			**TOC Elevation 3/9/2017:**			**144.81**
Date	Sample ID	DTW	Groundwater Elevation	PCE	TCE	cis-1,2 DCE	Freon-12	MTBE	Additional Analytes
9/12/2003	MW-1	12.72	Note 1	***3.2***	ND	ND	*0.86*	ND	ND
12/31/2003	MW-1	7.25	Note 1	***1.4***	ND	ND	ND	ND	ND
3/11/2004	MW-1	6.12	Note 1	***0.85***	ND	ND	ND	ND	ND
5/26/2004	MW-1	9.91	Note 1	ND	ND	ND	ND	ND	ND
8/11/2004	MW-1	12.87	Note 1	***1.8***	ND	ND	*0.63*	ND	ND
11/16/2004	MW-1	12.08	Note 1	***2.6***	ND	ND	*0.56*	ND	ND
1/9/2006	MW-1	4.95	Note 1	***1.0***	ND	ND	ND	ND	ND
5/25/2006	MW-1	7.41	Note 1	***0.55***	ND	ND	ND	ND	ND
9/12/2006	MW-1	12.59	Note 1	***1.2***	ND	ND	ND	ND	ND
11/15/2006	MW-1	11.2	Note 1	***0.69***	ND	ND	ND	NA	ND
2/15/2007	MW-1	7.79	Note 1	***0.76***	ND	ND	ND	NA	ND
5/30/2007	MW-1	9.82	Note 1	ND	ND	ND	ND	NA	ND
9/21/2007	MW-1	13.5	Note 1	***1.2***	ND	ND	ND	NA	ND
11/27/2007	MW-1	12.59	Note 1	***2.3***	ND	ND	ND	NA	*1.9* Chloromethane
2/18/2008	MW-1	5.66	Note 1	***1.5***	ND	ND	ND	NA	ND
5/19/2008	MW-1	10.46	Note 1	ND	ND	ND	ND	NA	ND
8/19/2008	MW-1	13.55	Note 1	***1.4***	ND	ND	ND	NA	ND
11/11/2008	MW-1	11.92	Note 1	***1.7***	ND	ND	ND	NA	ND
2/2/2009	MW-1	11.99	Note 1	***0.98***	ND	ND	ND	NA	ND
2/9/2010	MW-1	5.74	Note 1	ND	ND	ND	ND	ND	ND
6/22/2010	MW-1	8.88	Note 1	ND	ND	ND	ND	ND	ND
9/22/2010	MW-1	12.84	Note 1	ND	ND	ND	ND	ND	ND
9/29/2011	MW-1	12.81	131.50	ND	ND	ND	ND	ND	ND
3/20/2012	MW-1	7.22	137.09	ND	ND	ND	ND	ND	ND
8/30/2012	MW-1	13.11	131.20	***1.3***	ND	ND	ND	ND	ND
12/13/2012	MW-1	7.33	136.98	***1.2***	ND	ND	ND	ND	ND
6/26/2013	MW-1	10.29	134.02	ND	ND	ND	ND	ND	ND
1/30/2014	MW-1	14.78	129.53	**1.1**	ND	ND	ND	ND	ND
7/14/2014	MW-1	12	132.31	**1.1**	ND	ND	ND	ND	ND
3/3/2015	MW-1	8.33	135.98	ND	ND	ND	ND	ND	ND
8/11/2015	MW-1	13.78	130.53	**1.3**	ND	ND	ND	ND	ND
12/8/2015	MW-1	13.71	130.60	**1.4**	ND	ND	ND	ND	ND
3/24/2016	MW-1	5.52	138.79	**1.7**	ND	ND	ND	ND	ND
6/21/2016	MW-1	10.27	134.04	**ND**	ND	ND	ND	ND	ND
9/20/2016	MW-1	13.15	131.16	**1.6**	ND	ND	ND	ND	ND
7/21/2017	MW-1	10.96	133.85	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	10.0 Acetone

Table 3
Summary of Shallow Groundwater Monitoring Results
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Groundwater Analytical Results for MW-2									
TOC Elevation 9/19/2011:			**145.01**			**TOC Elevation 3/9/2017:**			**145.50**
Date	Sample ID	DTW	Groundwater Elevation	PCE	TCE	cis-1,2 DCE	Freon-12	MTBE	Additional Analytes
9/12/2003	MW-2	14.06	Note 1	***1500***	ND	ND	ND	ND	ND
12/31/2003	MW-2	7.31	Note 1	***810***	***4.5***	*0.88*	ND	ND	ND
3/11/2004	MW-2	6.82	Note 1	***1400***	ND	ND	ND	ND	ND
5/26/2004	MW-2	11.25	Note 1	***520***	***2.9***	ND	ND	ND	ND
8/11/2004	MW-2	14.22	Note 1	***790***	***3.3***	ND	ND	ND	ND
11/16/2004	MW-2	13.34	Note 1	***460***	***2.0***	ND	ND	ND	ND
1/9/2006	MW-2	5.36	Note 1	***550***	ND	ND	ND	ND	ND
5/25/2006	MW-2	8.48	Note 1	***450***	***2.7***	ND	ND	ND	ND
9/12/2006	MW-2	13.88	Note 1	***340***	***2.1***	ND	ND	ND	ND
11/15/2006	MW-2	12.02	Note 1	***410***	***2.4***	ND	ND	NA	ND
2/15/2007	MW-2	7.84	Note 1	***560***	***3.6***	ND	ND	NA	ND
5/30/2007	MW-2	10.89	Note 1	***300***	***2.5***	ND	ND	NA	ND
9/21/2007	MW-2	14.75	Note 1	***310***	***2.8***	*0.56*	ND	NA	ND
11/27/2007	MW-2	13.92	Note 1	***390***	***3.0***	*0.68*	ND	NA	*1.5* Chloromethane
2/18/2008	MW-2	6.18	Note 1	***350***	***3.1***	*0.54*	ND	NA	ND
5/19/2008	MW-2	11.81	Note 1	***210***	***2.4***	ND	ND	NA	ND
8/19/2008	MW-2	14.8	Note 1	***300***	***3.4***	*0.62*	ND	NA	ND
11/11/2008	MW-2	13.33	Note 1	***280***	***2.4***	ND	ND	NA	ND
2/2/2009	MW-2	13.43	Note 1	***250***	***3.0***	*0.54*	ND	NA	ND
2/9/2010	MW-2	5.91	Note 1	***310***	***2.2***	ND	ND	ND	ND
6/22/2010	MW-2	10.18	Note 1	***180***	***2.5***	ND	ND	ND	ND
9/22/2010	MW-2	14.21	Note 1	***540***	***3.7***	ND	ND	ND	ND
9/29/2011	MW-2	14.15	130.86	***290***	ND	ND	ND	ND	ND
3/21/2012	MW-2	7.75	137.26	***240***	***2.2***	ND	ND	ND	ND
8/30/2012	MW-2	12.77	132.24	***380***	ND	ND	ND	ND	ND
12/13/2012	MW-2	8.21	136.8	***490***	ND	ND	ND	ND	ND
6/26/2013	MW-2	10.57	134.44	***260***	ND	ND	ND	ND	ND
1/30/2014	MW-2	15.57	129.44	***240***	ND	ND	ND	ND	ND
7/14/2014	MW-2	13.33	131.68	***220***	ND	ND	ND	ND	ND
3/3/2015	MW-2	9.35	135.66	***410***	ND	ND	ND	ND	ND
8/11/2015	MW-2	14.98	130.03	**310**	ND	ND	ND	ND	ND
12/8/2015	MW-2	14.31	130.7	**390**	ND	ND	ND	ND	ND
3/24/2016	MW-2	6.13	138.88	**240**	ND	ND	ND	ND	ND
6/21/2016	MW-2	11.67	133.34	**160**	ND	ND	ND	ND	ND
9/20/2016	MW-2	14.58	130.43	**290**	ND	ND	ND	ND	ND
7/21/2017	MW-2	12.37	133.13	**190**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5

Table 3
Summary of Shallow Groundwater Monitoring Results
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Groundwater Analytical Results for MW-3									
TOC Elevation 9/19/2011:			**143.77**			**TOC Elevation 3/9/2017:**			**144.27**
Date	Sample ID	DTW	Groundwater Elevation	PCE	TCE	cis-1,2DCE	Freon-12	MTBE	Additional Analytes
9/12/2003	MW-3	13.06	Note 1	***16***	ND	ND	ND	ND	ND
12/31/2003	MW-3	6.11	Note 1	***3.5***	ND	ND	ND	ND	ND
3/11/2004	MW-3	5.72	Note 1	***2.9***	ND	ND	ND	ND	ND
5/26/2004	MW-3	10.25	Note 1	***12***	ND	ND	ND	ND	ND
8/11/2004	MW-3	13.27	Note 1	***16***	ND	ND	ND	ND	ND
11/16/2004	MW-3	12.44	Note 1	***16***	ND	ND	ND	ND	ND
1/9/2006	MW-3	4.22	Note 1	***2.0***	ND	ND	ND	ND	ND
5/25/2006	MW-3	7.56	Note 1	***5.8***	ND	ND	ND	ND	ND
9/12/2006	MW-3	12.95	Note 1	***13***	ND	ND	ND	ND	ND
11/15/2006	MW-3	11.3	Note 1	***8.6***	ND	ND	ND	NA	ND
2/15/2007	MW-3	6.85	Note 1	***2.1***	ND	ND	ND	NA	ND
5/30/2007	MW-3	10.13	Note 1	***9.3***	ND	ND	ND	NA	ND
9/21/2007	MW-3	13.84	Note 1	***15***	ND	ND	ND	NA	ND
11/27/2007	MW-3	13.01	Note 1	***24***	*0.59*	ND	ND	NA	ND
2/18/2008	MW-3	5.24	Note 1	***3.0***	ND	ND	ND	NA	*1.1* Chloroform
5/19/2008	MW-3	10.85	Note 1	***6.2***	ND	ND	ND	NA	*1.4* Chloroform
8/19/2008	MW-3	13.84	Note 1	***16***	*0.69*	ND	ND	NA	ND
11/11/2008	MW-3	12.37	Note 1	***12***	ND	ND	ND	NA	*0.66* Chloroform
2/2/2009	MW-3	12.53	Note 1	***14***	*0.59*	ND	ND	NA	ND
2/9/2010	MW-3	4.63	Note 1	***1.3***	ND	ND	ND	ND	ND
6/22/2010	MW-3	9.22	Note 1	***5.7***	ND	ND	ND	ND	ND
9/22/2010	MW-3	13.24	Note 1	***15***	ND	ND	ND	ND	ND
9/29/2011	MW-3	13.22	130.55	***12***	ND	ND	ND	ND	ND
3/20/2012	MW-3	6.74	137.03	***5.4***	ND	ND	ND	ND	ND
8/30/2012	MW-3	13.44	130.33	***16***	ND	ND	ND	ND	ND
12/13/2012	MW-3	6.89	136.88	***6.3***	ND	ND	ND	ND	ND
6/26/2013	MW-3	10.75	133.02	***14***	1.0	ND	ND	ND	ND
1/30/2014	MW-3	14.81	128.96	***16***	1.4	ND	ND	ND	ND
7/14/2014	MW-3	12.32	131.45	***10***	**ND**	ND	ND	ND	ND
3/3/2015	MW-3	8.36	135.41	***4.4***	**ND**	ND	ND	ND	ND
8/11/2015	MW-3	14.00	129.77	***14***	**ND**	ND	ND	ND	ND
12/8/2015	MW-3	13.92	129.85	**13**	ND	ND	ND	ND	ND
3/24/2016	MW-3	4.85	138.92	**1.9**	ND	ND	ND	ND	ND
6/21/2016	MW-3	10.77	133.00	**6.1**	ND	ND	ND	ND	ND
9/20/2016	MW-3	13.71	130.06	**13**	ND	ND	ND	ND	ND
7/21/2017	MW-3	11.47	132.80	**5.0**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5

Table 3
Summary of Shallow Groundwater Monitoring Results
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Groundwater Analytical Results for MW-4									
TOC Elevation 9/19/2011:			**143.73**			**TOC Elevation 3/9/2017:**			**144.24**
Date	Sample ID	DTW	Groundwater Elevation	PCE	TCE	cis-1,2DCE	Freon-12	MTBE	Additional Analytes
9/12/2003	MW-4	12.56	Note 1	***0.86***	ND	ND	ND	ND	ND
12/31/2003	MW-4	5.88	Note 1	ND	ND	ND	ND	ND	ND
3/11/2004	MW-4	5.22	Note 1	ND	ND	ND	ND	ND	ND
5/26/2004	MW-4	9.77	Note 1	ND	ND	ND	ND	ND	ND
8/11/2004	MW-4	12.78	Note 1	ND	ND	ND	ND	ND	ND
11/16/2004	MW-4	12.02	Note 1	ND	ND	ND	ND	ND	ND
1/9/2006	MW-4	3.70	Note 1	ND	ND	ND	ND	ND	ND
5/25/2006	MW-4	7.04	Note 1	ND	ND	ND	ND	ND	ND
9/12/2006	MW-4	12.48	Note 1	ND	ND	ND	ND	ND	ND
11/15/2006	MW-4	10.83	Note 1	ND	ND	ND	ND	NA	ND
2/15/2007	MW-4	6.51	Note 1	ND	ND	ND	ND	NA	ND
5/30/2007	MW-4	9.65	Note 1	ND	ND	ND	ND	NA	ND
9/21/2007	MW-4	13.30	Note 1	ND	ND	ND	ND	NA	ND
11/27/2007	MW-4	12.47	Note 1	ND	ND	ND	ND	NA	***1.0*** Chloromethane
2/18/2008	MW-4	5.03	Note 1	ND	ND	ND	ND	NA	ND
5/19/2008	MW-4	10.43	Note 1	ND	ND	ND	ND	NA	ND
8/19/2008	MW-4	13.31	Note 1	ND	ND	ND	ND	NA	ND
11/11/2008	MW-4	11.96	Note 1	ND	ND	ND	ND	NA	ND
2/2/2009	MW-4	12.07	Note 1	ND	ND	ND	ND	ND	ND
2/9/2010	MW-4	WELL INACCESSIBLE							
6/22/2010	MW-4	8.74	Note 1	ND	ND	ND	ND	ND	ND
9/22/2010	MW-4	12.75	Note 1	ND	ND	ND	ND	ND	ND
9/29/2011	MW-4	12.72	131.01	ND	ND	ND	ND	ND	ND
3/21/2012	MW-4	6.44	137.29	ND	ND	ND	ND	ND	ND
7/21/2017	MW-4	11.18	133.06	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5

Table 3
Summary of Shallow Groundwater Monitoring Results
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Groundwater Analytical Results for MW-5									
TOC Elevation 9/19/2011:			**143.01**			**TOC Elevation 3/9/2017:**			**143.52**
Date	Sample ID	DTW	Groundwater Elevation	PCE	TCE	cis-1,2DCE	Freon-12	MTBE	Additional Analytes
1/9/2006	MW-5	3.87	Note 1	ND	ND	ND	ND	ND	ND
5/25/2006	MW-5	7.30	Note 1	ND	ND	ND	ND	ND	ND
9/12/2006	MW-5	12.61	Note 1	ND	ND	ND	ND	ND	ND
11/15/2006	MW-5	11.05	Note 1	ND	ND	ND	ND	NA	ND
2/15/2007	MW-5	6.46	Note 1	ND	ND	ND	ND	NA	ND
5/30/2007	MW-5	9.90	Note 1	ND	ND	ND	ND	NA	ND
9/21/2007	MW-5	13.41	Note 1	ND	ND	ND	ND	NA	ND
11/27/2007	MW-5	12.62	Note 1	ND	ND	ND	ND	NA	***1.3*** Chloromethane
2/18/2008	MW-5	5.11	Note 1	ND	ND	ND	ND	NA	ND
5/19/2008	MW-5	10.61	Note 1	ND	ND	ND	ND	NA	ND
8/19/2008	MW-5	13.40	Note 1	ND	ND	ND	ND	NA	ND
11/11/2008	MW-5	11.97	Note 1	ND	ND	ND	ND	NA	ND
2/2/2009	MW-5	12.14	Note 1	ND	ND	ND	ND	ND	ND
2/9/2010	MW-5	4.15	Note 1	ND	ND	ND	ND	ND	ND
6/22/2010	MW-5	8.98	Note 1	ND	ND	ND	ND	ND	ND
9/22/2010	MW-5	12.88	Note 1	ND	ND	ND	ND	ND	ND
9/29/2011	MW-5	12.83	130.18	ND	ND	ND	ND	ND	ND
3/20/2012	MW-5	6.39	136.62	ND	ND	ND	ND	ND	ND
7/21/2017	MW-5	11.24	132.28	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5

Table 3
Summary of Shallow Groundwater Monitoring Results
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Groundwater Analytical Results for MW-6									
TOC Elevation 9/19/2011:			**144.26**			**TOC Elevation 3/9/2017:**			**144.76**
Date	Sample ID	DTW	Groundwater Elevation	PCE	TCE	cis-1,2DCE	Freon-12	MTBE	Additional Analytes
9/29/2011	MW-6	15.41	128.85	**35**	ND	ND	ND	ND	ND
3/21/2012	MW-6	12.45	131.81	***29***	ND	ND	ND	ND	ND
8/30/2012	MW-6	14.26	130	***22***	ND	ND	ND	ND	ND
12/13/2012	MW-6	12.01	132.25	***30***	ND	ND	ND	ND	ND
6/26/2013	MW-6	12.90	131.36	**28**	ND	ND	ND	ND	ND
1/30/2014	MW-6	14.75	129.51	**23**	ND	ND	ND	ND	ND
7/14/2014	MW-6	13.28	130.98	**30**	ND	ND	ND	ND	ND
3/3/2015	MW-6	10.78	133.48	**24**	ND	ND	ND	ND	ND
8/11/2015	MW-6	15.51	128.75	**28**	ND	ND	ND	ND	ND
12/8/2015	MW-6	NS	NS	NS	NS	NS	NS	NS	NS
3/24/2016	MW-6	5.97	138.29	**16**	ND	ND	ND	ND	ND
6/21/2016	MW-6	13.03	131.23	**16**	ND	ND	ND	ND	ND
9/20/2016	MW-6	14.98	129.28	**18**	ND	ND	ND	ND	ND
7/21/2017	MW-6	11.83	132.93	**12**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Screening Levels:									
Water Quality Objective [2]				***0.06***	***1.7***	***6***	***NA***	***5***	***1.8 -chloroform***
California MCL [3]				***5.0***	***5***	***6***	***NA***	***13*** [6]	***NA***
SF-RWQCB ESL [5]				***3***	***5***	***6***	***NA***	***5***	***2.3 chloroform; 190 chloromethane***

Notes:

[1] Source data prior to September 2011 from TransTech. Refer to groundwater monitoring reports for these elevations.

[2] Water Quality Objective, Groundwater Water Quality Objectives for Cleanup Projects in the North Coast Region, as provided by the Water Board, September 2016.

[3] California MCL =Maximum Contaminant Limit for Drinking Water

[4] California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO), Note 3, DTSC-modified Screening Levels, Table 2, DTSC-Recommended Screening Levels for Tap Water, June 2017-Interim Update, Cancer Endpoint Final Value. [Note 3 provides screening levels only for soil, tapwater, and ambient air]

[5] SF-RWQCB ESL = San Francisco Regional Water Quality Control Board Environmental Screening Levels, Tier 1 ESLs, February 2016

[6] The California Secondary MCL for MTBE is 5 ug/L.

DTW=Depth to Water from top of casing

ND = Not Detected above reported detection limit. Reporting limits were 1 µg/L unless otherwise noted.

NA = Not Available

Analysis by EPA Test Method 8260. Reported units are in parts per billion (or ppb, µg/L).

Wells MW-4 and MW-5 were not been sampled between March 2012 and July 2017, as they were not included in the active monitoring network.

Concentrations reported above WQO are in bold font.

TOC Elevation 3/9/2017 = Top of casing (north side) re-surveyed on March 9, 2017 by BKF Engineers of Santa Rosa, California. Elevations are in feet relative to NAVD 88. These elevations were used for groundwater elevation calculations starting in March 2017.

TOC Elevation 9/19/2011 =Top of casing elevations surveyed on September 19, 2011 by Steven J. Lafranchi & Associates, Inc. of Petaluma, CA. These elevations were used for groundwater elevation calculations from September 2011 through February 2017.

Table 4
Summary of Deep Groundwater Monitoring Well Results
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Groundwater Analytical Results for MW-1D									
TOC Elevation 9/19/2011:			**143.89**			**TOC Elevation 3/9/2017:**			**144.40**
Date	Sample ID	DTW	Groundwater Elevation	PCE	TCE	cis-1,2DCE	Freon-12	MTBE	Additional Analytes
9/29/2011	MW-1D	13.44	130.45	ND	ND	ND	ND	3.4	ND
3/20/2012	MW-1D	8.22	135.67	ND	ND	ND	ND	ND	ND
8/30/2012	MW-1D	13.59	130.3	ND	ND	ND	ND	ND	ND
12/13/2012	MW-1D	7.22	136.67	ND	ND	ND	ND	ND	ND
6/26/2013	MW-1D	11.45	132.44	ND	ND	ND	ND	1.7	ND
1/30/2014	MW-1D	14.99	128.9	ND	ND	ND	ND	1.4	ND
7/14/2014	MW-1D	12.64	131.25	ND	ND	ND	ND	1.8	ND
3/3/2015	MW-1D	8.76	135.13	ND	ND	ND	ND	2.1	ND
8/11/2015	MW-1D	14.24	129.65	ND	ND	ND	ND	2.4	ND
12/8/2015	MW-1D	14.24	129.65	ND	ND	ND	ND	2.5	**1.1 Carbon Tetrachloride**
3/24/2016	MW-1D	5.31	138.58	ND	ND	ND	ND	1.3	ND
6/21/2016	MW-1D	11.11	132.78	ND	ND	ND	ND	1.5	ND
9/20/2016	MW-1D	13.86	130.03	ND	ND	ND	ND	1.3	ND
7/21/2017	MW-1D	11.68	132.72	**0.69**	ND<0.5	ND<0.5	ND<0.5	4.5	ND<0.5

Groundwater Analytical Results for MW-2D									
TOC Elevation 9/19/2011:			**145.01**			**TOC Elevation 3/9/2017:**			**145.49**
Date	Sample ID	DTW	Groundwater Elevation	PCE	TCE	cis-1,2DCE	Freon-12	MTBE	Additional Analytes
1/9/2006	MW-2D	7.05	Note 1	ND	ND	ND	ND	*3.6*	ND
5/25/2006	MW-2D	10.98	Note 1	ND	ND	ND	ND	***7.4***	ND
9/12/2006	MW-2D	15.15	Note 1	ND	ND	ND	ND	***11***	ND
11/15/2006	MW-2D	14.34	Note 1	ND	ND	ND	ND	NA	ND
2/15/2007	MW-2D	9.24	Note 1	ND	ND	ND	ND	NA	ND
5/30/2007	MW-2D	12.62	Note 1	ND	ND	ND	ND	NA	ND
9/21/2007	MW-2D	16.40	Note 1	ND	ND	ND	ND	NA	ND
11/27/2007	MW-2D	15.29	Note 1	ND	ND	ND	ND	NA	***1.2*** Chloromethane
2/18/2008	MW-2D	8.13	Note 1	ND	ND	ND	ND	NA	ND
5/19/2008	MW-2D	13.17	Note 1	ND	ND	ND	ND	NA	ND
8/19/2008	MW-2D	16.17	Note 1	ND	ND	ND	ND	NA	ND
11/11/2008	MW-2D	14.86	Note 1	ND	ND	ND	ND	NA	ND
2/2/2009	MW-2D	14.78	Note 1	ND	ND	ND	ND	ND	ND
2/9/2010	MW-2D	7.72	Note 1	ND	ND	ND	ND	***9.6***	ND
6/22/2010	MW-2D	12.11	Note 1	ND	ND	ND	ND	***20***	ND
9/22/2010	MW-2D	15.56	Note 1	ND	ND	ND	ND	***28***	ND
9/29/2011	MW-2D	15.32	129.69	ND	ND	ND	ND	***29***	ND
3/21/2012	MW-2D	9.26	135.75	ND	ND	ND	ND	***31***	ND
8/30/2012	MW-2D	15.81	129.20	ND	ND	ND	ND	***34***	ND
12/13/2012	MW-2D	9.62	135.39	ND	ND	ND	ND	***28***	ND
6/26/2013	MW-2D	13.79	131.22	ND	ND	ND	ND	***35***	ND
1/30/2014	MW-2D	16.28	128.73	ND	ND	ND	ND	***33***	ND

Table 4
Summary of Deep Groundwater Monitoring Well Results
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Groundwater Analytical Results for MW-2D, continued									
TOC Elevation 9/19/2011:			**145.01**			**TOC Elevation 3/9/2017:**			**145.49**
Date	Sample ID	DTW	Groundwater Elevation	PCE	TCE	cis-1,2DCE	Freon-12	MTBE	Additional Analytes
7/14/2014	MW-2D	14.89	130.12	ND	ND	ND	ND	***31***	ND
3/3/2015	MW-2D	10.57	134.44	ND	ND	ND	ND	***59***	ND
8/11/2015	MW-2D	15.99	129.02	ND	ND	ND	ND	***55***	ND
12/8/2015	MW-2D	16.12	128.89	ND	ND	ND	ND	***71***	ND
3/24/2016	MW-2D	7.20	137.81	ND	ND	ND	ND	***47***	ND
6/21/2016	MW-2D	12.68	132.33	ND	ND	ND	ND	***38***	ND
9/20/2016	MW-2D	15.63	129.38	ND	ND	ND	ND	***65***	ND
7/21/2017	MW-2D	13.46	132.03	ND<0.5	ND<0.5	ND<0.5	ND<0.5	***25***	ND<0.5

Groundwater Analytical Results for MW-3D									
TOC Elevation 9/19/2011:			**142.33**			**TOC Elevation 3/9/2017:**			**142.82**
Date	Sample ID	DTW	Groundwater Elevation	PCE	TCE	cis-1,2DCE	Freon-12	MTBE	Additional Analytes
9/29/2011	MW-3D	13.31	129.02	**13**	ND	ND	ND	ND	ND
3/21/2012	MW-3D	7.00	135.33	***16***	ND	ND	ND	ND	ND
8/30/2012	MW-3D	13.53	128.8	***19***	ND	ND	ND	ND	ND
12/13/2012	MW-3D	7.12	135.21	***18***	ND	ND	ND	ND	ND
6/26/2013	MW-3D	11.62	130.71	***19***	ND	ND	ND	ND	ND
1/30/2014	MW-3D	16.95	125.38	***13***	ND	ND	ND	ND	ND
7/14/2014	MW-3D	12.54	129.79	***13***	ND	ND	ND	ND	ND
3/3/2015	MW-3D	8.67	133.66	***15***	ND	ND	ND	ND	ND
8/11/2015	MW-3D	14.10	128.23	***16***	ND	ND	ND	ND	ND
12/8/2015	MW-3D	14.03	128.3	***12***	ND	ND	ND	ND	ND
3/24/2016	MW-3D	5.22	137.11	***11***	ND	ND	ND	ND	ND
6/21/2016	MW-3D	11.03	131.3	***12***	ND	ND	ND	ND	ND
9/20/2016	MW-3D	13.61	128.72	***17***	ND	ND	ND	ND	ND
7/21/2017	MW-3D	11.63	131.19	***14***	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5

Groundwater Analytical Results for MW-5D									
TOC Elevation 9/19/2011:			**N/A**			**TOC Elevation 3/9/2017:**			**143.62**
Date	Sample ID	DTW	Groundwater Elevation	PCE	TCE	cis-1,2DCE	Freon-12	MTBE	Additional Analytes
7/21/2017	MW-5D	11.21	132.41	**1.6**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5

Screening Levels:						
Water Quality Objective [2]	***0.06***	***1.7***	***6***	***NA***	***5***	***1.8 -chloroform***
California MCL [3]	***5.0***	***5***	***6***	***NA***	***13*** [6]	***NA***
SF-RWQCB ESL [5]	***3***	***5***	***6***	***NA***	***5***	***2.3 chloroform; 190 chloromethane***

Table 4
Summary of Deep Groundwater Monitoring Well Results
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Notes:

[1] Source data prior to September 2011 from TransTech. Refer to groundwater monitoring reports for these elevations.

[2] Water Quality Objective, Groundwater Water Quality Objectives for Cleanup Projects in the North Coast Region, as provided by the Water Board, September 2016.

[3] California MCL =Maximum Contaminant Limit for Drinking Water

[4] California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO), Note 3, DTSC-modified Screening Levels, Table 2, DTSC-Recommended Screening Levels for Tap Water, June 2017-Interim Update, Cancer Endpoint Final Value. [Note 3 provides screening levels only for soil, tapwater, and ambient air]

[5] SF-RWQCB ESL = San Francisco Regional Water Quality Control Board Environmental Screening Levels, Tier 1 ESLs, February 2016

[6] The California Secondary MCL for MTBE is 5 ug/L.

DTW=Depth to Water from top of casing

ND = Not Detected above reported detection limit. Reporting limits were 1 µg/L unless otherwise noted.

Analysis by EPA Test Method 8260. Reported units are in parts per billion (or ppb, ug/L).

Concentrations reported above WQO are in bold font.

TOC Elevation 3/9/2017 = Top of casing (north side) re-surveyed on March 9, 2017 by BKF Engineers of Santa Rosa, California. Elevations are in feet relative to NAVD 88. These elevations were used for groundwater elevation calculations starting in March 2017.

TOC Elevation 9/19/2011 =Top of casing elevations surveyed on September 19, 2011 by Steven J. Lafranchi & Associates, Inc. of Petaluma, CA. These elevations were used for groundwater elevation calculations from September 2011 through February 2017.

Table 5
Monitoring Well Construction Details
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Well	Date of Installation	Consultant	New Top of Casing Elevation (Feet)[1]	Old Top of Casing Elevation (Feet)[2]	Well Screen Interval (Feet bgs)	Northing [1]	Easting [1]
"Shallow Zone" Wells:							
MW-1	August 2003	Apex Environmental	144.81	144.31	10-25	1919600.87	6352812.53
MW-2	August 2003	Apex Environmental	145.50	145.01	10-25	1919764.98	6352830.52
MW-3	August 2003	Apex Environmental	144.27	143.77	10-25	1919735.52	6352723.60
MW-4	August 2003	Apex Environmental	144.24	143.73	10-25	1919840.75	6352838.99
MW-5	December 2005	Apex Environmental	143.52	143.01	4-24	1919713.78	6352636.56
MW-6	September 2011	HLENV	144.76	144.26	15-25	1919595.18	6352677.82
"Deep Zone" Wells:							
MW-1D	September 2011	HLENV	144.40	143.89	32-45	1919607.43	6352819.51
MW-2D	December 2005	Apex Environmental	145.49	145.01	46-54	1919767.61	6352826.35
MW-3D	September 2011	HLENV	142.82	142.33	32-42	1919526.41	6352560.00
MW-5D	February 2011	HLENV	143.62	N/A	30-45	1919709.16	6352643.60

Notes:
Well Casing = 2-inch diameter PVC.
Well Screen = 2-inch diameter, Schedule 40 PVC, 0.020-inch factory slotted well screen.

[1] Top of Casing (north side) and latitude/longitude re-surveyed on March 9, 2017 by BKF Engineers of Santa Rosa, California. Elevations are in feet relative to NAVD 88. These elevations were used for groundwater elevation calculations starting in March 2017.
[2] Top of casing elevations were surveyed on September 19, 2011 by Steven J. Lafranchi & Associates, Inc. of Petaluma, CA. These elevations were used for groundwater elevation calculations from September 2011 through February 2017.

Table 6
Vertical Gradients in Monitoring Well Pairs
Former Roseland Cleaners
761 Sebastopol Road, Santa Rosa, CA

Well	Date of Measurement	Top of Casing Elevation (Feet)	Well Screen Interval (Feet bgs)	Mid-Screen Point (Feet)	Depth To Water (Feet bgs)	Groundwater Elevation (Feet NAVD88)	Vertical Hydraulic Gradient Between Well Pair	Direction
MW-1	7/21/2017	144.81	10-25	17.5	10.96	133.85	-0.05	Downward
MW-1D	7/21/2017	144.40	32-45	38.5	11.68	132.72		
MW-2	7/21/2017	145.50	10-25	17.5	12.37	133.13	-0.03	Downward
MW-2D	7/21/2017	145.49	46-54	50	13.46	132.03		
MW-5	7/21/2017	143.52	4-24	14	11.24	132.28	0.01	Neutral
MW-5D	7/21/2017	143.62	30-45	37.5	11.21	132.41		
MW-1	6/21/2016	144.31	10-25	17.5	10.27	134.04	-0.06	Downward
MW-1D	6/21/2016	143.89	32-45	38.5	11.11	132.78		
MW-2	6/21/2016	145.01	10-25	17.5	11.67	133.34	-0.03	Downward
MW-2D	6/21/2016	145.01	46-54	50	12.68	132.33		
MW-1	3/24/2016	144.31	10-25	17.5	5.52	138.79	-0.01	Neutral
MW-1D	3/24/2016	143.89	32-45	38.5	5.31	138.58		
MW-2	3/24/2016	145.01	10-25	17.5	6.13	138.88	-0.03	Downward
MW-2D	3/24/2016	145.01	46-54	50	7.20	137.81		

Notes:

Well Casing = 2-inch diameter PVC.

Well Screen = 2-inch diameter, Schedule 40 PVC, 0.020-inch factory slotted well screen.

Top of casing (north side) re-surveyed on March 9, 2017 by BKF Engineers of Santa Rosa, California. Elevations are in feet relative to NAVD 88. These elevations were used for groundwater elevation calculations starting in March 2017.

Top of casing elevations surveyed on September 19, 2011 by Steven J. Lafranchi & Associates, Inc. of Petaluma, CA. These elevations were used for groundwater elevation calculations from September 2011 through February 2017.

Appendix A

Historical Groundwater and Soil Sample Results

APPENDIX A

SUMMARY OF HISTORICAL DATA

Historical Groundwater Monitoring Event Results

Current and historical groundwater monitoring results are included in Tables 3 and 4. Results of both current and historical laboratory analyses (2003 to 2017) for the groundwater samples from monitoring wells indicate the following:

- Historical groundwater monitoring results indicate the PCE plume is stable and decreasing in concentration in the vicinity of the former dry cleaner (Figures A-1 and A-2).

- Nine chemicals have been reported above laboratory reporting limits in the monitoring well groundwater samples: PCE, TCE, cis-1,2 DCE, Freon-12, MTBE, carbon tetrachloride, chloroform, chloromethane, and acetone. Chloromethane and acetone were both reported at low concentrations during one monitoring event only, and were likely laboratory contaminants.

- Only four of the chemicals were reported at concentrations above their respective WQO screening level: PCE, TCE, MTBE, and carbon tetrachloride. These four chemicals are discussed below.

- PCE has consistently been reported at concentrations above the WQO screening level of 0.06 µg/L since monitoring was initiated in shallow wells MW-1, MW-2, MW-3, and MW-6, and in deep well MW-3D. PCE was also reported slightly above the WQO screening level in new deep well MW-5D in July 2017. PCE has never been reported in shallow well MW-5 and deep well MW-2D. PCE was only reported once in 2003 in shallow well MW-4, and once in 2017 in deep well MW-1D.

- The maximum PCE concentration reported in the monitoring wells was 1,500 µg/L. This concentration was reported in well MW-2 in September 2003, the first groundwater monitoring event. PCE concentrations in this well decreased an order of magnitude in the following 10 years, and have ranged from 190 µg/L to 410 µg/L in the last five years. The graph of historical concentrations in this well, presented as Figure A-1, shows the decreasing trend in well MW-2 since monitoring began in September 2003.

- The monitoring well with the second highest PCE concentrations is well MW-6, located just over 200 feet southwest (downgradient) from the former dry cleaner building. PCE has been reported in this monitoring well at concentrations ranging from 12 µg/L to

35 µg/L. A graph of historical concentrations in this well, presented as Figure A-2, shows a consistently decreasing trend since monitoring began in September 2011.

- PCE is present in the upper deep zone primarily in monitoring well MW-3D, located just over 350 feet southwest (downgradient) of the former dry cleaning building. Concentrations of PCE in this well have remained fairly stable since monitoring began in September 2011, with concentrations ranging from 11 µg/L to 19 µg/L.

- TCE has been reported only in shallow wells MW-2 and MW-3. The maximum concentration of TCE was 4.5 µg/L in well MW-2 in 2003. This concentration is only slightly above the WQO screening level of 1.7 µg/L. TCE was last detected in this well in 2012, and has been below laboratory reporting limits since that time. TCE has been intermittently reported in well MW-3 at concentrations below the WQO, and has not been reported above laboratory reporting limits since January 2014.

- MTBE has been reported only in deep wells MW-1D and MW-2D. The maximum concentration of MTBE was 65 µg/L in well MW-2D. This concentration was reported in September 2016, and MTBE concentrations appear to be increasing in this well. Well MW-1D has been reported with low concentrations of MTBE, ranging from below reporting limits to 4.5 µg/L.

- Carbon tetrachloride has only been reported in one monitoring well (MW-1D) one time (December 2015). The concentration reported of 1.1 µg/L was just above the reporting limit of 1.0 µg/L at that time, and above the WQO screening level of 0.1 µg/L.

Historical Soil Sample Results

Historical soil sample results have been provided in this report for completeness. All historical soil sample results are summarized in this Appendix (Tables A-1 and A-2) with one exception. Analytical results for confirmation soil samples from the initial excavation in 2009 were below reporting limits, and are not listed (Amicus-Strategic Environmental Consulting, 2010).

Borings where soil samples were collected in the vicinity of the former dry cleaner building are shown on Figure A-3 along with analytical results for PCE. Confirmation soil sample locations and results for the 2015 soil excavation are shown on Figure A-4. Locations and results for shallow soil samples collected in 2016 are shown on Figure A-5.

Analytical results for historical soil samples indicate the following:

- Ten chemicals have been reported above laboratory reporting limits in the soil samples: PCE, Freon-12, benzene, n-propylbenzene, ethylbenzene; toluene, xylenes, naphthalene, TCA, and TMB.

- None of these chemicals were reported at concentrations above their respective DTSC-SL for either residential or commercial use.

- PCE was reported at a maximum concentration of 200 µg/kg, which is below the residential DTSC-SL of 590 µg/kg. This sample location was removed during excavation, as the target clean-up level for PCE in soil was 20 µg/kg.

- The maximum remaining concentration of PCE in soil is 70 µg/kg. This sample location, EX-14-15.0, was located at the bottom of the 2015 excavation at the groundwater table interface, and further excavation was not possible. This concentration is well below the residential DTSC-SL of 590 µg/kg.

Figure A-1: Historical Concentration Trend for PCE in Well MW-2

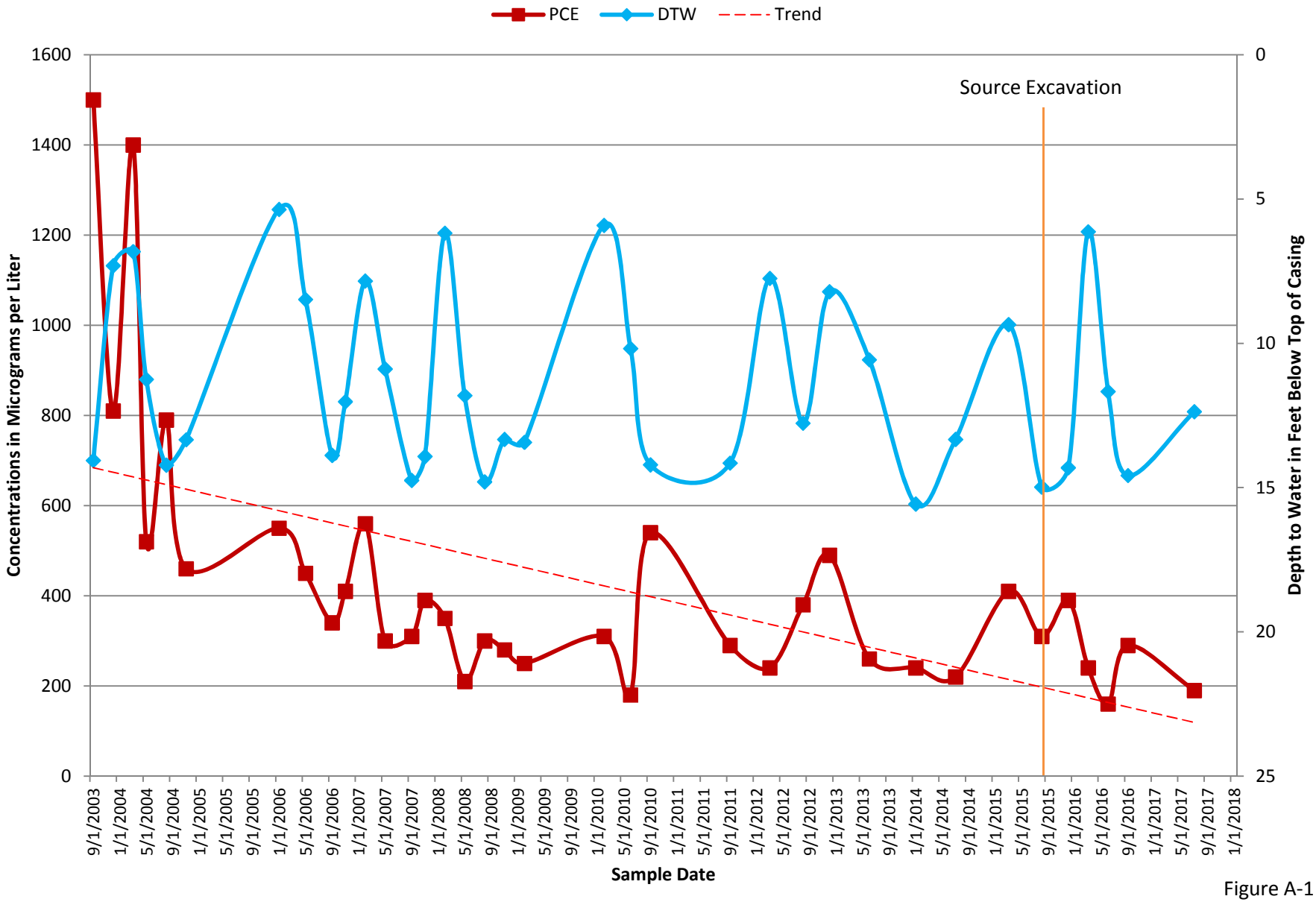


Figure A-1

Figure A-2: Historical Concentration Trend for PCE in Well MW-6

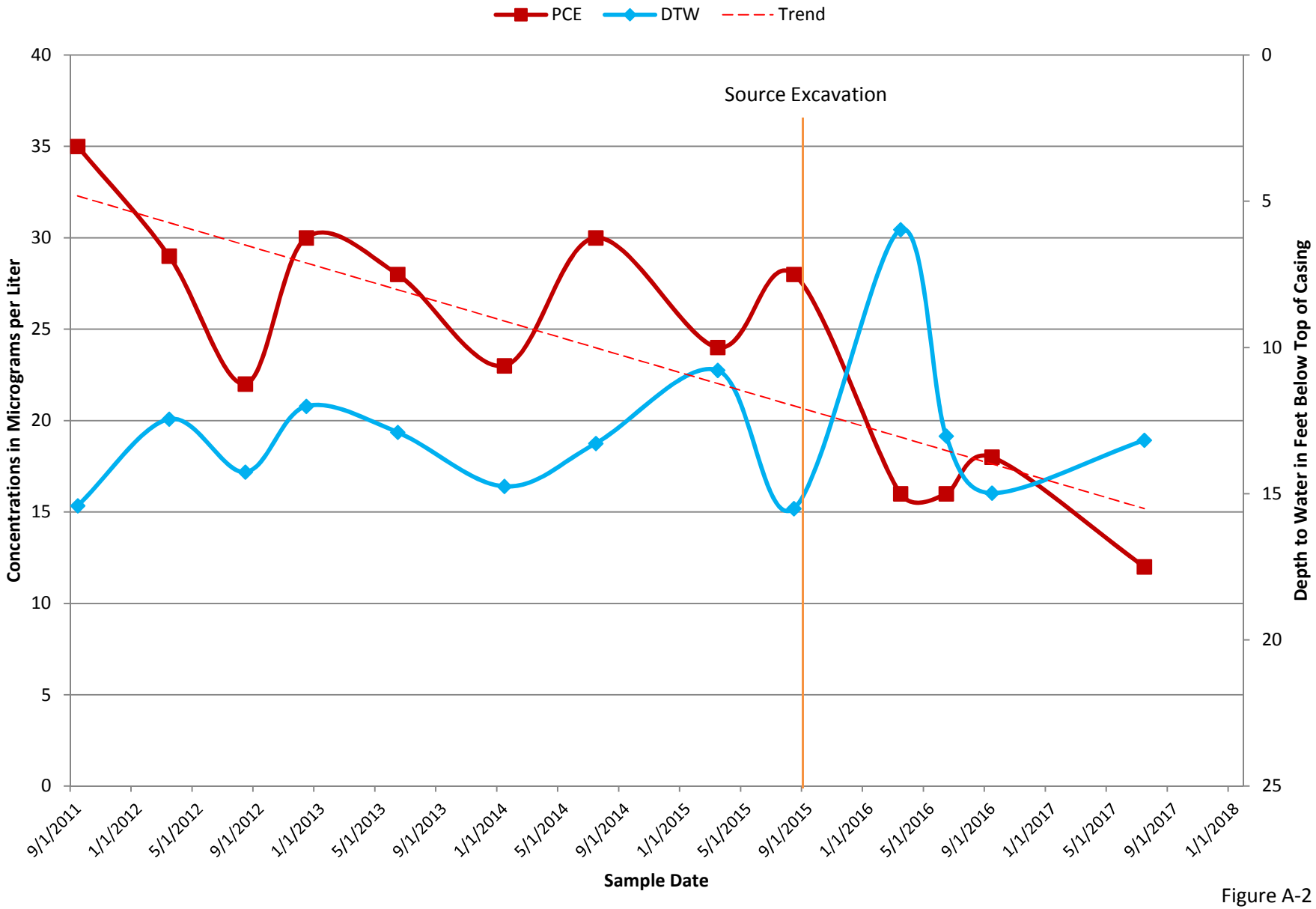
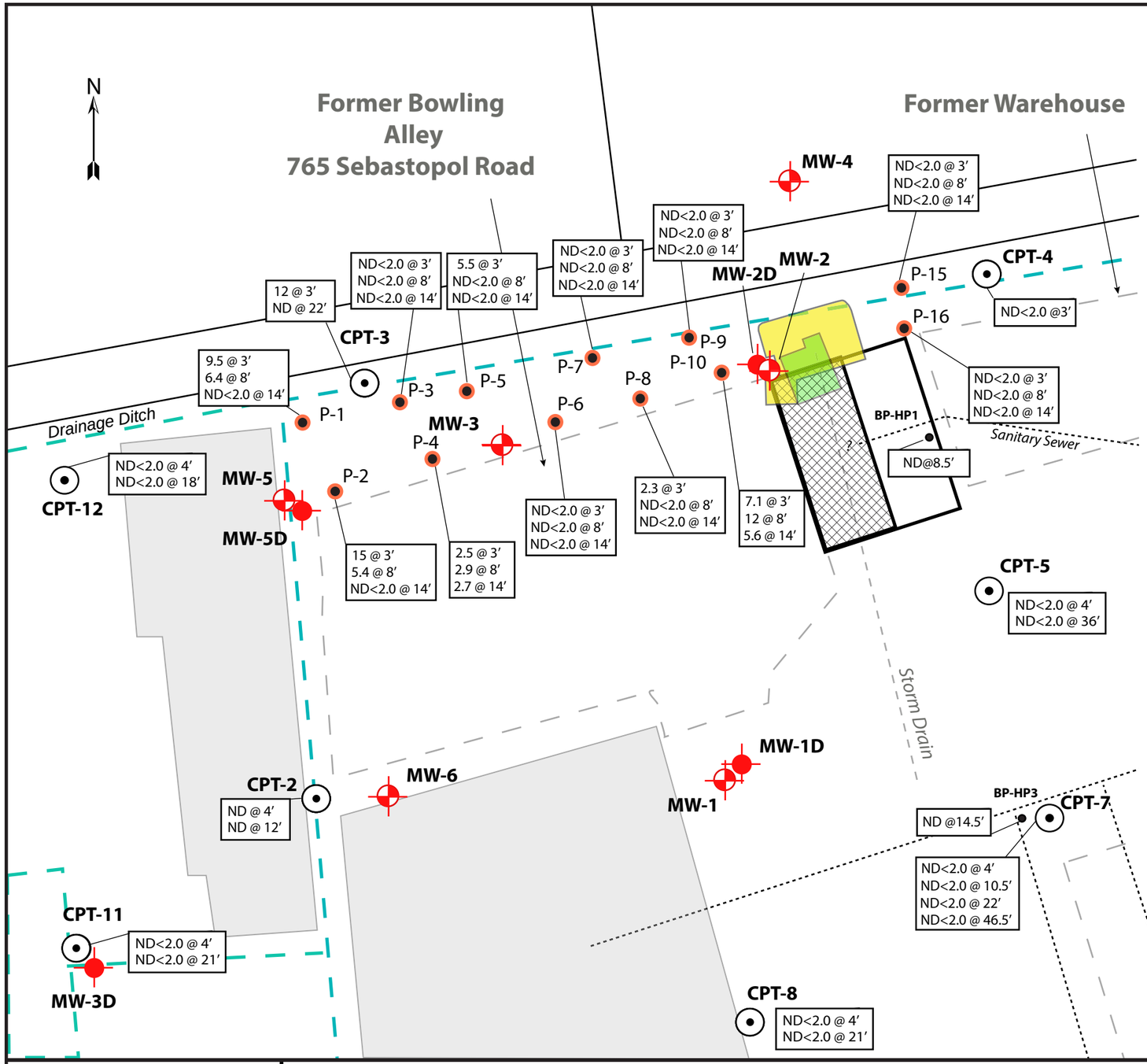


Figure A-2



LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- PARCEL BOUNDARY (APPROXIMATE)
- MW-1 — SHALLOW ZONE MONITORING WELL (INSTALLED 2003, 2005, and 2011),
- MW-1D — DEEP ZONE MONITORING WELL (INSTALLED 2005, 2011, and 2017),
- SOIL EXCAVATION (2009)
- SOIL EXCAVATION (2015)
- CONE PENETROMETER TESTING (CPT) LOCATION (JANUARY 2011)
- CPT-1 — GEOPROBE SOIL SAMPLING LOCATION (AUGUST 2011)
- SUMMARY OF ANALYTICAL RESULTS FOR PCE IN SOIL, WITH SAMPLING DEPTH PRESENTED. UNITS ARE IN MICROGRAMS PER KILOGRAM (µg/kg)

ND<2.0 @ 3'
ND<2.0 @ 8'
ND<2.0 @ 14'

Notes:
1. Shallow zone defined as materials between 10 and 30 feet below ground surface (bgs).
2. Deep zone defined as materials between 30 and 70 feet bgs.

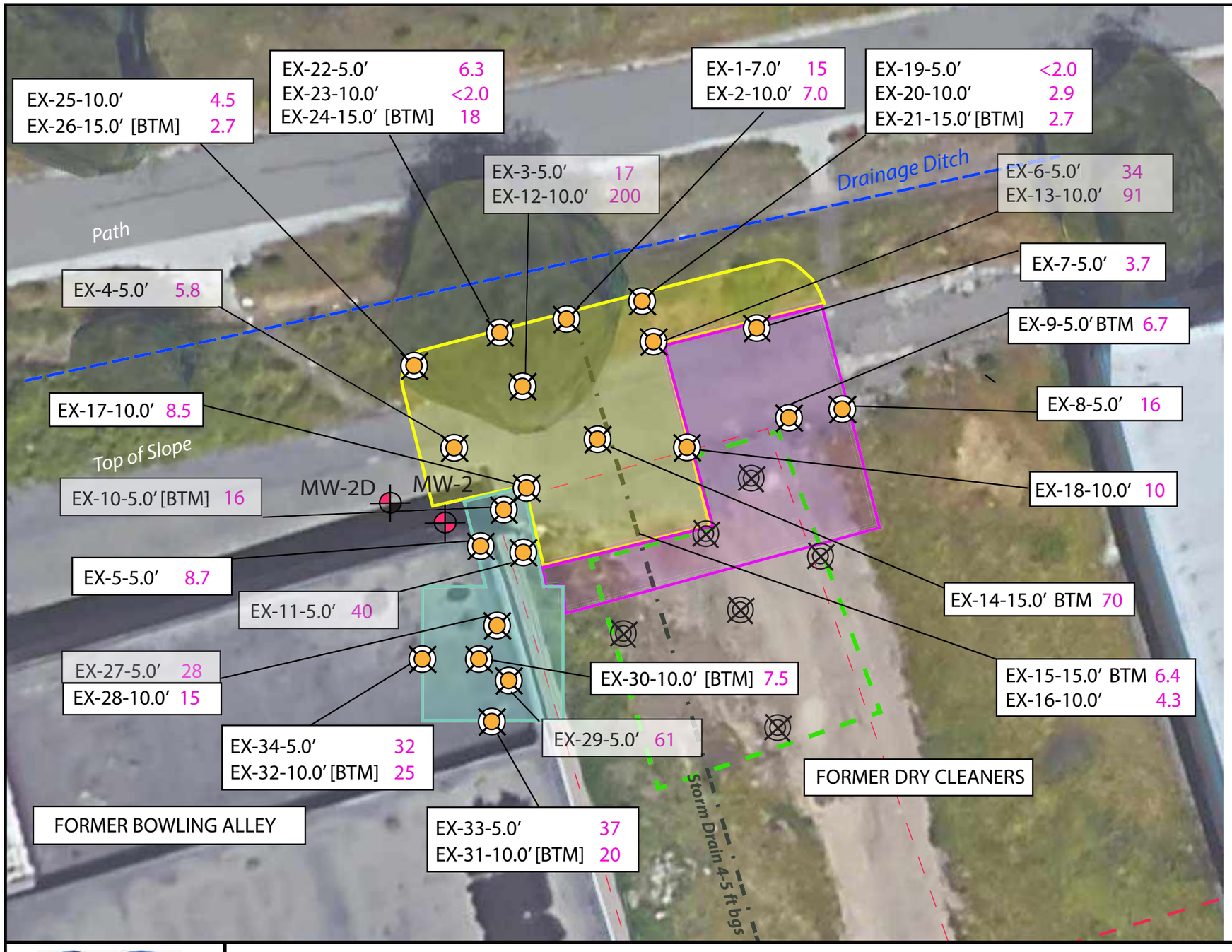
0 50
APPROXIMATE SCALE IN FEET

Harris & Lee
Environmental Sciences, LLC

SOIL SAMPLE RESULTS FOR TETRACHLOROETHENE IN SELECTED BORINGS
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, Cailfinria

FIGURE A-3

OCTOBER 2017



LEGEND

N

- FORMER DRCY CLEANER (SITE), 761 SEBASTOPOL ROAD
- MW-2 — SHALLOW ZONE MONITORING WELL
- MW-2D — DEEP ZONE MONITORING WELL
- SOIL SAMPLE - 2015
- CONFIRMATION SOIL SAMPLE - 2009
- EXCAVATION TO 5 FEET BELOW GROUND SURFACE (BGS)
- EXCAVATION TO 10 FEET BGS
- EXCAVATION TO 15 FEET BGS
- APPROXIMATE EXTENT OF EXCAVATION - 2009
- TETRACHLOROETHYLENE (PCE) ANALYZED USING U.S. EPA METHOD 8260B
- 4.5 — PCE CONCENTRATION REPORTED IN MICROGRAMS PER KILOGRAM (ug/kg)
- <2.0 — INDICATES PCE NOT DETECTED AT OR ABOVE REPORTING LIMIT SHOWN
- BTM — BOTTOM SOIL SAMPLE
- INDICATES SAMPLE LOCATION EXCAVATED

Notes:
1. Excavation limits shown are approximate.
2. Shallow zone defined as materials between 10 and 30 feet below ground surface (bgs).
3. Deep zone defined as materials between 30 and 70 feet bgs.

0 10

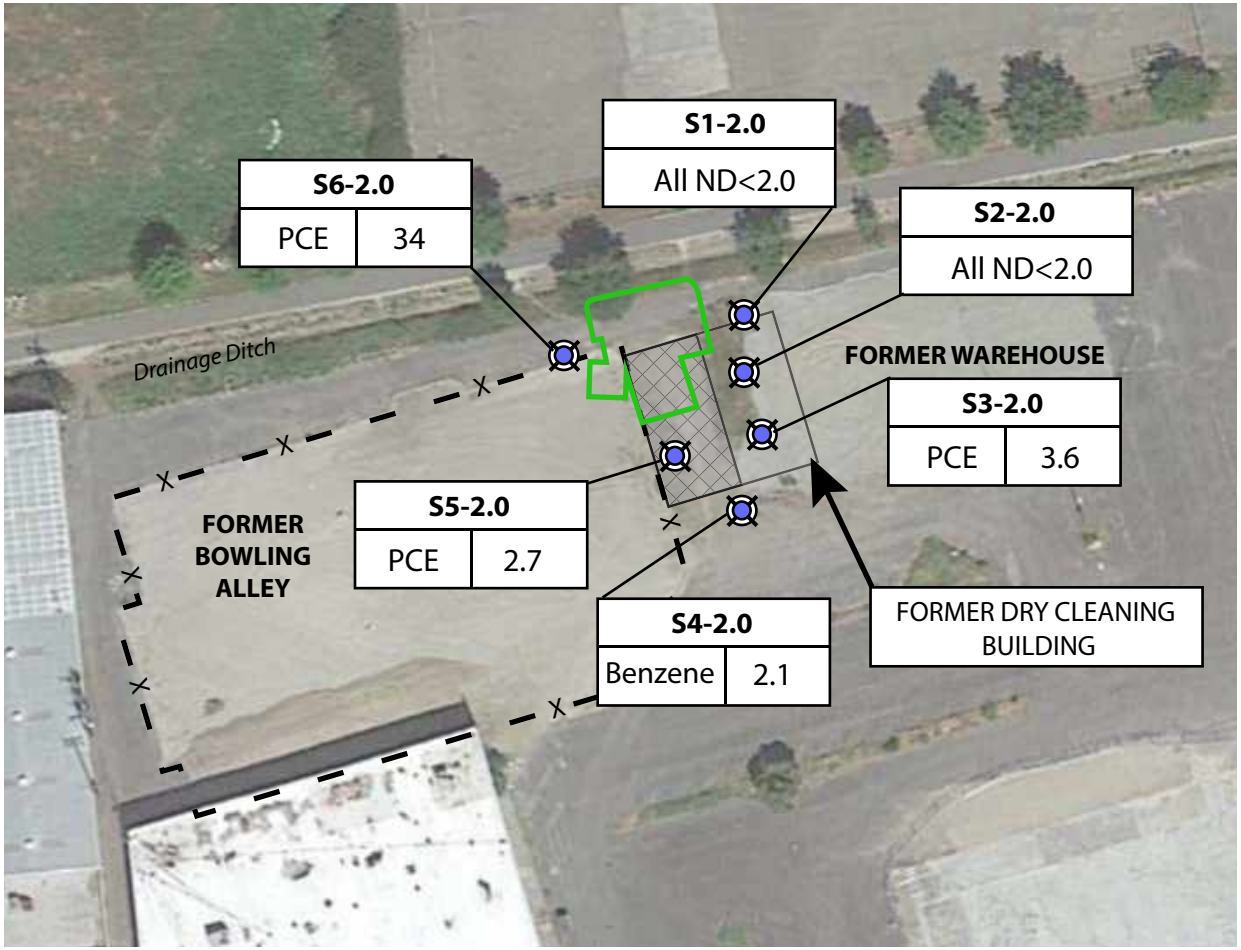
APPROXIMATE SCALE IN FEET

Harris & Lee
Environmental Sciences, LLC

SOIL SAMPLE LOCATIONS FOR PCE EXCAVATION - AUGUST AND SEPTEMBER 2015
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE A-4

OCTOBER 2017



LEGEND

- FORMER DRY CLEANER (SITE), 761 SEBASTOPOL ROAD
- APPROXIMATE LATERAL EXTENT OF SOIL EXCAVATION IN 2009 AND 2015 (AREA COVERED WITH CLEAN BACK-FILL)
- —X— FORMER BOWLING ALLEY FOOTPRINT (AREA COVERED WITH 1-2 FEET OF CRUSHED CONCRETE)
- SOIL SAMPLE LOCATIONS (COLLECTED AT 2 FEET BELOW GROUND SURFACE)
- RESULTS ARE REPORTED IN MICRO-GRAMS PER KILOGRAM (µG/KG)
- PCE TETRACHLOROETHENE
- ND CHEMICALS NOT DETECTED AT OR ABOVE RESPECTIVE REPORTING LIMITS
- SAMPLES COLLECTED ON AUGUST 3, 2016 AND ANALYZED USING EPA METHOD 8260B

N

0 70

APPROXIMATE SCALE IN FEET

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Environmental Sciences, LLC

SHALLOW SOIL SAMPLE LOCATIONS AND ANALYTICAL RESULTS - AUGUST 2016

Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

FIGURE A-5

OCTOBER 2017

Table A-1

Summary of Chemicals Detected in Soil Samples from Borings [1]
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Sample ID	Depth Below Ground Surface	Chemicals Detected (µg/kg)						
		PCE	Freon 12	Benzene	Xylenes	TCA	TMB	Other
Soil Samples, January 2002:								
BP-HP1-8.5	8.5	ND	ND	ND	ND	ND	ND	ND
BP-HP3-14.5	14.5	ND	ND	ND	ND	ND	ND	ND
CPT Soil Samples, January 2011:								
CPT-1d4	4	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-1d12	12	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-1d42	42	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	11.2	4.7 xylenes; 2.7 n-propylbenzene
CPT-2d4	4	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-2d12	12	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-3d3	3	12	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-3d22	22	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-4d3	3	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-5d4	4	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-5d36	36	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-6d10	10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-6d28	28	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-6d45.5	45.5	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-7d4	4	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-7d10.5	10.5	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-7d22	22	ND<2.0	6.2	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-7d46.5	46.5	ND<2.0	ND<2.0	6.5	ND<2.0	ND<2.0	29.4	19 ethylbenzene; 82 xylenes; 3.9 n-propylbenzene

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Former Roseland Cleaners
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Sample ID	Depth Below Ground Surface	Chemicals Detected (µg/kg)						
		PCE	Freon 12	Benzene	Xylenes	TCA	TMB	Other
CPT-8d4	4	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	3.5 xylenes
CPT-8d21	21	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-9d4	4	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-9d17	17	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-10d4	4	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-10d12	12	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-11d4	4	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-11d21	21	ND<2.0	ND<2.0	ND<2.0	28	ND<2.0	50	9.2 ethylbenzene; 6.0 n-propylbenzene; 3.4 napthalene
CPT-12d4	4	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
CPT-12d18	18	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	2.1	ND<2.0
Geoprobe Soil Samples, August 2011:								
P-1-3	3	9.5	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-1-8	8	6.4	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-1-14	14	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-2-3	3	15	ND<2.0	ND<2.0	ND<2.0	6.9	ND<2.0	ND<2.0
P-2-8	8	5.4	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-2-14	14	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-3-3	3	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-3-8	8	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-3-14	14	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-4-3	3	2.5	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-4-8	8	2.9	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

Table A-1

Summary of Chemicals Detected in Soil Samples from Borings [1]
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Sample ID	Depth Below Ground Surface	Chemicals Detected (µg/kg)						
		PCE	Freon 12	Benzene	Xylenes	TCA	TMB	Other
P-4-14	14	2.7	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-5-3	3	5.5	ND<2.0	2.2	12.1	ND<2.0	4.0	3.0 Ethylbenzene; 2.8 Toluene; 2.1 o-xylene
P-5-8	8	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-5-14	14	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-6-3	3	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-6-8	8	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-6-14	14	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-7-3	3	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-7-8	8	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-7-14	14	ND<2.0	ND<2.0	ND<2.0	2.5	ND<2.0	5.2	2.5 o-Xylene
P-8-3	3	2.3	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-8-8	8	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-8-14	14	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-9-3	3	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-9-8	8	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-9-14	14	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-10-3	3	7.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-10-8	8	12	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-10-14	14	5.6	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-11-3	3	130	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-11-8	8	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-11-14	14	33	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-12-3	3	12	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

Table A-1

Summary of Chemicals Detected in Soil Samples from Borings [1]
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Sample ID	Depth Below Ground Surface	Chemicals Detected (µg/kg)						
		PCE	Freon 12	Benzene	Xylenes	TCA	TMB	Other
P-12-8	8	16	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-12-14	14	8.7	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-13-3	3	26	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-13-8	8	9.3	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-13-14	14	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-14-3	3	3.5	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-14-8	8	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-14-14	14	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-15-3	3	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-15-8	8	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	2.7	ND<2.0
P-15-14	14	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-16-3	3	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-16-8	8	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
P-16-14	14	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
Shallow Soil Samples, August 3, 2016:								
S1-2.0	2	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
S2-2.0	2	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
S3-2.0	2	3.6	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
S4-2.0	2	ND<2.0	ND<2.0	2.1	ND<2.0	ND<2.0	ND<2.0	ND<2.0
S5-2.0	2	2.7	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
S6-2.0	2	34	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

Table A-1

Summary of Chemicals Detected in Soil Samples from Borings [1]
Former Roseland Cleaners
761 Sebastopol Road
Santa Rosa, California

Sample ID	Depth Below Ground Surface	Chemicals Detected (µg/kg)						
		PCE	Freon 12	Benzene	Xylenes	TCA	TMB	Other
Screening Criteria:								
DTSC-SL, Commercial [2]		*2,700*	N/A	*1,400*	N/A	N/A	N/A	
DTSC-SL, Residential [2]		590	N/A	*330*	N/A	N/A	N/A	
SF-RWQCB ESL Tier 1 [3]		420	N/A	*44*	2,300	7,800	N/A	toluene: 2,900 ethylbenzene: 1,400
SF-RWQCB ESL, Construction Worker [4]		*33,000*	N/A	*24,000*	2,400,000	8,800,000	N/A	toluene: 4,100,000 ethylbenzene: 480,000

Notes:

[1] Analytical results for confirmation soil samples collected during the 2015 excavation are shown on Table G-2.

[2] California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO), Note 3, DTSC-modified Screening Levels, June 2017; Table 1, DTSC Recommended Screening Levels for Soil, Cancer Endpoint.

[3] SF-RWQCB ESL = San Francisco Regional Water Quality Control Board Environmental Screening Levels, Tier 1 ESLs for Soil, February 2016

[4] SF-RWQCB ESL = San Francisco Regional Water Quality Control Board Environmental Screening Levels, Direct Exposure Human Health Risk Level, Table S-1, February 2016

PCE = tetrachloroethene
TCA = 1,1,1-trichloroethane
Freon 12 = dichlorodifluoromethane
TMB = 1,2,4-trimethylbenzene
µg/kg= Micrograms per kilogram
ND<17 Indicates chemical not detected at or above indicated reporting limit
ND = Not detected above reporting limit: reporting limit not readily available
N/A = Not available
Laboratory analysis of soil samples completed using EPA Method 8260B; sample collection completed using EPA Method 5035.
Gasoline, diesel, and motor oil were analyzed in grab-groundwater from sample CPT-9@11, and in soil samples CPT-9d4 and CPT-9d17. Analysis was by EPA Method 8015M. No analytes were reported above laboratory reporting limits.
Shaded samples were located in areas removed later by remedial excavation.

Table A-2
Summary of Chemicals Detected in Excavation Soil Samples
Former Roseland Cleaners
761 Sebastopol Road, Santa Rosa, California

Sample ID	Sample Date	VOCs (µg/kg)	
		PCE	Other VOCs
EX-1-7.0	8/24/15	15	ND
EX-2-10.0	8/24/15	7.0	ND
EX-3-5.0	8/24/15	17	ND
EX-4-5.0	8/24/15	5.8	ND
EX-5-5.0	8/24/15	8.7	ND
EX-6-5.0	8/24/15	34	ND
EX-7-5.0	8/24/15	3.7	ND
EX-8-5.0	8/24/15	16	ND
EX-9-5.0 BTM	8/24/15	6.7	ND
EX-10-5.0 BTM	8/24/15	16	ND
EX-11-5.0	8/24/15	40	ND
EX-12-10.0	8/24/15	200	ND
EX-13-10.0	8/24/15	91	ND
EX-14-15.0 BTM	8/24/15	**70**	ND
EX-15-15.0 BTM	8/24/15	6.4	ND
EX-16-10.0	8/24/15	4.3	ND
EX-17-10.0	8/24/15	8.5	ND
EX-18-10.0	8/24/15	10	ND
EX-19-5.0	8/26/15	ND<2.0	ND
EX-20-10.0	8/26/15	2.9	ND
EX-21-15.0 [BTM]	8/26/15	2.7	ND
EX-22-5.0	8/26/15	6.3	ND
EX-23-10.0	8/26/15	ND<2.0	ND
EX-24-15.0 [BTM]	8/26/15	18	ND
EX-25-10.0	8/26/15	4.5	ND
EX-26-15.0 [BTM]	8/26/15	2.7	ND

Table A-2
Summary of Chemicals Detected in Excavation Soil Samples
Former Roseland Cleaners
761 Sebastopol Road, Santa Rosa, California

Sample ID	Sample Date	VOCs (µg/kg)	
		PCE	Other VOCs
EX-27-5.0	8/26/15	28	ND
EX-28-10.0	8/26/15	15	ND
EX-29-5.0	8/28/15	61	ND
EX-30-10.0 [BTM]	9/9/15	7.5	ND
EX-31-10.0 [BTM]	9/9/15	20	ND
EX-32-10.0 [BTM]	9/9/15	25	ND
EX-33-5.0	9/9/15	37	ND
EX-34-5.0	9/9/15	32	ND
Screening Levels:			
DTSC-SL, Commercial [1]		*2,700*	*NA*
DTSC-SL, Residential [1]		590	*NA*
SF-RWQCB ESL Tier 1 [2]		420	*NA*
SF-RWQCB ESL, Construction Worker [3]		*33,000*	*NA*

Notes:

VOC = Volatile Organic Compounds analyzed using EPA Method 8260B; sample collection completed using EPA Method 5035.

PCE = tetrachloroethylene. Concentrations in **bold** font represent unexcavated soil with PCE concentrations above the clean-up goal of 20 µg/kg.

µg/kg = micrograms per kilogram.

ND<X = Concentration not detected at or above laboratory reporting limit X.
ND = not detected above variable laboratory reporting limit presented in laboratory reports.
NA = Not Applicable
BTM = bottom of excavation. [BTM] indicates sample ID did not include this descriptor.

Additional excavation soil samples were collected during the initial soil excavation in December 2009, as shown on Figure G-2. Analytical results for the six sidewall samples were all below reporting limits (Amicus-Strategic Environmental Consulting, 2010)

Shaded samples represent areas removed by further excavation.

[1] California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO), Note 3, DTSC-modified Screening Levels, June 2017; Table 1, DTSC Recommended Screening Levels for Soil, Cancer Endpoint.

[2] SF-RWQCB ESL = San Francisco Regional Water Quality Control Board Environmental Screening Levels, Tier 1 ESLs for Soil, February 2016

[3] SF-RWQCB ESL = San Francisco Regional Water Quality Control Board Environmental Screening Levels, Direct Exposure Human Health Risk Level, Table S-1, February 2016

Appendix B

NCRWQCB Water Quality Objectives

Groundwater Water Quality Objectives for Cleanup Projects in the North Coast Region

Typical Chlorinated Solvent Constituents of Concern

Constituent of Concern	Practical Quantitation Limit (µg/L)	Water Quality Objective[1] (µg/L)
Tetrachloroethene (PCE)	0.5	0.06[2]
Trichloroethene (TCE)	0.5	1.7[2]
cis-1,2-Dichloroethene (cis-1,2-DCE)	0.5	6[3]
trans-1,2-Dichloroethene (trans-1,2-DCE)	0.5	10[3]
Vinyl Chloride (chloroethene)	0.5	0.05[2]
1,1,1-Trichloroethane (1,1,1-TCA)	0.5	200[3]
1,1-Dichloroethane (1,1-DCA)	0.5	3[2]
1,1-Dichloroethene (1,1-DCE)	0.5	6[3]
Chloroethane	0.5	16[4]
1,4-Dioxane	0.5	1.3[5]
Carbon Tetrachloride	0.5	0.1[2]
Chloroform (trichloromethane)	0.5	1.8[5]
Dichloromethane (DCM)	0.5	4[2]

[1] Practical quantitation limits are based on current technology. For instances when technology cannot achieve the water quality objective the practical quantitation limit will be used.

[2] California Public Health Goal in Drinking Water (Office of Environmental Health Hazard Assessment), applied to the GROUNDWATER TOXICITY water quality objective in the Basin Plan.

[3] California State Water Resources Control Board - Division of Drinking Water Maximum Contaminant Level, applied to the GROUNDWATER CHEMICAL CONSTITUENT water quality objective in the Basin Plan.

[4] Published literature provides an odor threshold in air, converted to a water concentration through equilibrium distribution, applied to the narrative GROUNDWATER TASTE AND ODOR water quality objective of the Basin Plan.

[5] Cal/EPA Cancer Potency Factor (as a drinking water level), applied to the GROUNDWATER TOXICITY water quality objective in the Basin Plan.

Groundwater Water Quality Objectives for Cleanup Projects in the North Coast Region

Typical Petroleum Underground Storage Tank Site Constituents

Constituent of Concern	Practical Quantitation Limit (µg/L)	Water Quality Objective[1] (µg/L)
Gasoline	50	5[2]
Diesel	50	100[3]
Motor oil	175	None available
Benzene	0.5	0.15[4]
Toluene	0.5	42[5]
Ethylbenzene	0.5	3.2[6]
Xylenes	0.5	17[5]
Methyl tert-butyl ether	0.5	5[7]
Tert-butyl alcohol	5	12[8]
Diisopropyl ether	0.5	0.8[9]
Naphthalene	1.0	17[8]
1,2-Dichloroethane	0.5	0.4[4]

[1]Practical quantitation limits are based on current technology. For instances when technology cannot achieve the water quality objective the practical quantitation limit will be used.

[2]Published literature provides a taste and odor threshold of 5 µg/L, applied to the narrative GROUNDWATER TASTE AND ODOR water quality objective of the Basin Plan.

[3]Published literature provides a taste and odor threshold of 100 µg/L, applied to the narrative GROUNDWATER TASTE AND ODOR water quality objective of the Basin Plan.

[4]California Public Health Goal in Drinking Water (Office of Environmental Health Hazard Assessment), applied to the GROUNDWATER TOXICITY water quality objective in the Basin Plan.

[5]US EPA taste and odor threshold, Federal Register 54 (97):22064-22138, which is applied to the narrative GROUNDWATER TASTE AND ODOR water quality objective in the Basin Plan.

[6] Cal/EPA Cancer Potency Factor, applied to the GROUNDWATER TOXICITY water quality objective in the Basin Plan.

[7]California Department of Health Services Secondary Maximum Contaminant Level, applied to GROUNDWATER TASTE AND ODOR water quality objective in the Basin Plan.

[8]California Department of Public Health Drinking Water Notification Level, applied to the GROUNDWATER TOXICITY water quality objective in the Basin Plan.

[9]Published literature provides a taste and odor threshold of 0.8 µg/L, applied to the narrative GROUNDWATER TASTE AND ODOR water quality objective of the Basin Plan.

Appendix C

Drilling Permits

(LL)

COUNTY OF SONOMA — DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH & SAFETY
625 5th Street, Santa Rosa, CA 95404
Phone (707) 585-6565 Fax (707) 565-6525 www.sonoma-county.org

DEPT. OF HEALTH SVCS
JAN 25 2017
ENVIRONMENTAL HEALTH & SAFETY

APPLICATION FOR DRILLING PERMIT
for Regional Board Lead/Environmental Assessment/LOP Lead

For Office Use Only
Amount Paid $405.00
Receipt Number CRCD 050106 PE 1405
Payment Date 1/25/17 Rev. Code 320123
Site ID# 0041760
Permit # SR0012964

Permit Type:

☒ Monitoring Well ☐ Borings ☐ Destruct ☒ Environmental Assessment

Well Type: ☐ Remediation Well ☐ Extraction Well ☐ Soil Vapor
☒ Other groundwater monitoring well

On-Site Well 1 ID # MW-5D # Off-Site Well 0 ID

On-Site Boring ID # # Off-Site Boring ID

Submit legal right-of-entry/off-site well address/encroachment permit

Site Address 761 Sebastopol Road S.R 95407 AP#

Facility Name Former Roseland Cleaners

Site Owner Sonoma County Community Development Commission Phone

Street 1440 Guerneville Road City Santa Rosa State CA Zip 95403

Responsible Party Sonoma County Community Development Commission Phone

Street 1440 Guerneville Road City Santa Rosa State CA Zip 95403

Consultant Harris & Lee Environmental Sciences License#/Type PG 5288 Phone 707-766-0606

Street 120 Ross Valley Drive City San Rafael State CA Zip 94901

License #/Type PG 5288 Email cheri@hlenv.com

Drilling Contractor Clearheart Drilling Phone 925-313-5800

Street 555 West College Ave City Santa Rosa State CA Zip 95401

C-57 License 780357

Disposal method for soil cuttings drum

Disposal method for development water drum

Drilling method Hollow stem auger

Method of drill equipment rinsate containment and disposal drum

If destroying a well, abandonment method N/A

Submit plot plan of wells in relation to all sewer or septic lines.

Is well to be constructed within: 100 feet of a septic tank or leach field? ○Yes ◉No

50 feet of any sanitary sewer line? ○Yes ◉No

25 feet of any private sanitary sewer line? ○Yes ◉No

In addition, all monitoring wells must include an ***identification system*** affixed to the interior surface:

1) Well identification 2) Well type 3) Well depth 4) Well casing diameter 5) Perforated interval

Well identification number and well type shall be ***affixed*** to the ***exterior surface*** security structure.

SONOMA CO ENVIRONMENTA
625 5TH ST
SANTA ROSA, CA 954044442
01/25/2017 16:25:00
CREDIT CARD
VISA SALE

Card # XXXXXXXXXXXX5902
SEQ #: 6
Batch #: 199
INVOICE 6
Approval Code: 05010G
Entry Method: Manual
Mode: Online
Tax Amount: $0.00
Avs Code: YYY

ENTERED EP

SALE AMOUNT $405.00

LC

For Office Use Only

761 Sebastopol Rd
FA0041760
SR0013964

I hereby agree to comply with all laws and regulations of the County of Sonoma and State of California pertaining to water well construction. I will telephone (707) 565-6565, 48 hours in advance, to notify the Environmental Health Specialist when completing or destroying a well. I will furnish the Director of Environmental Health and the owner a legible copy of the State Water Well Driller's Report within 15 days; and a copy of the Summary Report, including sample results, should be received by the Department of Health Services, Environmental Health and Safety Section within 90 days in order to obtain final approval on this well permit. I acknowledge that the application will become a permit ***only*** after site approval and payment of fee. I understand that this permit is not transferable and expires one year from date of issuance.

Pat Olson Date 1/25/2017

Signature of Well Driller—***no proxies (Wet Signature Required)***

Insurance Carrier State Fund Expiration Date 01/01/2018

Once all wells/borings are installed, submit a Well Driller's Log and/or Summary Report to complete permit process.

Indicate on attached plot plan the exact location of well(s) with respect to the following items: property lines, water bodies or water courses drainage pattern, roads, existing wells, sewer main and laterals and private sewage disposal systems or other sources of contamination or pollution. INCLUDE DIMENSIONS. The validity of this permit depends upon the accuracy of the information provided by the applicant.

Conditions of permit:

1. Provide 48 hours advance notice of drilling.
2. Provide a final report of work completed to this department.

FOR OFFICE USE ONLY – ENVIRONMENTAL HEALTH & SAFETY

Permit approved by Lisa Lamb Date 2/7/17

Constr. approved by _____ Observed? ☐Yes ☐No Well # _____ Date ___/___/___

RWQCB/LOP approval _____ Date ___/___/___

Drilling Permit Application Rev 0814 Docx (Revised August 2014) Distribution: ☐File ☐Driller ☐Consultant ☐Owner/Resp. Party

(LL)

COUNTY OF SONOMA — DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH & SAFETY
625 5th Street, Santa Rosa, CA 95404
Phone (707) 565-6565 Fax (707) 565-6525 www.sonoma-county.org

DEPT. OF HEALTH SVCS
MAR 28 2017
ENVIRONMENTAL HEALTH & SAFETY

APPLICATION FOR DRILLING PERMIT
for Regional Board Lead/Environmental Assessment/LOP Lead

For Office Use Only
Amount Paid 920.00
Receipt Number 277B PE 1416
Payment Date 3/28/17 Rev. Code
Site ID# FA0041760
Permit # SR0014084

Permit Type:

☐ Monitoring Well ■ Borings ☐ Destruct ☐ Environmental Assessment

Well Type: ☐ Remediation Well ☐ Extraction Well ☐ Soil Vapor
☐ Other

On-Site Well ____ ID # ____ # Off-Site Well 0 ID # ____

On-Site Boring 1 ID # CPT-14 # Off-Site Boring 7 ID # CPT-13; CPT-15 to 20

Submit legal right-of-entry/off-site well address/encroachment permit

Site Address 761 Sebastopol Road (AP#125-111-037) ~~and 887 Sebastopol Road~~ AP# 125-111-037; 125-101-045;

Facility Name Former Roseland Cleaners (see Figure 1 for parcel locations) 125-111-044; 125-101-031

Site Owner Sonoma County Community Development Commission Phone

Street 1440 Guerneville Road City Santa Rosa State CA Zip 95403

Responsible Party Sonoma County Community Development Commission Phone

Street 1440 Guerneville Road City Santa Rosa State CA Zip 95403

Consultant Harris & Lee Environmental Sciences License#/Type PG 5288 Phone 707-766-0606

Street 120 Ross Valley Drive City San Rafael State CA Zip 94901

License #/Type PG 5288 Email cheri@hlenv.com

Drilling Contractor Gregg Drilling Phone 925-313-5800

Street 950 Howe Road City Martinez State CA Zip 94553

C-57 License 485165

Disposal method for soil cuttings drum (cuttings generated from first five feet only- hand augered)

Disposal method for development water N/A

Drilling method CPT

Method of drill equipment rinsate containment and disposal drur

If destroying a well, abandonment method N/A

Submit plot plan of wells in relation to all sewer or septic lines.

Is well to be constructed within: 100 feet of a septic tank or le
50 feet of any sanitary sewer
25 feet of any private sanitar

In addition, all monitoring wells must include an ***identification sy***

1) Well identification 2) Well type 3) Well depth 4)

Well identification number and well type shall be ***affixed*** to the el

04/04/2017 15:22:53
MID: XXXXXXXXXXXX763 TID: XXXXX286
CREDIT CARD
VISA SALE
Card # XXXXXXXXXXXX5902
SEQ #: 4
Batch #: 241
INVOICE 4
Approval 0759BG
Entry Method: Manual
Mode: Online
Tax Amount: $0.00
Avs Code: NYZ
SALE AMOUNT $680.00

ENTERED EP

4228**
1156230
DRILLING 920.00
TTLAMT 920.00
CHECKS 920.00
CHANGE 0.00
/28/17 277B K2 10:20

ENTERED EP

als

For Office Use Only

SR0014084
761 Sebastopol Rd

I hereby agree to comply with all laws and regulations of the County of Sonoma and State of California pertaining to water well construction. I will telephone (707) 565-6565, 48 hours in advance, to notify the Environmental Health Specialist when completing or destroying a well. I will furnish the Director of Environmental Health and the owner a legible copy of the State Water Well Driller's Report within 15 days; and a copy of the Summary Report, including sample results, should be received by the Department of Health Services, Environmental Health and Safety Section within 90 days in order to obtain final approval on this well permit. I acknowledge that the application will become a permit *only* after site approval and payment of fee. I understand that this permit is not transferable and expires one year from date of issuance.

Signature of Well Driller—*no proxies (Wet Signature Required)* Date 3/27/17

Insurance Carrier AON AICW0104160S Expiration Date 8/31/17

Once all wells/borings are installed, submit a Well Driller's Log and/or Summary Report to complete permit process.

Indicate on attached plot plan the exact location of well(s) with respect to the following items: property lines, water bodies or water courses drainage pattern, roads, existing wells, sewer main and laterals and private sewage disposal systems or other sources of contamination or pollution. INCLUDE DIMENSIONS. The validity of this permit depends upon the accuracy of the information provided by the applicant.

Conditions of permit:

1. Provide 48 hours advance notice of drilling.
2. CPT borings shall be tremie grouted with neat cement upon completion of sampling.
3. Soil gas wells shall be constructed and decommissioned in accordance with DTSC's Advisory - Active Soil Gas Investigations (July 2015) - See 3.2 and 3.4
4. Provide a final report of work completed to this department.

FOR OFFICE USE ONLY – ENVIRONMENTAL HEALTH & SAFETY

Permit approved by Lisa Lamb Date 4/6/17

Constr. approved by _____ Observed? ☐Yes ☐No Well # _____ Date ___/___/___

RWQCB/LOP approval _____ Date ___/___/___

Distribution: ☐File ☐Driller ☐Consultant ☐Owner/Resp. Party

Appendix D

Field Records, July 2017

Soil Gas Sampling Field Record

Harris & Lee Environmental Sciences

Site Name:
Date: 7/21/17
Field Personel: Tina Harris
Driller: TEG

Soil Gas Probe ID: SG-29-DUP
Sample ID: SG-29-DUP
Duplicate Sample ID:
Sample Depth (bgs): 5-6' bgs
Boring Method and Borehole Diameter: 1"

Shut-In Test (one minute or longer, 100 inches of water or 7.35 inches mercury):

Time	Sample Train Vacuum
13:10	[redacted] -20

Purge Method:

Purge Volume Calculation:

Tubing:	95 ft.	Length _____ x volume/foot _____ = volume _____
Sandpack:	1 ft	Length _____ x borehole volume per foot _____ x 0.40 porosity = volume _____
Dry Bentonite:	6 in.	Length _____ x borehole volume per foot _____ x 0.50 porosity = volume _____
Total Volume:	90.3 ccs	
x3 =	271 ccs	

Purging Data:

Start Time	End Time	Vacuum	Flow Rate	Purge Volume
1300	1303	7	150 cc	[redacted] 271

Sampling Data:

Leak Compound: 1,1-DFA

Start Time	End Time	Initial Vacuum	End Vacuum	Flow Rate	Concentration in Shroud
1313	1320	-30	-5	150 cc	4.7 x 10^7
Cannister ID	**Flow Controller ID**	**Vacuum Gauge ID**			

1,1 DFA Leak Check

Note: Flow rates between 100 to 200 ml/min and vacuums less than 100 inches of water (7.35 inches of mercury) should be maintained during purging and sampling.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 437.0910

WELL NO: MW-1

DATE: 7/21/17

TOC ELEV: 144.81

JOB NAME: 761 Sebastopol Rd

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	10.96
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	24.85
WATER THICKNESS (h)	13.89

Groundwater Elevation: TOC-D = 133.85

VOLUME OF WATER TO BE PURGED
3 Well Volumes: 3 x 0.17 x h = 7.08

VOLUME OF WATER PURGED FROM WELL: 7 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1006	8.44	18.26	266	16.32	1	CLEAR, no odor/sheen (o/s)
1009	8.23	18.11	340	5.37	2.5	"
1014	7.34	18.52	334	5.96	5	"
1017	7.28	18.45	332	5.64	7.5	"

TIME SAMPLED COLLECTED: 1017

SAMPLING METHOD: Dedicated equipment, low flow sampling technique

SAMPLE CONTAINERS: three 40 ml VOAs

TESTS REQUIRED: EPA 8260, VOC's

ANALYTICAL LAB: McCampbell

COMMENTS: WATER SAMPLE CLEAR, NTU: 8.6. no odor/sheen.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 437.0910

WELL NO: MW-2

DATE: 7/21/17

TOC ELEV: 145.50

JOB NAME: 761 Sebastopol Rd

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	12.37
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	24.6
WATER THICKNESS (h)	12.23

Groundwater Elevation: TOC-D = 133.13

VOLUME OF WATER TO BE PURGED
3 Well Volumes: 3 x 0.17 x h = 6.6

VOLUME OF WATER PURGED FROM WELL: 7 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1106	7.93	20.90	191	8.71	1	cloudy, no o/s
1110	7.24	20.20	201	6.02	2.5	clear, no o/s
1114	7.17	18.9	218	5.42	5	"
1120	6.89	18.89	223	5.09	7.5	"

TIME SAMPLED COLLECTED: 1120

SAMPLING METHOD: Dedicated equipment, low flow sampling technique

SAMPLE CONTAINERS three 40 ml VOAs

TESTS REQUIRED: EPA 8260, VOC's

ANALYTICAL LAB: McCampbell

COMMENTS:

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 437.0910

WELL NO: MW-3

DATE: 7/21/17

TOC ELEV: 144.27

JOB NAME: 761 Sebastopol Rd

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	11.47
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	24.2
WATER THICKNESS (h)	12.73

Groundwater Elevation: TOC-D = 132.80

VOLUME OF WATER TO BE PURGED
3 Well Volumes: 3 x 0.17 x h = 6.49

VOLUME OF WATER PURGED FROM WELL: 7 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1154	7.37	20.86	196	8.48	1	CLOUDY, NO o/s
1157	6.76	19.60	207	6.72	2.5	CLEARING, NO o/s
1201	6.52	19.28	208	8.63	5	"
1205	6.47	19.31	192	6.74	7	CLEAR, NO o/s

TIME SAMPLED COLLECTED: 1205

SAMPLING METHOD: Dedicated equipment, low flow sampling technique

SAMPLE CONTAINERS: three 40 ml VOAs

TESTS REQUIRED: EPA 8260, VOC's

ANALYTICAL LAB: McCampbell

COMMENTS: WATER CLEAR WHEN SAMPLED, NO o/s

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 437.0910

WELL NO: MW-4

DATE: 7/24/17

TOC ELEV: 144.24

JOB NAME: 761 Sebastopol Rd

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	11.18 (7/21)
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	19.3
WATER THICKNESS (h)	8.12

Groundwater Elevation: TOC-D = 133.06

VOLUME OF WATER TO BE PURGED
3 Well Volumes. 3 x 0.17 x h = 4.14

VOLUME OF WATER PURGED FROM WELL: 8 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1256	7.55	20.06	350	9.34	1	Clear w/ no o/s
1258	7.44	19.97	337	5.31	2	Clear no o/s (21.7 NTU)
1302	7.38	19.74	345	5.46	6	"
1305	7.12	19.28	350	5.56	8	"

TIME SAMPLED COLLECTED: 1305

SAMPLING METHOD: Dedicated equipment, low flow sampling technique

SAMPLE CONTAINERS: three 40 ml VOAs

TESTS REQUIRED: EPA 8260, VOC's

ANALYTICAL LAB: McCampbell

COMMENTS: Replace cap/lock. Purge well additional since it's been a few years.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 437.0910

WELL NO: MW-5

DATE: 7/21/17

TOC ELEV: 143.52

JOB NAME: 761 Sebastopol Rd

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	11.24
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	20.05
WATER THICKNESS (h)	8.81

Groundwater Elevation: TOC-D = 132.28

VOLUME OF WATER TO BE PURGED
3 Well Volumes: 3 x 0.17 x h = 4.49

VOLUME OF WATER PURGED FROM WELL: 10 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1250	—	—	—	—	1	SILTY
1253	7.22	20.33	5.06	332	2.5	CLEARING, NO O/S
1257	7.18	20.48	4.84	349	5	CLEAR, NO O/S
1301	6.69	20.12	4.67	"	7.5	"
1305	6.82	20.22	4.72	350	10	"

TIME SAMPLED COLLECTED: 1305

SAMPLING METHOD: Dedicated equipment, low flow sampling technique

SAMPLE CONTAINERS: three 40 ml VOAs

TESTS REQUIRED: EPA 8260, VOC's

ANALYTICAL LAB: McCampbell

COMMENTS: REPLACE CAP/LOCK. PURGE ADD'L WATER FROM WELL TO CLEAR SCREEN SINCE NOT SAMPLED IN COUPLE YEARS. SAMPLE CLEAR WHEN DRAWN.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 437.0910

WELL NO: MW-6

DATE:

TOC ELEV: 144.76

JOB NAME: 761 Sebastopol Rd

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	11.83 (7/21)
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	25
WATER THICKNESS (h)	13.17

Groundwater Elevation: TOC-D = 132.93

VOLUME OF WATER TO BE PURGED
3 Well Volumes. 3 x 0.17 x h = 6.72

VOLUME OF WATER PURGED FROM WELL: 7 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1212	7.9	19.11	310	10.61	1	CLEAR, NO O/S
1214	7.78	18.66	325	8.8	2.5	"
1216	7.60	18.34	322	7.31	5	" (16.1 NTU)
1219	7.45	18.74	321	7.57	7	"

TIME SAMPLED COLLECTED: 1219

SAMPLING METHOD: Dedicated equipment, low flow sampling technique

SAMPLE CONTAINERS: three 40 ml VOAs

TESTS REQUIRED: EPA 8260, VOC's

ANALYTICAL LAB: McCampbell

COMMENTS: CLEAR WATER SAMPLED (12.3 NTU), WITHIN HOMELESS ENCAMPMENT.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 437.0910

WELL NO: MW-1D

DATE: 7/24/17

TOC ELEV: 144.40

JOB NAME: 761 Sebastopol Rd

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	11.68 (7/21)
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	44.30
WATER THICKNESS (h)	32.62

Groundwater Elevation TOC-D = 132.72

VOLUME OF WATER TO BE PURGED
3 Well Volumes: 3 x 0.17 x h = 16.6

VOLUME OF WATER PURGED FROM WELL: 16 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
647	7.55	17.11	475	11.47	5	CLEAR, no o/s
651	7.61	17.12	475	7.41	7.5	"
654	7.43	17.45	473	6.82	10	"
658	7.52	17.42	470	6.28	13	"
701	7.55	17.58	"	6.81	16	"

TIME SAMPLED COLLECTED: 701

SAMPLING METHOD: Dedicated equipment, low flow sampling technique

SAMPLE CONTAINERS: three 40 ml VOAs

TESTS REQUIRED: EPA 8260, VOC's

ANALYTICAL LAB: McCampbell

COMMENTS: WATER CLEAR (3.1 NTU) WHEN SAMPLED. NO ODOR/SHEEN

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 437.0910

WELL NO: MW-2D

DATE: 1/24/17

TOC ELEV: 145.49

JOB NAME: 761 Sebastopol Rd

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	13.46 (7/21)
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	51.4
WATER THICKNESS (h)	37.94

Groundwater Elevation: TOC-D = 132.03

VOLUME OF WATER TO BE PURGED
3 Well Volumes: 3 x 0.17 x h = 19.35

VOLUME OF WATER PURGED FROM WELL: 20 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
737	7.79	16.17	533	8.16	5	CLEAR NO ODORS
742	7.47	15.97	485	7.96	10	"
745	7.8	16.13	533	6.63	12.5	"
748	7.67	16.38	530	8.23	15	"
753	7.75	16.28	531	8.38	20	"

TIME SAMPLED COLLECTED: 753

SAMPLING METHOD: Dedicated equipment, low flow sampling technique

SAMPLE CONTAINERS: three 40 ml VOAs

TESTS REQUIRED: EPA 8260, VOC's

ANALYTICAL LAB: McCampbell

COMMENTS: WATER CLEAR (19.0 NTU) WHEN SAMPLED.

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 437.0910

WELL NO: MW-3D

DATE: 7/24/17

TOC ELEV: 142.82

JOB NAME: 761 Sebastopol Rd

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	11.63 (7/21)
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	41.35
WATER THICKNESS (h)	29.72

Groundwater Elevation: TOC-D = 131.19

VOLUME OF WATER TO BE PURGED
3 Well Volumes: 3 x 0.17 x h = ~~24.82~~ 15.1

VOLUME OF WATER PURGED FROM WELL: 15 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1045	7.69	18.4	430	9.71	5	clear, no o/s
1051	7.61	17.43	249	8.62	10	"
1055	7.9	17.69	421	6.92	12.5	"
1058	7.61	17.94	422	6.19	15	"

TIME SAMPLED COLLECTED: 1058

SAMPLING METHOD: Dedicated equipment, low flow sampling technique

SAMPLE CONTAINERS: ~~three 40 ml~~ VOAs

TESTS REQUIRED: EPA 8260, VOC's

ANALYTICAL LAB: McCampbell

COMMENTS: ~~WATER~~ clear water samples (12.7 NTU), no o/s

MONITORING WELL SAMPLING DATA SHEET

PROJECT NO: 437.0910

WELL NO: MW-5D

DATE: 7/24/17

TOC ELEV: 143.62

JOB NAME 761 Sebastopol Rd

BORING DIAMETER (d): 8"

JOB ADDRESS: Santa Rosa, CA

WELL CASING DIAMETER: 2"

SAMPLED BY: DLB

DEPTH MEASURED	FEET
DEPTH TO WATER (D)	11.21 (7/21)
DEPTH TO PRODUCT	na
PRODUCT THICKNESS	0
DEPTH TO BOTTOM OF CASING	45.00
WATER THICKNESS (h)	33.79

Groundwater Elevation: TOC-D = 132.41

VOLUME OF WATER TO BE PURGED
3 Well Volumes: 3 x 0.17 x h = 17.2

VOLUME OF WATER PURGED FROM WELL: 17 gallons

TIME	pH	TEMP (C)	TDS (ppm)	DO (mg/L)	VOLUME (gal)	APPEARANCE
1135	7.73	19.16	460	9.62	5	CLEAR, NO O/S
1143	7.77	19.24	452	9.23	10	" (25.4 NTU)
1146	7.33	20.26	350	4.68	12.5	"
1149	7.46	18.77	485	9.79	15	"
1151	7.23	18.54	454	5.97	17	"

TIME SAMPLED COLLECTED: 1151

SAMPLING METHOD: Dedicated equipment, low flow sampling technique

SAMPLE CONTAINERS: three 40 ml VOAs

TESTS REQUIRED: EPA 8260, VOC's

ANALYTICAL LAB:

COMMENTS: LOCK GROUTED SHUT, REPLACE. GREASY BUILD-UP ON DEDICATED WELL TUBING, REMOVED BEFORE SAMPLING. WATER LEVEL WITH SAMPLES (8.4 NTU). REMOVE TUBING, NEED TO REPLACE WITH TEFLON TUBING CONSISTENT WITH OTHER MW'S.

General COC

MAI Work Order # _____

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701
Telephone: (877) 252-9262 / Fax: (925) 252-9269
www.mccampbell.com main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush ____ 2 Day Rush ____ 3 Day Rush ____ STD X Quote # ____
J-Flag / MDL ____ ESL ____ Cleanup Approved ____ Bottle Order # ____
Delivery Format: GeoTracker EDF X PDF X EDD ____ Write On (DW) ____ EQuIS ____

Report To: CHERI PAGE Bill To: WALTER BEACH
Company: HARRIS & LEE ENV
Email: cheri@hlenv.com / walt@hlenv.com
Alt Email: Tele: 707-322-8625
Project Name/#:
Project Location: 761 SEBASTOPOL RD. PO #
Sampler Signature:

Analysis Requested

SAMPLE ID / Location / Field Point	Sampling Date	Sampling Time	# of containers	Matrix	Preservative	BTEX & TPH as Gas (8021 / 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505 / 608 / 8081 (CL Pesticides)	EPA 608 / 8082 PCB's; Aroclors only	EPA 524.2 / 624 / 8260 (VOC's)	EPA 525.2 / 625 / 8270 (SVOC's)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Hayhaven Requirements	Lab to filter sample for dissolved metals analysis				
MW-1	7/21/17	1017	3	H_2O	4									X										
MW-2	7/21/17	1120	3	H_2O	4									X										
MW-3	7/21/17	1205	3	H_2O	4									X										
MW-4	7/24/17	1305	3	H_2O	4									X										
MW-5	7/21/17	1305	3	H_2O	4									X										
MW-6	7/24/17	1219	3	H_2O	4									X										
MW-1D	7/24/17	701	3	H_2O	4									X										
MW-2D	7/24/17	753	3	H_2O	4									X										
MW-3D	7/24/17	1058	3	H_2O	4									X										
MW-5D	7/24/17	1151	3	H_2O	4									X										

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
DAVID BUSH / EGS	7/25/17	1450	MOISES V	7/25/17	1450

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp _____ °C Initials _____

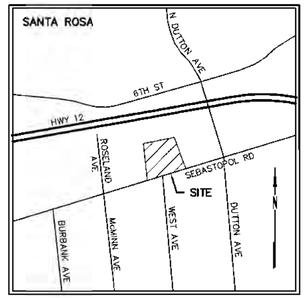
Appendix E

Monitoring Well Survey, March 2017

ROSELAND CLEANERS (SL0609779635) - MONITORING WELLS
SURVEY DATE: MARCH 9, 2017

Pt. No.	MW ID	Northing	Easting	NAVD 88 Elev.	Latitude	Longitude
154	1D Rim	1919607.43	6352819.51	145.25	N038° 25' 51.47"	W122° 43' 44.62"
154	1D Well	1919607.43	6352819.51	144.40	N038° 25' 51.47"	W122° 43' 44.62"
155	1S Rim	1919600.87	6352812.53	145.10	N038° 25' 51.41"	W122° 43' 44.71"
155	1S Well	1919600.87	6352812.53	144.81	N038° 25' 51.41"	W122° 43' 44.71"
153	2D Rim	1919767.61	6352826.35	145.77	N038° 25' 53.06"	W122° 43' 44.55"
153	2D Well	1919767.61	6352826.35	145.49	N038° 25' 53.06"	W122° 43' 44.55"
152	2S Rim	1919764.98	6352830.52	145.88	N038° 25' 53.03"	W122° 43' 44.50"
152	2S Well	1919764.98	6352830.52	145.50	N038° 25' 53.03"	W122° 43' 44.50"
160	3D Rim	1919526.41	6352560.00	143.37	N038° 25' 50.65"	W122° 43' 47.88"
160	3D Well	1919526.41	6352560.00	142.82	N038° 25' 50.65"	W122° 43' 47.88"
156	3S Rim	1919735.52	6352723.60	144.80	N038° 25' 52.73"	W122° 43' 45.84"
156	3S Well	1919735.52	6352723.60	144.27	N038° 25' 52.73"	W122° 43' 45.84"
151	4S Rim	1919840.75	6352838.99	144.46	N038° 25' 53.78"	W122° 43' 44.40"
151	4S Well	1919840.75	6352838.99	144.24	N038° 25' 53.78"	W122° 43' 44.40"
157	5D Rim	1919709.16	6352643.60	143.91	N038° 25' 52.46"	W122° 43' 46.84"
157	5D Well	1919709.16	6352643.60	143.62	N038° 25' 52.46"	W122° 43' 46.84"
158	5S Rim	1919713.78	6352636.56	143.84	N038° 25' 52.51"	W122° 43' 46.93"
158	5S Well	1919713.78	6352636.56	143.52	N038° 25' 52.51"	W122° 43' 46.93"
159	6S Rim	1919595.18	6352677.82	144.96	N038° 25' 51.34"	W122° 43' 46.40"
159	6S Well	1919595.18	6352677.82	144.76	N038° 25' 51.34"	W122° 43' 46.40"

- COORDINATE VALUES ARE CCS ZONE 2 NAD 83 - EPOCH 2011.00
- ELEVATIONS ARE BASED ON NAVD 88



VICINITY MAP
NOT TO SCALE

SYMBOLS & LEGEND

EXISTING

- IRON PIPE
- MONUMENT
- VALVE
- FIRE HYDRANT
- BACKFLOW PREVENTION DEVICE
- FIRE DEPARTMENT CONNECTION
- SIGN
- STREET LIGHT
- LIGHT POLE
- GUY ANCHOR
- UTILITY POLE
- MONITORING WELL
- TREE
- TREE CLUSTER
- PROPERTY LINE
- EASEMENT
- CENTER LINE
- GRADE BREAK
- FLOW LINE
- FENCE
- GUARDRAIL
- STORM DRAIN
- SANITARY SEWER
- WATER
- OVERHEAD ELECTRIC LINE
- UNDERGROUND GAS LINE
- CONCRETE
- VALLEY GUTTER

ABBREVIATIONS

AC	ASPHALT CONCRETE
APN	ASSESSOR'S PARCEL NUMBER
BFP	BACKFLOW PREVENTOR
BLDG	BUILDING
BLRD	BOLLARD
BM	BENCHMARK
CB	CATCH BASIN
CO	CLEAN OUT
CONC	CONCRETE
D	DEEP
DN	DOCUMENT NUMBER
DYL	DOUBLE YELLOW LINE
E	ELECTRIC
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
FF	FINISHED FLOOR
G	GAS
GB	GRADE BREAK
GI	GRATE INLET
GRND	GROUND
HB	HOSE BIB
HDRL	HANDRAIL
HDWL	HEADWALL
MH	MANHOLE
MW	MONITORING WELL
NO	NUMBER
OH	OVERHEAD UTILITY LINE
PG&E	PACIFIC GAS & ELECTRIC
PT	POINT
PUE	PUBLIC UTILITY EASEMENT
SD	STORM DRAIN
SDCO	STORM DRAIN CLEAN OUT
SDMH	STORM DRAIN MANHOLE
S	SHALLOW
SL	STREETLIGHT
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEAN OUT
SSMH	SANITARY SEWER MANHOLE
TB	TOP OF BOX
TC	TOP FACE OF CURB
TEL	TELECOMMUNICATION LINE
TG	TOP OF GRATE
TS	TRAFFIC SIGNAL
TV	TELEVISION
TYP	TYPICAL
UB	UTILITY BOX
VLT	VAULT
W	WATER
WL	WHITE LINE

MONITORY WELL LOCATIONS

PT. NO.	MW ID	NORTHING	EASTING	NAVD 88 ELEV.	LATITUDE	LONGITUDE
154	1D RIM	1919607.43	6352819.51	145.25	N038° 25' 51.47"	W122° 43' 44.62"
154	1D WELL	1919607.43	6352819.51	144.40	N038° 25' 51.47"	W122° 43' 44.62"
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160	3D WELL	1919526.41	6352560.00	142.82	N038° 25' 50.65"	W122° 43' 47.88"
156	3S RIM	1919735.52	6352723.60	144.80	N038° 25' 52.73"	W122° 43' 45.84"
156	3S WELL	1919735.52	6352723.60	144.27	N038° 25' 52.73"	W122° 43' 45.84"
151	4S RIM	1919840.75	6352838.99	144.46	N038° 25' 53.78"	W122° 43' 44.40"
151	4S WELL	1919840.75	6352838.99	144.24	N038° 25' 53.78"	W122° 43' 44.40"
157	5D RIM	1919709.16	6352643.60	143.91	N038° 25' 52.46"	W122° 43' 46.84"
157	5D WELL	1919709.16	6352643.60	143.62	N038° 25' 52.46"	W122° 43' 46.84"
158	5S RIM	1919713.78	6352636.56	143.84	N038° 25' 52.51"	W122° 43' 46.93"
158	5S WELL	1919713.78	6352636.56	143.52	N038° 25' 52.51"	W122° 43' 46.93"
159	6S RIM	1919595.18	6352677.82	144.96	N038° 25' 51.34"	W122° 43' 46.40"
159	6S WELL	1919595.18	6352677.82	144.76	N038° 25' 51.34"	W122° 43' 46.40"

TABLE NOTES:

1. COORDINATE VALUES ARE CCS ZONE 2 NAD 83 - EPOCH 2011.00.
2. ELEVATIONS ARE BASED ON NAVD 88.
3. WELL ELEVATION: TOP OF WELL CASING ELEVATION.
4. RIM ELEVATION: TOP OF GROUND SURFACE ELEVATION ABOVE WELL CASING.

MONITORING WELL EXHIBIT

ROSELAND VILLAGE
CITY OF SANTA ROSA, CALIFORNIA
MARCH 2017

DATE OF MONITORING WELL SURVEY: MARCH 9, 2017

PREPARED BY
BkF
ENGINEERS / SURVEYORS / PLANNERS
200 4TH ST. STE. 300 SANTA ROSA, CA 95401
(707) 583-8500 FAX: (707) 583-8539

JOB NO. 20159059

SHEET 1 OF 1 SHEETS

Post Mar 16, 2017 at 10:42am

159059_MW.dwg

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Appendix F

Laboratory Analytical Reports

8 August 2017

Ms. Cheri Page
Harris & Lee Environmental Sciences, LLC
120 Ross Valley Drive
San Rafael, CA 94901

SUBJECT: DATA REPORT - Harris & Lee Environmental Sciences, LLC Project
Roseland Village / 761 Sebastopol Road, Santa Rosa, California

TEG Project # 70721F

Ms. Page:

Please find enclosed a data report for the samples analyzed from the above referenced project for Harris & Lee Environmental Sciences, LLC. The samples were analyzed on site in TEG's mobile laboratory. TEG conducted a total of 16 analyses on 1 shroud sample, 9 soil vapor samples, and 6 water samples.

-- 9 analyses on soil vapors for volatile organic hydrocarbons by EPA method 8260B.

-- 1 analysis on a shroud sample for 1,1-Difluoroethane by EPA method 8260B.

-- 6 analyses on waters for volatile organic hydrocarbons by EPA method 8260B.

The results of the analyses are summarized in the enclosed tables. Applicable detection limits and QA/QC data are included in the tables.

TEG appreciates the opportunity to have provided analytical services to Harris & Lee Environmental Sciences, LLC on this project. If you have any further questions relating to these data or report, please do not hesitate to contact us.

Sincerely,

Mark Jerpbak
Director, TEG-Northern California

teg

Harris & Lee Environmental Sciences, LLC
Roseland Village
761 Sebastopol Road
Santa Rosa, California

TEG Project #70721F

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		Probe Blank	Shroud Sample	SG-22	SG-23	SG-24	SG-25
SAMPLE DEPTH (feet):				6.0	6.0	6.0	6.0
PURGE VOLUME:				3	3	3	3
COLLECTION DATE:		7/21/17	7/21/17	7/21/17	7/21/17	7/21/17	7/21/17
COLLECTION TIME:		9:39	8:56	11:44	11:21	10:58	12:09
DILUTION FACTOR:		1	2000	1	1	1	1
	RL						
Dichlorodifluoromethane	100	nd	--	nd	nd	nd	nd
Vinyl Chloride	13	nd	--	nd	nd	nd	nd
Chloroethane	100	nd	--	nd	nd	nd	nd
Trichlorofluoromethane	100	nd	--	nd	nd	nd	nd
1,1-Dichloroethene	100	nd	--	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	--	nd	nd	nd	nd
Methylene Chloride	100	nd	--	nd	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	--	nd	nd	nd	nd
1,1-Dichloroethane	100	nd	--	nd	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	--	nd	nd	nd	nd
Chloroform	100	nd	--	nd	nd	nd	nd
1,1,1-Trichloroethane	100	nd	--	nd	nd	nd	nd
Carbon Tetrachloride	25	nd	--	nd	nd	nd	nd
1,2-Dichloroethane	45	nd	--	nd	nd	nd	nd
Benzene	35	nd	--	nd	nd	nd	nd
Trichloroethene	100	nd	--	nd	nd	nd	nd
Toluene	200	nd	--	nd	nd	nd	nd
1,1,2-Trichloroethane	100	nd	--	nd	nd	nd	nd
Tetrachloroethene	100	nd	--	nd	nd	210	nd
Ethylbenzene	100	nd	--	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	--	nd	nd	nd	nd
m,p-Xylene	200	nd	--	nd	nd	nd	nd
o-Xylene	100	nd	--	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	--	nd	nd	nd	nd
1,1 Difluoroethane (leak check)	10000	nd	4.7E+07	nd	nd	nd	nd
Surrogate Recovery (DBFM)		101%	103%	98%	103%	102%	100%
Surrogate Recovery (Toluene-d8)		100%	104%	96%	102%	101%	100%
Surrogate Recovery (1,4-BFB)		86%	89%	86%	91%	89%	88%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Ms. Lorena Williams

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teg

Harris & Lee Environmental Sciences, LLC
Roseland Village
761 Sebastopol Road
Santa Rosa, California

TEG Project #70721F

EPA Method 8260B VOC Analyses of SOIL VAPOR in micrograms per cubic meter of Vapor

SAMPLE NUMBER:		SG-26	SG-27	SG-28	SG-29	SG-29 dup
SAMPLE DEPTH (feet):		6.0	6.0	6.0	6.0	6.0
PURGE VOLUME:		3	3	3	3	3
COLLECTION DATE:		7/21/17	7/21/17	7/21/17	7/21/17	7/21/17
COLLECTION TIME:		12:35	14:26	13:59	13:00	13:00
DILUTION FACTOR:		1	1	1	1	1
	RL					
Dichlorodifluoromethane	100	nd	nd	nd	nd	nd
Vinyl Chloride	13	nd	nd	nd	nd	nd
Chloroethane	100	nd	nd	nd	nd	nd
Trichlorofluoromethane	100	nd	nd	370	nd	nd
1,1-Dichloroethene	100	nd	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	100	nd	nd	nd	nd	nd
Methylene Chloride	100	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
1,1-Dichloroethane	100	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	100	nd	nd	nd	nd	nd
Chloroform	100	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	100	nd	nd	nd	nd	nd
Carbon Tetrachloride	25	nd	nd	nd	nd	nd
1,2-Dichloroethane	45	nd	nd	nd	nd	nd
Benzene	35	nd	nd	nd	nd	nd
Trichloroethene	100	nd	nd	nd	nd	nd
Toluene	200	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	100	nd	nd	nd	nd	nd
Tetrachloroethene	100	160	nd	560	1100	1100
Ethylbenzene	100	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
m,p-Xylene	200	nd	nd	nd	nd	nd
o-Xylene	100	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	100	nd	nd	nd	nd	nd
1,1 Difluoroethane (leak check)	10000	nd	nd	nd	nd	nd
Surrogate Recovery (DBFM)		105%	99%	95%	100%	96%
Surrogate Recovery (Toluene-d8)		102%	96%	94%	99%	95%
Surrogate Recovery (1,4-BFB)		95%	86%	85%	89%	83%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Ms. Lorena Williams

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Harris & Lee Environmental Sciences, LLC
Roseland Village
761 Sebastopol Road
Santa Rosa, California

TEG Project #70721F

CALIBRATION DATA - Calibration Check Compounds

	Vinyl Chloride	1,1 DCE	Chloroform	1,2 DCP	Toluene	Ethylbenzene
Midpoint	10.0	10.0	10.0	10.0	10.0	10.0
Continuing Calibration - Midpoint						
7/21/17	9.0	11.0	11.8	11.5	9.7	11.9
	90%	110%	118%	115%	97%	119%

Harris & Lee Environmental Sciences, LLC
Roseland Village
761 Sebastopol Road
Santa Rosa, California

TEG Project #70721F

EPA Method 8260B VOC Analyses of WATER in ug/L

SAMPLE NUMBER:		Blank	CPT-17, 10-20	CPT-17, 30-40	CPT-18, 9-19
COLLECTION DATE:			7/21/17	7/21/17	7/21/17
ANALYSIS DATE:		7/24/17	7/24/17	7/24/17	7/24/17
DILUTION FACTOR:		1	1	1	1
	RL				
Dichlorodifluoromethane	1.0	nd	nd	nd	nd
Vinyl Chloride	1.0	nd	nd	nd	nd
Chloroethane	1.0	nd	nd	nd	nd
Trichlorofluoromethane	1.0	nd	nd	nd	nd
1,1-Dichloroethene	1.0	nd	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	1.0	nd	nd	nd	nd
Methylene Chloride	1.0	nd	nd	nd	nd
trans-1,2-Dichloroethene	1.0	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd	nd
cis-1,2-Dichloroethene	1.0	nd	nd	nd	nd
Chloroform	1.0	nd	nd	nd	nd
1,1,1-Trichloroethane	1.0	nd	nd	nd	nd
Carbon Tetrachloride	1.0	nd	nd	nd	nd
1,2-Dichloroethane	1.0	nd	nd	nd	nd
Benzene	1.0	nd	nd	nd	nd
Trichloroethene	1.0	nd	nd	nd	nd
Toluene	1.0	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd	nd
Tetrachloroethene	1.0	nd	nd	11	nd
Ethylbenzene	1.0	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd	nd
m,p-Xylene	1.0	nd	nd	nd	nd
o-Xylene	1.0	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.5	nd	nd	nd	nd
Surrogate Recovery (DBFM)		102%	95%	101%	97%
Surrogate Recovery (Toluene-d8)		105%	99%	103%	100%
Surrogate Recovery (1,4-BFB)		89%	82%	87%	81%

'RL' Indicates reporting limit at a dilution factor of 1
'nd' Indicates not detected at listed reporting limits

Analyses performed in TEG-Northern California's lab
Analyses performed by: Ms. Lorena Williams

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Roseland Village
761 Sebastopol Road
Santa Rosa, California

TEG Project #70721F

EPA Method 8260B VOC Analyses of WATER in ug/L

SAMPLE NUMBER:		CPT-18, 28-38	CPT-19, 10-20	CPT-19, 30-40
COLLECTION DATE:		7/21/17	7/24/17	7/24/17
ANALYSIS DATE:		7/24/17	7/24/17	7/24/17
DILUTION FACTOR:	RL	1	1	1
Dichlorodifluoromethane	1.0	nd	nd	nd
Vinyl Chloride	1.0	nd	nd	nd
Chloroethane	1.0	nd	nd	nd
Trichlorofluoromethane	1.0	nd	nd	nd
1,1-Dichloroethene	1.0	nd	nd	nd
1,1,2-Trichloro-trifluoroethane	1.0	nd	nd	nd
Methylene Chloride	1.0	nd	nd	nd
trans-1,2-Dichloroethene	1.0	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd
cis-1,2-Dichloroethene	1.0	nd	nd	nd
Chloroform	1.0	nd	nd	nd
1,1,1-Trichloroethane	1.0	nd	nd	nd
Carbon Tetrachloride	1.0	nd	nd	nd
1,2-Dichloroethane	1.0	nd	nd	nd
Benzene	1.0	nd	nd	nd
Trichloroethene	1.0	nd	nd	nd
Toluene	1.0	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd
Tetrachloroethene	1.0	11	nd	6.2
Ethylbenzene	1.0	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd	nd	nd
m,p-Xylene	1.0	nd	nd	nd
o-Xylene	1.0	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.5	nd	nd	nd
Surrogate Recovery (DBFM)		102%	95%	100%
Surrogate Recovery (Toluene-d8)		105%	94%	100%
Surrogate Recovery (1,4-BFB)		87%	82%	88%

'RL' Indicates reporting limit at a dilution factor of 1
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Analyses performed in TEG-Northern California's lab
Analyses performed by: Ms Lorena Williams

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TEG Project #70721F

QA/QC Data - Matrix Spike Analyses / LCS - WATER

SAMPLE NUMBER	DATE ANALYZED	1,1 DCE ug/L	Benzene ug/L	Trichloroethene ug/L	Toluene ug/L	Chlorobenzene ug/L
CPT-18, 9-19						
Spiked Conc.	7/24/17	25.0	25.0	25.0	25.0	25.0
Measured Conc.		25.6	25.4	22.6	22.9	30.5
% Recovery		102%	102%	90%	92%	122%
Spiked Conc.	7/24/17	25.0	25.0	25.0	25.0	25.0
Measured Conc.		24.5	24.1	21.5	21.9	29.9
% Recovery		98%	96%	86%	88%	120%
RPD		4.4%	5.3%	5.0%	4.5%	2.0%
LCS						
Spiked Conc	7/24/17	25.0	25.0	25.0	25.0	25.0
Measured Conc.		25.9	25.4	22.8	22.9	29.4
% Recovery		104%	102%	91%	92%	118%

Acceptable RPD Limit = 25%

11350 Monier Park Place, Rancho Cordova, CA 95742 • Phone (916) 853-8010 • Fax (916) 853-8020

TEG Northern California Inc.

11350 Monier Park Place Ph: 916.853.8010
Rancho Cordova, CA 95742 Fax: 916.853.8020

Chain of Custody Record

Page: 1 of 1

Client: Harris & Lee Environmental Services
Address: 120 Ross Valley Drive
San Rafael, California 94901
Phone: 707-766-0100 Fax:

Project Manager: Cheri Page E-Mail: cheri@hlenv.com
TEG Project #: 707216 Client Project #: 761 Sebastopol Road
Location: 761 Sebastopol Road, Santa Rosa, California
Collector: Cheri Page Date of Collection: 7/21/17

Sample Designation	Depth	Time	Sample Matrix	Container Type	EPA 8260B (Full List)	EPA 8260B (DTSC List)	EPA 8260B (BTEX & MTBE)	5 Oxygenates, BTEX (8260B)	TPH gasoline (8260)	EPA 8021 (BTEX)	EPA 8021 (HVOCs)	TPH 8015mod (gas)	TPH 8015mod (diesel)	TPH 8015mod (motor oil)	Field Notes	# of containers
CPT-17, 10-20	10-20	10:20	W	40mlVOA	X										Collected on 7/21/17	2
CPT-17, 30-40	30-40	10:55	W	"	X										Collected on 7/21/17	2
CPT-18, 9-19	9-19	14:20	W	"	X										Collected on 7/21/17	2
CPT-18, 28-38	28-38	14:35	W	"	X										Collected on 7/21/17	2
CPT-19, 10-20	10-20	10:20	W	"	X											1
CPT-19, 30-40	30-40	11:20	W	"	X											2
END																

Relinquished by:	Date / Time	Received by	Date / Time
[signature]	7/24/17 10:30	[signature]	7/24/17 1135
Relinquished by:	Date / Time	Received by	Date / Time
Relinquished by:	Date / Time	Received by	Date / Time

Sample Receipt:

Good Condition?	✓
Cold?	✓
Seals Intact?	
Total Number of Containers	11

Remarks:

Distribution: White - Lab, Yellow - File, Pink - Originator

Sample disposal instructions: __ TEG disposal @ $4.00 ea. ✓ Return to client __ Pickup

Analytical Sciences

Report Date: August 17, 2017

Laboratory Report

Cheri Page
Harris & Lee Environmental Sciences
120 Ross Valley Drive
San Rafael, CA 94901

Project Name: **761 Sebastopol Road**

Lab Project Number: **7072606**

This 4 page report of analytical data has been reviewed and approved for release.

Michele Peters

Laboratory Director

P.O. Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

110 Liberty Street
Petaluma, CA
94952

Volatile Hydrocarbons by GC/MS in Air (µg/m³)

Lab#	Sample ID	Compound Name	Result (µg/m³)	RDL (µg/m³)
7072606-01	**SG - 29 DUP**	Dichlorodifluoromethane (F-12)	ND	49
		Chloromethane	ND	21
		Vinyl chloride	ND	26
		Chloroethane (CE)	ND	26
		Trichlorofluoromethane (F-11)	ND	56
		1,1-Dichloroethene (1,1-DCE)	ND	40
		Trichlorotrifluoroethane (F-113)	ND	77
		Methylene chloride	ND	35
		trans-1,2-Dichloroethene	ND	40
		1,1-Dichloroethane (1,1-DCA)	ND	40
		cis-1,2-Dichloroethene (c1,2-DCE)	ND	40
		Chloroform (THM1)	ND	49
		1,1,1-Trichloroethane (TCA)	65	55
		1,2-Dichloroethane (EDC)	ND	40
		Carbon tetrachloride	ND	38
		Benzene	ND	32
		Trichloroethene (TCE)	ND	54
		cis-1,3-Dichloropropene	ND	45
		trans-1,3-Dichloropropene	ND	45
		Toluene	120	38
		1,1,2-Trichloroethane	ND	55
		Tetrachloroethene (PCE)	1400	68
		1,2-Dibromoethane (EDB)	ND	15
		Chlorobenzene	ND	46
		Ethylbenzene	58	43
		m,p-Xylene	520	43
		o-Xylene	210	43
		1,1,2,2-Tetrachloroethane	ND	69
		1,3-Dichlorobenzene	ND	60
		1,4-Dichlorobenzene	ND	60
		1,2-Dichlorobenzene	ND	60
		1,2,4-Trichlorobenzene	ND	74
		Naphthalene	ND	52
		Methyl tert-Butyl Ether (MTBE)	ND	36
		Difluoroethane (LEAK CHECK)	ND	220

Surrogates	Result (µg/m³)	% Recovery	Acceptance Range (%)
Dibromofluoromethane	155	100	70-130
4-Bromofluorobenzene	160	103	70-130

Date Sampled:	07/21/17	Date Analyzed:	07/31/17	QC Batch: B016926
Date Received:	07/26/17	Method:	EPA TO-15	

Quality Assurance Report

Volatile Hydrocarbons by GC/MS in Air (µg/m³)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B016926 - Air prep GC/MS										
Blank (B016926-BLK1)				Prepared & Analyzed: 07/31/17						
Dichlorodifluoromethane (F-12)	ND	12	µg/m³							
Chloromethane	ND	5.2	µg/m³							
Vinyl chloride	ND	6.4	µg/m³							
Chloroethane (CE)	ND	6.6	µg/m³							
Trichlorofluoromethane (F-11)	ND	14	µg/m³							
1,1-Dichloroethene (1,1-DCE)	ND	9.9	µg/m³							
Trichlorotrifluoroethane (F-113)	ND	19	µg/m³							
Methylene chloride	ND	8.7	µg/m³							
trans-1,2-Dichloroethene	ND	9.9	µg/m³							
1,1-Dichloroethane (1,1-DCA)	ND	10	µg/m³							
cis-1,2-Dichloroethene (c1,2-DCE)	ND	9.9	µg/m³							
Chloroform (THM1)	ND	12	µg/m³							
1,1,1-Trichloroethane (TCA)	ND	14	µg/m³							
1,2-Dichloroethane (EDC)	ND	10	µg/m³							
Carbon tetrachloride	ND	9.4	µg/m³							
Benzene	ND	8.0	µg/m³							
Trichloroethene (TCE)	ND	13	µg/m³							
cis-1,3-Dichloropropene	ND	11	µg/m³							
trans-1,3-Dichloropropene	ND	11	µg/m³							
Toluene	ND	9.4	µg/m³							
1,1,2-Trichloroethane	ND	14	µg/m³							
Tetrachloroethene (PCE)	ND	17	µg/m³							
1,2-Dibromoethane (EDB)	ND	3.8	µg/m³							
Chlorobenzene	ND	12	µg/m³							
Ethylbenzene	ND	11	µg/m³							
m,p-Xylene	ND	11	µg/m³							
o-Xylene	ND	11	µg/m³							
1,1,2,2-Tetrachloroethane	ND	17	µg/m³							
1,3-Dichlorobenzene	ND	15	µg/m³							
1,4-Dichlorobenzene	ND	15	µg/m³							
1,2-Dichlorobenzene	ND	15	µg/m³							
1,2,4-Trichlorobenzene	ND	19	µg/m³							
Naphthalene	ND	13	µg/m³							
Methyl tert-Butyl Ether (MTBE)	ND	9.0	µg/m³							
Difluoroethane (LEAK CHECK)	ND	54	µg/m³							
Surrogate: Dibromofluoromethane	*38.8*		*µg/m³*	*38.9*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*40.7*		*µg/m³*	*38.8*		*105*	*70-130*			

Notes and Definitions

RDL	Reporting Detection Limit
ND	Analyte NOT DETECTED at or above the reporting detection limit (RDL)
RPD	Relative Percent Difference
NR	Not Reported

Analytical Sciences
P.O. Box 750336, Petaluma, CA 94975-0336
110 Liberty Street, Petaluma, CA 94952
(707) 769-3128

CHAIN OF CUSTODY

LAB PROJECT NUMBER: 7072606
CLIENT'S PROJECT NAME: 761 Sebastopol Rd - Roseland
CLIENT'S PROJECT NUMBER: " "

CLIENT INFORMATION

COMPANY NAME: Harris + Lee Environmental
ADDRESS: 120 Ross Valley Rd
San Rafael, CA
CONTACT: Cheri Page
PHONE#: 707-766-0606
FAX #:

BILLING INFORMATION

CONTACT: Walter Beach
COMPANY NAME: HLENV
ADDRESS: same
PHONE#:
FAX #:

TURNAROUND TIME (check one)

MOBILE LAB			
SAME DAY		24 HOURS	
48 HOURS		72 HOURS	
5 DAYS		NORMAL	X

GEOTRACKER EDF: X Y ___ N
GLOBAL ID:

COOLER TEMPERATURE
°C

COC

PAGE ___ OF ___

ITEM	CLIENT SAMPLE I.D.	Summa Canister Serial #	Regulator Serial #	Sample Start Time	Sample End Time	Date Sampled	Matrix	ANALYSIS: EPA TO-15					COMMENTS	LAB SAMPLE #
1	SG-29 DUP	C# 316	315 SGN	13:13	13:20	7/21/17	Soil Gas	X						01
2														
3														
4														
5														
6														
7														
8														
9														
10														

SIGNATURES

SAMPLED BY: Cheri Page

RELINQUISHED BY: Cheri Page
SIGNATURE

7/26/17 13:35
DATE TIME

RECEIVED BY LABORATORY:
SIGNATURE

7/26/17 1335
DATE TIME

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1707963

Report Created for: Harris & Lee Environmental Consulting, LLC

120 Ross Valley Drive
San Rafael, CA 94901

Project Contact: Cheri Page
Project P.O.:
Project Name: Roseland Village

Project Received: 07/25/2017

Analytical Report reviewed & approved for release on 08/01/2017 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

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CA ELAP 1644 ♦ NELAP 4033ORELAP

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"When Quality Counts"
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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: Roseland Village
WorkOrder: 1707963

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

b1	Aqueous sample that contains greater than ~1 vol. % sediment

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Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: Roseland Village
WorkOrder: 1707963

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD is out of acceptance criteria.

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-17, 10-20	1707963-001A	Water	07/21/2017 10:20	GC38	142806

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/29/2017 01:13
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/29/2017 01:13
Benzene	ND	0.50	1	07/29/2017 01:13
Bromobenzene	ND	0.50	1	07/29/2017 01:13
Bromochloromethane	ND	0.50	1	07/29/2017 01:13
Bromodichloromethane	ND	0.50	1	07/29/2017 01:13
Bromoform	ND	0.50	1	07/29/2017 01:13
Bromomethane	ND	0.50	1	07/29/2017 01:13
2-Butanone (MEK)	ND	2.0	1	07/29/2017 01:13
t-Butyl alcohol (TBA)	ND	2.0	1	07/29/2017 01:13
n-Butyl benzene	ND	0.50	1	07/29/2017 01:13
sec-Butyl benzene	ND	0.50	1	07/29/2017 01:13
tert-Butyl benzene	ND	0.50	1	07/29/2017 01:13
Carbon Disulfide	ND	0.50	1	07/29/2017 01:13
Carbon Tetrachloride	ND	0.50	1	07/29/2017 01:13
Chlorobenzene	ND	0.50	1	07/29/2017 01:13
Chloroethane	ND	0.50	1	07/29/2017 01:13
Chloroform	ND	0.50	1	07/29/2017 01:13
Chloromethane	ND	0.50	1	07/29/2017 01:13
2-Chlorotoluene	ND	0.50	1	07/29/2017 01:13
4-Chlorotoluene	ND	0.50	1	07/29/2017 01:13
Dibromochloromethane	ND	0.50	1	07/29/2017 01:13
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/29/2017 01:13
1,2-Dibromoethane (EDB)	ND	0.50	1	07/29/2017 01:13
Dibromomethane	ND	0.50	1	07/29/2017 01:13
1,2-Dichlorobenzene	ND	0.50	1	07/29/2017 01:13
1,3-Dichlorobenzene	ND	0.50	1	07/29/2017 01:13
1,4-Dichlorobenzene	ND	0.50	1	07/29/2017 01:13
Dichlorodifluoromethane	ND	0.50	1	07/29/2017 01:13
1,1-Dichloroethane	ND	0.50	1	07/29/2017 01:13
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/29/2017 01:13
1,1-Dichloroethene	ND	0.50	1	07/29/2017 01:13
cis-1,2-Dichloroethene	ND	0.50	1	07/29/2017 01:13
trans-1,2-Dichloroethene	ND	0.50	1	07/29/2017 01:13
1,2-Dichloropropane	ND	0.50	1	07/29/2017 01:13
1,3-Dichloropropane	ND	0.50	1	07/29/2017 01:13
2,2-Dichloropropane	ND	0.50	1	07/29/2017 01:13

(Cont.)

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"When Quality Counts"

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-17, 10-20	1707963-001A	Water	07/21/2017 10:20	GC38	142806

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/29/2017 01:13
cis-1,3-Dichloropropene	ND	0.50	1	07/29/2017 01:13
trans-1,3-Dichloropropene	ND	0.50	1	07/29/2017 01:13
Diisopropyl ether (DIPE)	ND	0.50	1	07/29/2017 01:13
Ethylbenzene	ND	0.50	1	07/29/2017 01:13
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/29/2017 01:13
Freon 113	ND	0.50	1	07/29/2017 01:13
Hexachlorobutadiene	ND	0.50	1	07/29/2017 01:13
Hexachloroethane	ND	0.50	1	07/29/2017 01:13
2-Hexanone	ND	0.50	1	07/29/2017 01:13
Isopropylbenzene	ND	0.50	1	07/29/2017 01:13
4-Isopropyl toluene	ND	0.50	1	07/29/2017 01:13
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/29/2017 01:13
Methylene chloride	ND	0.50	1	07/29/2017 01:13
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/29/2017 01:13
Naphthalene	ND	0.50	1	07/29/2017 01:13
n-Propyl benzene	ND	0.50	1	07/29/2017 01:13
Styrene	ND	0.50	1	07/29/2017 01:13
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/29/2017 01:13
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/29/2017 01:13
Tetrachloroethene	ND	0.50	1	07/29/2017 01:13
Toluene	ND	0.50	1	07/29/2017 01:13
1,2,3-Trichlorobenzene	ND	0.50	1	07/29/2017 01:13
1,2,4-Trichlorobenzene	ND	0.50	1	07/29/2017 01:13
1,1,1-Trichloroethane	ND	0.50	1	07/29/2017 01:13
1,1,2-Trichloroethane	ND	0.50	1	07/29/2017 01:13
Trichloroethene	ND	0.50	1	07/29/2017 01:13
Trichlorofluoromethane	ND	0.50	1	07/29/2017 01:13
1,2,3-Trichloropropane	ND	0.50	1	07/29/2017 01:13
1,2,4-Trimethylbenzene	ND	0.50	1	07/29/2017 01:13
1,3,5-Trimethylbenzene	ND	0.50	1	07/29/2017 01:13
Vinyl Chloride	ND	0.50	1	07/29/2017 01:13
Xylenes, Total	ND	0.50	1	07/29/2017 01:13

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-17, 10-20	**1707963-001A**	**Water**	**07/21/2017 10:20**	**GC38**	**142806**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	116	70-130		07/29/2017 01:13
Toluene-d8	103	70-130		07/29/2017 01:13
4-BFB	88	70-130		07/29/2017 01:13

Analyst(s): KF Analytical Comments: b1

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-17, 30-40	1707963-002A	Water	07/21/2017 10:55	GC38	142806

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/29/2017 01:51
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/29/2017 01:51
Benzene	ND	0.50	1	07/29/2017 01:51
Bromobenzene	ND	0.50	1	07/29/2017 01:51
Bromochloromethane	ND	0.50	1	07/29/2017 01:51
Bromodichloromethane	ND	0.50	1	07/29/2017 01:51
Bromoform	ND	0.50	1	07/29/2017 01:51
Bromomethane	ND	0.50	1	07/29/2017 01:51
2-Butanone (MEK)	ND	2.0	1	07/29/2017 01:51
t-Butyl alcohol (TBA)	ND	2.0	1	07/29/2017 01:51
n-Butyl benzene	ND	0.50	1	07/29/2017 01:51
sec-Butyl benzene	ND	0.50	1	07/29/2017 01:51
tert-Butyl benzene	ND	0.50	1	07/29/2017 01:51
Carbon Disulfide	ND	0.50	1	07/29/2017 01:51
Carbon Tetrachloride	ND	0.50	1	07/29/2017 01:51
Chlorobenzene	ND	0.50	1	07/29/2017 01:51
Chloroethane	ND	0.50	1	07/29/2017 01:51
Chloroform	ND	0.50	1	07/29/2017 01:51
Chloromethane	ND	0.50	1	07/29/2017 01:51
2-Chlorotoluene	ND	0.50	1	07/29/2017 01:51
4-Chlorotoluene	ND	0.50	1	07/29/2017 01:51
Dibromochloromethane	ND	0.50	1	07/29/2017 01:51
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/29/2017 01:51
1,2-Dibromoethane (EDB)	ND	0.50	1	07/29/2017 01:51
Dibromomethane	ND	0.50	1	07/29/2017 01:51
1,2-Dichlorobenzene	ND	0.50	1	07/29/2017 01:51
1,3-Dichlorobenzene	ND	0.50	1	07/29/2017 01:51
1,4-Dichlorobenzene	ND	0.50	1	07/29/2017 01:51
Dichlorodifluoromethane	ND	0.50	1	07/29/2017 01:51
1,1-Dichloroethane	ND	0.50	1	07/29/2017 01:51
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/29/2017 01:51
1,1-Dichloroethene	ND	0.50	1	07/29/2017 01:51
cis-1,2-Dichloroethene	ND	0.50	1	07/29/2017 01:51
trans-1,2-Dichloroethene	ND	0.50	1	07/29/2017 01:51
1,2-Dichloropropane	ND	0.50	1	07/29/2017 01:51
1,3-Dichloropropane	ND	0.50	1	07/29/2017 01:51
2,2-Dichloropropane	ND	0.50	1	07/29/2017 01:51

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-17, 30-40	1707963-002A	Water	07/21/2017 10:55	GC38	142806

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/29/2017 01:51
cis-1,3-Dichloropropene	ND	0.50	1	07/29/2017 01:51
trans-1,3-Dichloropropene	ND	0.50	1	07/29/2017 01:51
Diisopropyl ether (DIPE)	ND	0.50	1	07/29/2017 01:51
Ethylbenzene	ND	0.50	1	07/29/2017 01:51
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/29/2017 01:51
Freon 113	ND	0.50	1	07/29/2017 01:51
Hexachlorobutadiene	ND	0.50	1	07/29/2017 01:51
Hexachloroethane	ND	0.50	1	07/29/2017 01:51
2-Hexanone	ND	0.50	1	07/29/2017 01:51
Isopropylbenzene	ND	0.50	1	07/29/2017 01:51
4-Isopropyl toluene	ND	0.50	1	07/29/2017 01:51
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/29/2017 01:51
Methylene chloride	ND	0.50	1	07/29/2017 01:51
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/29/2017 01:51
Naphthalene	ND	0.50	1	07/29/2017 01:51
n-Propyl benzene	ND	0.50	1	07/29/2017 01:51
Styrene	ND	0.50	1	07/29/2017 01:51
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/29/2017 01:51
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/29/2017 01:51
Tetrachloroethene	**8.9**	0.50	1	07/29/2017 01:51
Toluene	ND	0.50	1	07/29/2017 01:51
1,2,3-Trichlorobenzene	ND	0.50	1	07/29/2017 01:51
1,2,4-Trichlorobenzene	ND	0.50	1	07/29/2017 01:51
1,1,1-Trichloroethane	ND	0.50	1	07/29/2017 01:51
1,1,2-Trichloroethane	ND	0.50	1	07/29/2017 01:51
Trichloroethene	ND	0.50	1	07/29/2017 01:51
Trichlorofluoromethane	ND	0.50	1	07/29/2017 01:51
1,2,3-Trichloropropane	ND	0.50	1	07/29/2017 01:51
1,2,4-Trimethylbenzene	ND	0.50	1	07/29/2017 01:51
1,3,5-Trimethylbenzene	ND	0.50	1	07/29/2017 01:51
Vinyl Chloride	ND	0.50	1	07/29/2017 01:51
Xylenes, Total	ND	0.50	1	07/29/2017 01:51

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-17, 30-40	1707963-002A	Water	07/21/2017 10:55	GC38	142806

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	116	70-130		07/29/2017 01:51
Toluene-d8	103	70-130		07/29/2017 01:51
4-BFB	89	70-130		07/29/2017 01:51

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-18, 9-19	1707963-003A	Water	07/21/2017 14:20	GC38	142806

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/29/2017 02:28
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/29/2017 02:28
Benzene	ND	0.50	1	07/29/2017 02:28
Bromobenzene	ND	0.50	1	07/29/2017 02:28
Bromochloromethane	ND	0.50	1	07/29/2017 02:28
Bromodichloromethane	ND	0.50	1	07/29/2017 02:28
Bromoform	ND	0.50	1	07/29/2017 02:28
Bromomethane	ND	0.50	1	07/29/2017 02:28
2-Butanone (MEK)	ND	2.0	1	07/29/2017 02:28
t-Butyl alcohol (TBA)	ND	2.0	1	07/29/2017 02:28
n-Butyl benzene	ND	0.50	1	07/29/2017 02:28
sec-Butyl benzene	ND	0.50	1	07/29/2017 02:28
tert-Butyl benzene	ND	0.50	1	07/29/2017 02:28
Carbon Disulfide	ND	0.50	1	07/29/2017 02:28
Carbon Tetrachloride	ND	0.50	1	07/29/2017 02:28
Chlorobenzene	ND	0.50	1	07/29/2017 02:28
Chloroethane	ND	0.50	1	07/29/2017 02:28
Chloroform	ND	0.50	1	07/29/2017 02:28
Chloromethane	ND	0.50	1	07/29/2017 02:28
2-Chlorotoluene	ND	0.50	1	07/29/2017 02:28
4-Chlorotoluene	ND	0.50	1	07/29/2017 02:28
Dibromochloromethane	ND	0.50	1	07/29/2017 02:28
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/29/2017 02:28
1,2-Dibromoethane (EDB)	ND	0.50	1	07/29/2017 02:28
Dibromomethane	ND	0.50	1	07/29/2017 02:28
1,2-Dichlorobenzene	ND	0.50	1	07/29/2017 02:28
1,3-Dichlorobenzene	ND	0.50	1	07/29/2017 02:28
1,4-Dichlorobenzene	ND	0.50	1	07/29/2017 02:28
Dichlorodifluoromethane	ND	0.50	1	07/29/2017 02:28
1,1-Dichloroethane	ND	0.50	1	07/29/2017 02:28
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/29/2017 02:28
1,1-Dichloroethene	ND	0.50	1	07/29/2017 02:28
cis-1,2-Dichloroethene	ND	0.50	1	07/29/2017 02:28
trans-1,2-Dichloroethene	ND	0.50	1	07/29/2017 02:28
1,2-Dichloropropane	ND	0.50	1	07/29/2017 02:28
1,3-Dichloropropane	ND	0.50	1	07/29/2017 02:28
2,2-Dichloropropane	ND	0.50	1	07/29/2017 02:28

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-18, 9-19	1707963-003A	Water	07/21/2017 14:20	GC38	142806

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/29/2017 02:28
cis-1,3-Dichloropropene	ND	0.50	1	07/29/2017 02:28
trans-1,3-Dichloropropene	ND	0.50	1	07/29/2017 02:28
Diisopropyl ether (DIPE)	ND	0.50	1	07/29/2017 02:28
Ethylbenzene	ND	0.50	1	07/29/2017 02:28
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/29/2017 02:28
Freon 113	ND	0.50	1	07/29/2017 02:28
Hexachlorobutadiene	ND	0.50	1	07/29/2017 02:28
Hexachloroethane	ND	0.50	1	07/29/2017 02:28
2-Hexanone	ND	0.50	1	07/29/2017 02:28
Isopropylbenzene	ND	0.50	1	07/29/2017 02:28
4-Isopropyl toluene	ND	0.50	1	07/29/2017 02:28
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/29/2017 02:28
Methylene chloride	ND	0.50	1	07/29/2017 02:28
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/29/2017 02:28
Naphthalene	ND	0.50	1	07/29/2017 02:28
n-Propyl benzene	ND	0.50	1	07/29/2017 02:28
Styrene	ND	0.50	1	07/29/2017 02:28
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/29/2017 02:28
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/29/2017 02:28
Tetrachloroethene	ND	0.50	1	07/29/2017 02:28
Toluene	ND	0.50	1	07/29/2017 02:28
1,2,3-Trichlorobenzene	ND	0.50	1	07/29/2017 02:28
1,2,4-Trichlorobenzene	ND	0.50	1	07/29/2017 02:28
1,1,1-Trichloroethane	ND	0.50	1	07/29/2017 02:28
1,1,2-Trichloroethane	ND	0.50	1	07/29/2017 02:28
Trichloroethene	ND	0.50	1	07/29/2017 02:28
Trichlorofluoromethane	ND	0.50	1	07/29/2017 02:28
1,2,3-Trichloropropane	ND	0.50	1	07/29/2017 02:28
1,2,4-Trimethylbenzene	ND	0.50	1	07/29/2017 02:28
1,3,5-Trimethylbenzene	ND	0.50	1	07/29/2017 02:28
Vinyl Chloride	ND	0.50	1	07/29/2017 02:28
Xylenes, Total	ND	0.50	1	07/29/2017 02:28

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-18, 9-19	**1707963-003A**	**Water**	**07/21/2017 14:20**	**GC38**	**142806**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	116	70-130		07/29/2017 02:28
Toluene-d8	103	70-130		07/29/2017 02:28
4-BFB	87	70-130		07/29/2017 02:28

Analyst(s): KF Analytical Comments: b1

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-18, 28-38	1707963-004A	Water	07/21/2017 14:35	GC38	142806

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/29/2017 03:06
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/29/2017 03:06
Benzene	ND	0.50	1	07/29/2017 03:06
Bromobenzene	ND	0.50	1	07/29/2017 03:06
Bromochloromethane	ND	0.50	1	07/29/2017 03:06
Bromodichloromethane	ND	0.50	1	07/29/2017 03:06
Bromoform	ND	0.50	1	07/29/2017 03:06
Bromomethane	ND	0.50	1	07/29/2017 03:06
2-Butanone (MEK)	ND	2.0	1	07/29/2017 03:06
t-Butyl alcohol (TBA)	ND	2.0	1	07/29/2017 03:06
n-Butyl benzene	ND	0.50	1	07/29/2017 03:06
sec-Butyl benzene	ND	0.50	1	07/29/2017 03:06
tert-Butyl benzene	ND	0.50	1	07/29/2017 03:06
Carbon Disulfide	ND	0.50	1	07/29/2017 03:06
Carbon Tetrachloride	ND	0.50	1	07/29/2017 03:06
Chlorobenzene	ND	0.50	1	07/29/2017 03:06
Chloroethane	ND	0.50	1	07/29/2017 03:06
Chloroform	ND	0.50	1	07/29/2017 03:06
Chloromethane	ND	0.50	1	07/29/2017 03:06
2-Chlorotoluene	ND	0.50	1	07/29/2017 03:06
4-Chlorotoluene	ND	0.50	1	07/29/2017 03:06
Dibromochloromethane	ND	0.50	1	07/29/2017 03:06
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/29/2017 03:06
1,2-Dibromoethane (EDB)	ND	0.50	1	07/29/2017 03:06
Dibromomethane	ND	0.50	1	07/29/2017 03:06
1,2-Dichlorobenzene	ND	0.50	1	07/29/2017 03:06
1,3-Dichlorobenzene	ND	0.50	1	07/29/2017 03:06
1,4-Dichlorobenzene	ND	0.50	1	07/29/2017 03:06
Dichlorodifluoromethane	ND	0.50	1	07/29/2017 03:06
1,1-Dichloroethane	ND	0.50	1	07/29/2017 03:06
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/29/2017 03:06
1,1-Dichloroethene	ND	0.50	1	07/29/2017 03:06
cis-1,2-Dichloroethene	ND	0.50	1	07/29/2017 03:06
trans-1,2-Dichloroethene	ND	0.50	1	07/29/2017 03:06
1,2-Dichloropropane	ND	0.50	1	07/29/2017 03:06
1,3-Dichloropropane	ND	0.50	1	07/29/2017 03:06
2,2-Dichloropropane	ND	0.50	1	07/29/2017 03:06

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-18, 28-38	1707963-004A	Water	07/21/2017 14:35	GC38	142806

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/29/2017 03:06
cis-1,3-Dichloropropene	ND	0.50	1	07/29/2017 03:06
trans-1,3-Dichloropropene	ND	0.50	1	07/29/2017 03:06
Diisopropyl ether (DIPE)	ND	0.50	1	07/29/2017 03:06
Ethylbenzene	ND	0.50	1	07/29/2017 03:06
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/29/2017 03:06
Freon 113	ND	0.50	1	07/29/2017 03:06
Hexachlorobutadiene	ND	0.50	1	07/29/2017 03:06
Hexachloroethane	ND	0.50	1	07/29/2017 03:06
2-Hexanone	ND	0.50	1	07/29/2017 03:06
Isopropylbenzene	ND	0.50	1	07/29/2017 03:06
4-Isopropyl toluene	ND	0.50	1	07/29/2017 03:06
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/29/2017 03:06
Methylene chloride	ND	0.50	1	07/29/2017 03:06
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/29/2017 03:06
Naphthalene	ND	0.50	1	07/29/2017 03:06
n-Propyl benzene	ND	0.50	1	07/29/2017 03:06
Styrene	ND	0.50	1	07/29/2017 03:06
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/29/2017 03:06
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/29/2017 03:06
Tetrachloroethene	**8.6**	0.50	1	07/29/2017 03:06
Toluene	ND	0.50	1	07/29/2017 03:06
1,2,3-Trichlorobenzene	ND	0.50	1	07/29/2017 03:06
1,2,4-Trichlorobenzene	ND	0.50	1	07/29/2017 03:06
1,1,1-Trichloroethane	ND	0.50	1	07/29/2017 03:06
1,1,2-Trichloroethane	ND	0.50	1	07/29/2017 03:06
Trichloroethene	ND	0.50	1	07/29/2017 03:06
Trichlorofluoromethane	ND	0.50	1	07/29/2017 03:06
1,2,3-Trichloropropane	ND	0.50	1	07/29/2017 03:06
1,2,4-Trimethylbenzene	ND	0.50	1	07/29/2017 03:06
1,3,5-Trimethylbenzene	ND	0.50	1	07/29/2017 03:06
Vinyl Chloride	ND	0.50	1	07/29/2017 03:06
Xylenes, Total	ND	0.50	1	07/29/2017 03:06

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-18, 28-38	**1707963-004A**	**Water**	**07/21/2017 14:35**	**GC38**	**142806**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	118	70-130		07/29/2017 03:06
Toluene-d8	103	70-130		07/29/2017 03:06
4-BFB	88	70-130		07/29/2017 03:06

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Dup 1	**1707963-005A**	**Water**	**07/21/2017 08:00**	**GC38**	**142806**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/29/2017 03:44
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/29/2017 03:44
Benzene	ND	0.50	1	07/29/2017 03:44
Bromobenzene	ND	0.50	1	07/29/2017 03:44
Bromochloromethane	ND	0.50	1	07/29/2017 03:44
Bromodichloromethane	ND	0.50	1	07/29/2017 03:44
Bromoform	ND	0.50	1	07/29/2017 03:44
Bromomethane	ND	0.50	1	07/29/2017 03:44
2-Butanone (MEK)	ND	2.0	1	07/29/2017 03:44
t-Butyl alcohol (TBA)	ND	2.0	1	07/29/2017 03:44
n-Butyl benzene	ND	0.50	1	07/29/2017 03:44
sec-Butyl benzene	ND	0.50	1	07/29/2017 03:44
tert-Butyl benzene	ND	0.50	1	07/29/2017 03:44
Carbon Disulfide	ND	0.50	1	07/29/2017 03:44
Carbon Tetrachloride	ND	0.50	1	07/29/2017 03:44
Chlorobenzene	ND	0.50	1	07/29/2017 03:44
Chloroethane	ND	0.50	1	07/29/2017 03:44
Chloroform	ND	0.50	1	07/29/2017 03:44
Chloromethane	ND	0.50	1	07/29/2017 03:44
2-Chlorotoluene	ND	0.50	1	07/29/2017 03:44
4-Chlorotoluene	ND	0.50	1	07/29/2017 03:44
Dibromochloromethane	ND	0.50	1	07/29/2017 03:44
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/29/2017 03:44
1,2-Dibromoethane (EDB)	ND	0.50	1	07/29/2017 03:44
Dibromomethane	ND	0.50	1	07/29/2017 03:44
1,2-Dichlorobenzene	ND	0.50	1	07/29/2017 03:44
1,3-Dichlorobenzene	ND	0.50	1	07/29/2017 03:44
1,4-Dichlorobenzene	ND	0.50	1	07/29/2017 03:44
Dichlorodifluoromethane	ND	0.50	1	07/29/2017 03:44
1,1-Dichloroethane	ND	0.50	1	07/29/2017 03:44
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/29/2017 03:44
1,1-Dichloroethene	ND	0.50	1	07/29/2017 03:44
cis-1,2-Dichloroethene	ND	0.50	1	07/29/2017 03:44
trans-1,2-Dichloroethene	ND	0.50	1	07/29/2017 03:44
1,2-Dichloropropane	ND	0.50	1	07/29/2017 03:44
1,3-Dichloropropane	ND	0.50	1	07/29/2017 03:44
2,2-Dichloropropane	ND	0.50	1	07/29/2017 03:44

(Cont.)

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Dup 1	**1707963-005A**	**Water**	**07/21/2017 08:00**	**GC38**	**142806**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/29/2017 03:44
cis-1,3-Dichloropropene	ND	0.50	1	07/29/2017 03:44
trans-1,3-Dichloropropene	ND	0.50	1	07/29/2017 03:44
Diisopropyl ether (DIPE)	ND	0.50	1	07/29/2017 03:44
Ethylbenzene	ND	0.50	1	07/29/2017 03:44
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/29/2017 03:44
Freon 113	ND	0.50	1	07/29/2017 03:44
Hexachlorobutadiene	ND	0.50	1	07/29/2017 03:44
Hexachloroethane	ND	0.50	1	07/29/2017 03:44
2-Hexanone	ND	0.50	1	07/29/2017 03:44
Isopropylbenzene	ND	0.50	1	07/29/2017 03:44
4-Isopropyl toluene	ND	0.50	1	07/29/2017 03:44
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/29/2017 03:44
Methylene chloride	ND	0.50	1	07/29/2017 03:44
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/29/2017 03:44
Naphthalene	ND	0.50	1	07/29/2017 03:44
n-Propyl benzene	ND	0.50	1	07/29/2017 03:44
Styrene	ND	0.50	1	07/29/2017 03:44
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/29/2017 03:44
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/29/2017 03:44
Tetrachloroethene	**8.7**	0.50	1	07/29/2017 03:44
Toluene	ND	0.50	1	07/29/2017 03:44
1,2,3-Trichlorobenzene	ND	0.50	1	07/29/2017 03:44
1,2,4-Trichlorobenzene	ND	0.50	1	07/29/2017 03:44
1,1,1-Trichloroethane	ND	0.50	1	07/29/2017 03:44
1,1,2-Trichloroethane	ND	0.50	1	07/29/2017 03:44
Trichloroethene	ND	0.50	1	07/29/2017 03:44
Trichlorofluoromethane	ND	0.50	1	07/29/2017 03:44
1,2,3-Trichloropropane	ND	0.50	1	07/29/2017 03:44
1,2,4-Trimethylbenzene	ND	0.50	1	07/29/2017 03:44
1,3,5-Trimethylbenzene	ND	0.50	1	07/29/2017 03:44
Vinyl Chloride	ND	0.50	1	07/29/2017 03:44
Xylenes, Total	ND	0.50	1	07/29/2017 03:44

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Dup 1	**1707963-005A**	**Water**	**07/21/2017 08:00**	**GC38**	**142806**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	116	70-130		07/29/2017 03:44
Toluene-d8	103	70-130		07/29/2017 03:44
4-BFB	86	70-130		07/29/2017 03:44

Analyst(s): KF Analytical Comments: b1

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Prepared:	7/28/17	**BatchID:**	142806
Date Analyzed:	7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142806

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	10	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.50	-	-	-
Benzene	ND	0.50	-	-	-
Bromobenzene	ND	0.50	-	-	-
Bromochloromethane	ND	0.50	-	-	-
Bromodichloromethane	ND	0.50	-	-	-
Bromoform	ND	0.50	-	-	-
Bromomethane	ND	0.50	-	-	-
2-Butanone (MEK)	ND	2.0	-	-	-
t-Butyl alcohol (TBA)	ND	2.0	-	-	-
n-Butyl benzene	ND	0.50	-	-	-
sec-Butyl benzene	ND	0.50	-	-	-
tert-Butyl benzene	ND	0.50	-	-	-
Carbon Disulfide	ND	0.50	-	-	-
Carbon Tetrachloride	ND	0.50	-	-	-
Chlorobenzene	ND	0.50	-	-	-
Chloroethane	ND	0.50	-	-	-
Chloroform	ND	0.50	-	-	-
Chloromethane	ND	0.50	-	-	-
2-Chlorotoluene	ND	0.50	-	-	-
4-Chlorotoluene	ND	0.50	-	-	-
Dibromochloromethane	ND	0.50	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.20	-	-	-
1,2-Dibromoethane (EDB)	ND	0.50	-	-	-
Dibromomethane	ND	0.50	-	-	-
1,2-Dichlorobenzene	ND	0.50	-	-	-
1,3-Dichlorobenzene	ND	0.50	-	-	-
1,4-Dichlorobenzene	ND	0.50	-	-	-
Dichlorodifluoromethane	ND	0.50	-	-	-
1,1-Dichloroethane	ND	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.50	-	-	-
1,1-Dichloroethene	ND	0.50	-	-	-
cis-1,2-Dichloroethene	ND	0.50	-	-	-
trans-1,2-Dichloroethene	ND	0.50	-	-	-
1,2-Dichloropropane	ND	0.50	-	-	-
1,3-Dichloropropane	ND	0.50	-	-	-
2,2-Dichloropropane	ND	0.50	-	-	-
1,1-Dichloropropene	ND	0.50	-	-	-
cis-1,3-Dichloropropene	ND	0.50	-	-	-

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Prepared:	7/28/17	**BatchID:**	142806
Date Analyzed:	7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142806

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
trans-1,3-Dichloropropene	ND	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.50	-	-	-
Ethylbenzene	ND	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.50	-	-	-
Freon 113	ND	0.50	-	-	-
Hexachlorobutadiene	ND	0.50	-	-	-
Hexachloroethane	ND	0.50	-	-	-
2-Hexanone	ND	0.50	-	-	-
Isopropylbenzene	ND	0.50	-	-	-
4-Isopropyl toluene	ND	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.50	-	-	-
Methylene chloride	ND	0.50	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.50	-	-	-
Naphthalene	ND	0.50	-	-	-
n-Propyl benzene	ND	0.50	-	-	-
Styrene	ND	0.50	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.50	-	-	-
Tetrachloroethene	ND	0.50	-	-	-
Toluene	ND	0.50	-	-	-
1,2,3-Trichlorobenzene	ND	0.50	-	-	-
1,2,4-Trichlorobenzene	ND	0.50	-	-	-
1,1,1-Trichloroethane	ND	0.50	-	-	-
1,1,2-Trichloroethane	ND	0.50	-	-	-
Trichloroethene	ND	0.50	-	-	-
Trichlorofluoromethane	ND	0.50	-	-	-
1,2,3-Trichloropropane	ND	0.50	-	-	-
1,2,4-Trimethylbenzene	ND	0.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.50	-	-	-
Vinyl Chloride	ND	0.50	-	-	-
Xylenes, Total	ND	0.50	-	-	-
Surrogate Recovery					
Dibromofluoromethane	28.52		25	114	70-130
Toluene-d8	26.47		25	106	70-130
4-BFB	2.271		2.5	91	70-130

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Prepared:	7/28/17	**BatchID:**	142806
Date Analyzed:	7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142806

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	173	261	200	86	130	46-155	40.5,F2	20
tert-Amyl methyl ether (TAME)	8.59	10.1	10	86	101	54-140	16.1	20
Benzene	8.89	9.27	10	89	93	47-158	4.18	20
Bromobenzene	8.60	9.17	10	86	92	50-155	6.45	20
Bromochloromethane	8.82	10.2	10	88	102	48-160	14.6	20
Bromodichloromethane	8.57	9.60	10	86	96	60-156	11.3	20
Bromoform	8.88	11.4	10	89	114	43-149	25.3,F2	20
Bromomethane	10.0	8.84	10	100	88	61-159	12.7	20
2-Butanone (MEK)	33.9	52.5	40	85	131, F2	61-124	43.0,F2	20
t-Butyl alcohol (TBA)	30.7	50.8	40	77	127	42-140	49.4,F2	20
n-Butyl benzene	10.3	9.91	10	103	99	74-138	3.90	20
sec-Butyl benzene	9.84	9.37	10	98	94	72-142	4.83	20
tert-Butyl benzene	9.40	8.91	10	94	89	74-140	5.27	20
Carbon Disulfide	8.58	8.59	10	86	86	64-127	0	20
Carbon Tetrachloride	8.74	8.40	10	87	84	61-158	4.01	20
Chlorobenzene	8.91	9.26	10	89	93	43-157	3.81	20
Chloroethane	8.73	8.79	10	87	88	50-127	0.676	20
Chloroform	8.57	9.08	10	86	91	56-154	5.78	20
Chloromethane	9.26	7.68	10	93	77	41-132	18.7	20
2-Chlorotoluene	8.91	8.88	10	89	89	50-155	0	20
4-Chlorotoluene	8.77	8.80	10	88	88	53-153	0	20
Dibromochloromethane	8.35	9.80	10	83	98	49-156	16.0	20
1,2-Dibromo-3-chloropropane	3.29	4.56	4	82	114	46-149	32.5,F2	20
1,2-Dibromoethane (EDB)	8.46	10.6	10	85	106	44-155	22.1,F2	20
Dibromomethane	8.41	10.5	10	84	105	50-157	21.7,F2	20
1,2-Dichlorobenzene	8.90	9.68	10	89	97	48-156	8.34	20
1,3-Dichlorobenzene	9.20	9.57	10	92	96	49-159	3.95	20
1,4-Dichlorobenzene	9.16	9.56	10	92	96	51-151	4.30	20
Dichlorodifluoromethane	3.32	1.80	10	33, F2	18, F2	61-117	59.2,F2	20
1,1-Dichloroethane	9.30	9.72	10	93	97	53-153	4.52	20
1,2-Dichloroethane (1,2-DCA)	8.72	10.4	10	87	104	66-125	17.7	20
1,1-Dichloroethene	8.66	8.69	10	87	87	47-149	0	20
cis-1,2-Dichloroethene	8.96	9.43	10	90	94	54-155	5.19	20
trans-1,2-Dichloroethene	8.74	8.96	10	87	90	46-151	2.54	20
1,2-Dichloropropane	8.81	9.77	10	88	98	54-153	10.4	20
1,3-Dichloropropane	8.49	10.2	10	85	102	49-150	18.6	20
2,2-Dichloropropane	9.39	9.14	10	94	91	74-147	2.71	20
1,1-Dichloropropene	8.81	8.76	10	88	88	54-150	0	20
cis-1,3-Dichloropropene	8.29	9.19	10	83	92	55-159	10.3	20

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707963
Date Prepared:	7/28/17	**BatchID:**	142806
Date Analyzed:	7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142806

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	8.46	9.92	10	85	99	74-131	15.8	20
Diisopropyl ether (DIPE)	8.75	9.97	10	88	100	57-136	13.0	20
Ethylbenzene	9.00	8.90	10	90	89	60-152	1.20	20
Ethyl tert-butyl ether (ETBE)	8.78	10.5	10	88	105	55-137	17.6	20
Freon 113	8.67	8.43	10	87	84	47-138	2.72	20
Hexachlorobutadiene	8.64	8.05	10	86	80	66-160	7.10	20
Hexachloroethane	8.52	8.17	10	85	82	75-130	4.16	20
2-Hexanone	8.55	12.9	10	86	129, F2	70-115	40.5,F2	20
Isopropylbenzene	8.98	8.62	10	90	86	59-156	4.11	20
4-Isopropyl toluene	9.95	9.53	10	99	95	75-138	4.23	20
Methyl-t-butyl ether (MTBE)	8.20	10.5	10	82	105	53-139	24.9,F2	20
Methylene chloride	8.18	9.08	10	82	91	66-127	10.4	20
4-Methyl-2-pentanone (MIBK)	7.82	11.3	10	78	113	42-153	36.6,F2	20
Naphthalene	8.81	11.1	10	88	111	66-127	23.0,F2	20
n-Propyl benzene	9.54	9.14	10	95	91	54-155	4.22	20
Styrene	9.19	9.60	10	92	96	51-152	4.34	20
1,1,1,2-Tetrachloroethane	8.61	9.18	10	86	92	58-159	6.46	20
1,1,2,2-Tetrachloroethane	8.17	10.8	10	82	108	51-150	27.7,F2	20
Tetrachloroethene	8.76	8.48	10	88	85	55-145	3.21	20
Toluene	8.53	8.60	10	85	86	52-137	0.813	20
1,2,3-Trichlorobenzene	9.01	10.2	10	90	102	70-136	12.4	20
1,2,4-Trichlorobenzene	9.20	9.93	10	92	99	74-137	7.70	20
1,1,1-Trichloroethane	8.83	8.72	10	88	87	57-156	1.26	20
1,1,2-Trichloroethane	8.50	10.4	10	85	104	51-150	19.8	20
Trichloroethene	8.61	8.72	10	86	87	43-157	1.19	20
Trichlorofluoromethane	8.76	8.52	10	88	85	50-147	2.74	20
1,2,3-Trichloropropane	8.53	11.4	10	85	114	41-152	29.0,F2	20
1,2,4-Trimethylbenzene	9.63	9.64	10	96	96	57-157	0	20
1,3,5-Trimethylbenzene	9.37	9.14	10	94	91	56-159	2.44	20
Vinyl Chloride	9.67	8.36	10	97	84	42-137	14.5	20
Xylenes, Total	27.7	28.0	30	92	93	70-130	0.820	20
Surrogate Recovery								
Dibromofluoromethane	28.7	29.3	25	115	117	70-130	2.01	20
Toluene-d8	26.2	25.6	25	105	103	70-130	2.01	20
4-BFB	2.27	2.30	2.5	91	92	70-130	0.972	20

McCampbell Analytical, Inc.
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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1707963 **ClientCode: HLEC**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Cheri Page
Harris & Lee Environmental Consulting,
120 Ross Valley Drive
San Rafael, CA 94901
(707) 322-8625 FAX: (866) 873-4361
Email: cheri@hlenv.com
cc/3rd Party:
PO:
ProjectNo: Roseland Village

Bill to:
Elaine Everest
Harris & Lee Env. Consulting, LLC
120 Ross Valley Drive
San Rafael, CA 94901
elaine@hlenv.com

Requested TAT: **5 days;**

Date Received: **07/25/2017**
Date Logged: **07/26/2017**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1707963-001	CPT-17, 10-20	Water	7/21/2017 10:20	☐	A	A										
1707963-002	CPT-17, 30-40	Water	7/21/2017 10:55	☐	A											
1707963-003	CPT-18, 9-19	Water	7/21/2017 14:20	☐	A											
1707963-004	CPT-18, 28-38	Water	7/21/2017 14:35	☐	A											
1707963-005	Dup 1	Water	7/21/2017 08:00	☐	A											

Test Legend:

1	8260B_W	2	PREDF REPORT	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: HARRIS & LEE ENVIRONMENTAL CONSULTING, **Project:** Roseland Village **Work Order:** 1707963
Client Contact: Cheri Page **QC Level:** LEVEL 2
Contact's Email: cheri@hlenv.com **Comments:** **Date Logged:** 7/26/2017

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1707963-001A	CPT-17, 10-20	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/21/2017 10:20	5 days	15%+	☐	
1707963-002A	CPT-17, 30-40	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/21/2017 10:55	5 days	10%+	☐	
1707963-003A	CPT-18, 9-19	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/21/2017 14:20	5 days	15%+	☐	
1707963-004A	CPT-18, 28-38	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/21/2017 14:35	5 days	25%+	☐	
1707963-005A	Dup 1	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/21/2017 8:00	5 days	25%+	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1707963

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ DAY ☐
GeoTracker EDF ☒ PDF ☐ EDD ☐ Write On (DW) ☐ ☐ 10 DAY ☐
Effluent Sample Requiring "I" flag ☐ UST Clean Up Fund Project ☐ PO #

Report To: Cheri Page	Bill To: Walter Beach, Harris & Lee
Company: Harris & Lee	120 Ross Valley Drive
1724 Capella Court	San Rafael, CA 94901
	E-Mail: cheri@hlenv.com
Tele: (707) 766-0606	Fax: (866) 873-4361
Project #:	Project Name: Roseland Village
Project Location: 761 Sebastopol Rd.	Purchase Order #
Sampler Signature: Cheri Page	

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO3	Other
15% CPT-17, 16-20		7/21/2017	10:20	2	X										
10% CPT-17, 30-40		7/21	10:55	2	X										
15% CPT-18, 9-19		7/21	14:20	2	X										
25% CPT-18, 28-38		7/21	14:35	2	X										
25% Dup 1		7/21	8:00	2	X										
				10											

Analysis Request

BTEX/ MTBE & TPH as Gas (8021 / 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	BTEX/ MTBE & TPH as Gas (8260)	EPA 524.2 / 624 / 8260 (VOC)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Metals (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	Lead (total)	Soluble Lead (STLC)	Soluble Lead (TCLP)			
									X												
									X												
									X												
									X												
									X												

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
Cheri Page	7/25/17	13:35	Moises
Relinquished By: Moises	Date: 7/25/17	Time: 1840	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5°
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

COMMENTS:

VOAS O&G METALS OTHER HAZARDOUS
PRESERVATION pH<2

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Sample Receipt Checklist

Client Name:	**Harris & Lee Environmental Consulting, LLC**	Date and Time Received	**7/25/2017 18:40**
Project Name:	**Roseland Village**	Date Logged:	**7/26/2017**
		Received by:	Jena Alfaro
WorkOrder №:	**1707963** Matrix: Water	Logged by:	Jena Alfaro
Carrier:	Moises Vasquez (contract courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Sample/Temp Blank temperature	Temp: 5.1°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1707964

Report Created for: Harris & Lee Environmental Consulting, LLC

120 Ross Valley Drive
San Rafael, CA 94901

Project Contact: Cheri Page
Project P.O.:
Project Name: Roseland Village

Project Received: 07/25/2017

Analytical Report reviewed & approved for release on 08/01/2017 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

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Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: Roseland Village
WorkOrder: 1707964

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: Roseland Village
WorkOrder: 1707964

Analytical Qualifiers

S	Surrogate spike recovery outside accepted recovery limits
b1	Aqueous sample that contains greater than ~1 vol. % sediment
c2	Surrogate recovery outside of the control limits due to matrix interference.

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.
F2	LCS/LCSD recovery and/or RPD is out of acceptance criteria.

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/26/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 24-32	1707964-004A	Sludge	07/24/2017 14:30	GC10	142632

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	08/01/2017 01:29
tert-Amyl methyl ether (TAME)	ND	0.0050	1	08/01/2017 01:29
Benzene	ND	0.0050	1	08/01/2017 01:29
Bromobenzene	ND	0.0050	1	08/01/2017 01:29
Bromochloromethane	ND	0.0050	1	08/01/2017 01:29
Bromodichloromethane	ND	0.0050	1	08/01/2017 01:29
Bromoform	ND	0.0050	1	08/01/2017 01:29
Bromomethane	ND	0.0050	1	08/01/2017 01:29
2-Butanone (MEK)	ND	0.020	1	08/01/2017 01:29
t-Butyl alcohol (TBA)	ND	0.050	1	08/01/2017 01:29
n-Butyl benzene	ND	0.0050	1	08/01/2017 01:29
sec-Butyl benzene	ND	0.0050	1	08/01/2017 01:29
tert-Butyl benzene	ND	0.0050	1	08/01/2017 01:29
Carbon Disulfide	ND	0.0050	1	08/01/2017 01:29
Carbon Tetrachloride	ND	0.0050	1	08/01/2017 01:29
Chlorobenzene	ND	0.0050	1	08/01/2017 01:29
Chloroethane	ND	0.0050	1	08/01/2017 01:29
Chloroform	ND	0.0050	1	08/01/2017 01:29
Chloromethane	ND	0.0050	1	08/01/2017 01:29
2-Chlorotoluene	ND	0.0050	1	08/01/2017 01:29
4-Chlorotoluene	ND	0.0050	1	08/01/2017 01:29
Dibromochloromethane	ND	0.0050	1	08/01/2017 01:29
1,2-Dibromo-3-chloropropane	ND	0.0040	1	08/01/2017 01:29
1,2-Dibromoethane (EDB)	ND	0.0040	1	08/01/2017 01:29
Dibromomethane	ND	0.0050	1	08/01/2017 01:29
1,2-Dichlorobenzene	ND	0.0050	1	08/01/2017 01:29
1,3-Dichlorobenzene	ND	0.0050	1	08/01/2017 01:29
1,4-Dichlorobenzene	ND	0.0050	1	08/01/2017 01:29
Dichlorodifluoromethane	ND	0.0050	1	08/01/2017 01:29
1,1-Dichloroethane	ND	0.0050	1	08/01/2017 01:29
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	08/01/2017 01:29
1,1-Dichloroethene	ND	0.0050	1	08/01/2017 01:29
cis-1,2-Dichloroethene	ND	0.0050	1	08/01/2017 01:29
trans-1,2-Dichloroethene	ND	0.0050	1	08/01/2017 01:29
1,2-Dichloropropane	ND	0.0050	1	08/01/2017 01:29
1,3-Dichloropropane	ND	0.0050	1	08/01/2017 01:29
2,2-Dichloropropane	ND	0.0050	1	08/01/2017 01:29

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/26/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 24-32	1707964-004A	Sludge	07/24/2017 14:30	GC10	142632

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	08/01/2017 01:29
cis-1,3-Dichloropropene	ND	0.0050	1	08/01/2017 01:29
trans-1,3-Dichloropropene	ND	0.0050	1	08/01/2017 01:29
Diisopropyl ether (DIPE)	ND	0.0050	1	08/01/2017 01:29
Ethylbenzene	ND	0.0050	1	08/01/2017 01:29
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	08/01/2017 01:29
Freon 113	ND	0.0050	1	08/01/2017 01:29
Hexachlorobutadiene	ND	0.0050	1	08/01/2017 01:29
Hexachloroethane	ND	0.0050	1	08/01/2017 01:29
2-Hexanone	ND	0.0050	1	08/01/2017 01:29
Isopropylbenzene	ND	0.0050	1	08/01/2017 01:29
4-Isopropyl toluene	ND	0.0050	1	08/01/2017 01:29
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	08/01/2017 01:29
Methylene chloride	ND	0.0050	1	08/01/2017 01:29
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	08/01/2017 01:29
Naphthalene	ND	0.0050	1	08/01/2017 01:29
n-Propyl benzene	ND	0.0050	1	08/01/2017 01:29
Styrene	ND	0.0050	1	08/01/2017 01:29
1,1,1,2-Tetrachloroethane	ND	0.0050	1	08/01/2017 01:29
1,1,2,2-Tetrachloroethane	ND	0.0050	1	08/01/2017 01:29
Tetrachloroethene	ND	0.0050	1	08/01/2017 01:29
Toluene	ND	0.0050	1	08/01/2017 01:29
1,2,3-Trichlorobenzene	ND	0.0050	1	08/01/2017 01:29
1,2,4-Trichlorobenzene	ND	0.0050	1	08/01/2017 01:29
1,1,1-Trichloroethane	ND	0.0050	1	08/01/2017 01:29
1,1,2-Trichloroethane	ND	0.0050	1	08/01/2017 01:29
Trichloroethene	ND	0.0050	1	08/01/2017 01:29
Trichlorofluoromethane	ND	0.0050	1	08/01/2017 01:29
1,2,3-Trichloropropane	ND	0.0050	1	08/01/2017 01:29
1,2,4-Trimethylbenzene	ND	0.0050	1	08/01/2017 01:29
1,3,5-Trimethylbenzene	ND	0.0050	1	08/01/2017 01:29
Vinyl Chloride	ND	0.0050	1	08/01/2017 01:29
Xylenes, Total	ND	0.0050	1	08/01/2017 01:29

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/26/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 24-32	**1707964-004A**	**Sludge**	**07/24/2017 14:30**	**GC10**	**142632**

Analytes	Result		RL	DF	Date Analyzed
Surrogates	REC (%)	Qualifiers	Limits		
Dibromofluoromethane	102		70-130		08/01/2017 01:29
Toluene-d8	107		70-130		08/01/2017 01:29
4-BFB	99		70-130		08/01/2017 01:29
Benzene-d6	53	S	60-140		08/01/2017 01:29
Ethylbenzene-d10	63		60-140		08/01/2017 01:29
1,2-DCB-d4	56	S	60-140		08/01/2017 01:29

Analyst(s): KF Analytical Comments: c2

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-19, 10-20	1707964-001A	Water	07/24/2017 10:20	GC38	142806

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/29/2017 04:21
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/29/2017 04:21
Benzene	ND	0.50	1	07/29/2017 04:21
Bromobenzene	ND	0.50	1	07/29/2017 04:21
Bromochloromethane	ND	0.50	1	07/29/2017 04:21
Bromodichloromethane	ND	0.50	1	07/29/2017 04:21
Bromoform	ND	0.50	1	07/29/2017 04:21
Bromomethane	ND	0.50	1	07/29/2017 04:21
2-Butanone (MEK)	ND	2.0	1	07/29/2017 04:21
t-Butyl alcohol (TBA)	ND	2.0	1	07/29/2017 04:21
n-Butyl benzene	ND	0.50	1	07/29/2017 04:21
sec-Butyl benzene	ND	0.50	1	07/29/2017 04:21
tert-Butyl benzene	ND	0.50	1	07/29/2017 04:21
Carbon Disulfide	ND	0.50	1	07/29/2017 04:21
Carbon Tetrachloride	ND	0.50	1	07/29/2017 04:21
Chlorobenzene	ND	0.50	1	07/29/2017 04:21
Chloroethane	ND	0.50	1	07/29/2017 04:21
Chloroform	ND	0.50	1	07/29/2017 04:21
Chloromethane	ND	0.50	1	07/29/2017 04:21
2-Chlorotoluene	ND	0.50	1	07/29/2017 04:21
4-Chlorotoluene	ND	0.50	1	07/29/2017 04:21
Dibromochloromethane	ND	0.50	1	07/29/2017 04:21
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/29/2017 04:21
1,2-Dibromoethane (EDB)	ND	0.50	1	07/29/2017 04:21
Dibromomethane	ND	0.50	1	07/29/2017 04:21
1,2-Dichlorobenzene	ND	0.50	1	07/29/2017 04:21
1,3-Dichlorobenzene	ND	0.50	1	07/29/2017 04:21
1,4-Dichlorobenzene	ND	0.50	1	07/29/2017 04:21
Dichlorodifluoromethane	ND	0.50	1	07/29/2017 04:21
1,1-Dichloroethane	ND	0.50	1	07/29/2017 04:21
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/29/2017 04:21
1,1-Dichloroethene	ND	0.50	1	07/29/2017 04:21
cis-1,2-Dichloroethene	ND	0.50	1	07/29/2017 04:21
trans-1,2-Dichloroethene	ND	0.50	1	07/29/2017 04:21
1,2-Dichloropropane	ND	0.50	1	07/29/2017 04:21
1,3-Dichloropropane	ND	0.50	1	07/29/2017 04:21
2,2-Dichloropropane	ND	0.50	1	07/29/2017 04:21

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-19, 10-20	1707964-001A	Water	07/24/2017 10:20	GC38	142806

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/29/2017 04:21
cis-1,3-Dichloropropene	ND	0.50	1	07/29/2017 04:21
trans-1,3-Dichloropropene	ND	0.50	1	07/29/2017 04:21
Diisopropyl ether (DIPE)	ND	0.50	1	07/29/2017 04:21
Ethylbenzene	ND	0.50	1	07/29/2017 04:21
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/29/2017 04:21
Freon 113	ND	0.50	1	07/29/2017 04:21
Hexachlorobutadiene	ND	0.50	1	07/29/2017 04:21
Hexachloroethane	ND	0.50	1	07/29/2017 04:21
2-Hexanone	ND	0.50	1	07/29/2017 04:21
Isopropylbenzene	ND	0.50	1	07/29/2017 04:21
4-Isopropyl toluene	ND	0.50	1	07/29/2017 04:21
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/29/2017 04:21
Methylene chloride	ND	0.50	1	07/29/2017 04:21
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/29/2017 04:21
Naphthalene	ND	0.50	1	07/29/2017 04:21
n-Propyl benzene	ND	0.50	1	07/29/2017 04:21
Styrene	ND	0.50	1	07/29/2017 04:21
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/29/2017 04:21
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/29/2017 04:21
Tetrachloroethene	ND	0.50	1	07/29/2017 04:21
Toluene	ND	0.50	1	07/29/2017 04:21
1,2,3-Trichlorobenzene	ND	0.50	1	07/29/2017 04:21
1,2,4-Trichlorobenzene	ND	0.50	1	07/29/2017 04:21
1,1,1-Trichloroethane	ND	0.50	1	07/29/2017 04:21
1,1,2-Trichloroethane	ND	0.50	1	07/29/2017 04:21
Trichloroethene	ND	0.50	1	07/29/2017 04:21
Trichlorofluoromethane	ND	0.50	1	07/29/2017 04:21
1,2,3-Trichloropropane	ND	0.50	1	07/29/2017 04:21
1,2,4-Trimethylbenzene	ND	0.50	1	07/29/2017 04:21
1,3,5-Trimethylbenzene	ND	0.50	1	07/29/2017 04:21
Vinyl Chloride	ND	0.50	1	07/29/2017 04:21
Xylenes, Total	ND	0.50	1	07/29/2017 04:21

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-19, 10-20	**1707964-001A**	**Water**	**07/24/2017 10:20**	**GC38**	**142806**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	117	70-130		07/29/2017 04:21
Toluene-d8	103	70-130		07/29/2017 04:21
4-BFB	87	70-130		07/29/2017 04:21

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-19, 30-40	1707964-002A	Water	07/24/2017 11:20	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/31/2017 22:30
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/31/2017 22:30
Benzene	ND	0.50	1	07/31/2017 22:30
Bromobenzene	ND	0.50	1	07/31/2017 22:30
Bromochloromethane	ND	0.50	1	07/31/2017 22:30
Bromodichloromethane	ND	0.50	1	07/31/2017 22:30
Bromoform	ND	0.50	1	07/31/2017 22:30
Bromomethane	ND	0.50	1	07/31/2017 22:30
2-Butanone (MEK)	ND	2.0	1	07/31/2017 22:30
t-Butyl alcohol (TBA)	ND	2.0	1	07/31/2017 22:30
n-Butyl benzene	ND	0.50	1	07/31/2017 22:30
sec-Butyl benzene	ND	0.50	1	07/31/2017 22:30
tert-Butyl benzene	ND	0.50	1	07/31/2017 22:30
Carbon Disulfide	ND	0.50	1	07/31/2017 22:30
Carbon Tetrachloride	ND	0.50	1	07/31/2017 22:30
Chlorobenzene	ND	0.50	1	07/31/2017 22:30
Chloroethane	ND	0.50	1	07/31/2017 22:30
Chloroform	ND	0.50	1	07/31/2017 22:30
Chloromethane	ND	0.50	1	07/31/2017 22:30
2-Chlorotoluene	ND	0.50	1	07/31/2017 22:30
4-Chlorotoluene	ND	0.50	1	07/31/2017 22:30
Dibromochloromethane	ND	0.50	1	07/31/2017 22:30
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/31/2017 22:30
1,2-Dibromoethane (EDB)	ND	0.50	1	07/31/2017 22:30
Dibromomethane	ND	0.50	1	07/31/2017 22:30
1,2-Dichlorobenzene	ND	0.50	1	07/31/2017 22:30
1,3-Dichlorobenzene	ND	0.50	1	07/31/2017 22:30
1,4-Dichlorobenzene	ND	0.50	1	07/31/2017 22:30
Dichlorodifluoromethane	ND	0.50	1	07/31/2017 22:30
1,1-Dichloroethane	ND	0.50	1	07/31/2017 22:30
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/31/2017 22:30
1,1-Dichloroethene	ND	0.50	1	07/31/2017 22:30
cis-1,2-Dichloroethene	ND	0.50	1	07/31/2017 22:30
trans-1,2-Dichloroethene	ND	0.50	1	07/31/2017 22:30
1,2-Dichloropropane	ND	0.50	1	07/31/2017 22:30
1,3-Dichloropropane	ND	0.50	1	07/31/2017 22:30
2,2-Dichloropropane	ND	0.50	1	07/31/2017 22:30

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-19, 30-40	1707964-002A	Water	07/24/2017 11:20	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/31/2017 22:30
cis-1,3-Dichloropropene	ND	0.50	1	07/31/2017 22:30
trans-1,3-Dichloropropene	ND	0.50	1	07/31/2017 22:30
Diisopropyl ether (DIPE)	ND	0.50	1	07/31/2017 22:30
Ethylbenzene	ND	0.50	1	07/31/2017 22:30
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/31/2017 22:30
Freon 113	ND	0.50	1	07/31/2017 22:30
Hexachlorobutadiene	ND	0.50	1	07/31/2017 22:30
Hexachloroethane	ND	0.50	1	07/31/2017 22:30
2-Hexanone	ND	0.50	1	07/31/2017 22:30
Isopropylbenzene	ND	0.50	1	07/31/2017 22:30
4-Isopropyl toluene	ND	0.50	1	07/31/2017 22:30
Methyl-t-butyl ether (MTBE)	**0.78**	0.50	1	07/31/2017 22:30
Methylene chloride	ND	0.50	1	07/31/2017 22:30
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/31/2017 22:30
Naphthalene	ND	0.50	1	07/31/2017 22:30
n-Propyl benzene	ND	0.50	1	07/31/2017 22:30
Styrene	ND	0.50	1	07/31/2017 22:30
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/31/2017 22:30
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/31/2017 22:30
Tetrachloroethene	**4.1**	0.50	1	07/31/2017 22:30
Toluene	ND	0.50	1	07/31/2017 22:30
1,2,3-Trichlorobenzene	ND	0.50	1	07/31/2017 22:30
1,2,4-Trichlorobenzene	ND	0.50	1	07/31/2017 22:30
1,1,1-Trichloroethane	ND	0.50	1	07/31/2017 22:30
1,1,2-Trichloroethane	ND	0.50	1	07/31/2017 22:30
Trichloroethene	ND	0.50	1	07/31/2017 22:30
Trichlorofluoromethane	ND	0.50	1	07/31/2017 22:30
1,2,3-Trichloropropane	ND	0.50	1	07/31/2017 22:30
1,2,4-Trimethylbenzene	ND	0.50	1	07/31/2017 22:30
1,3,5-Trimethylbenzene	ND	0.50	1	07/31/2017 22:30
Vinyl Chloride	ND	0.50	1	07/31/2017 22:30
Xylenes, Total	ND	0.50	1	07/31/2017 22:30

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-19, 30-40	**1707964-002A**	**Water**	**07/24/2017 11:20**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	110	70-130		07/31/2017 22:30
Toluene-d8	104	70-130		07/31/2017 22:30
4-BFB	115	70-130		07/31/2017 22:30

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 10-20	1707964-003A	Water	07/24/2017 14:15	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/31/2017 23:11
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/31/2017 23:11
Benzene	ND	0.50	1	07/31/2017 23:11
Bromobenzene	ND	0.50	1	07/31/2017 23:11
Bromochloromethane	ND	0.50	1	07/31/2017 23:11
Bromodichloromethane	ND	0.50	1	07/31/2017 23:11
Bromoform	ND	0.50	1	07/31/2017 23:11
Bromomethane	ND	0.50	1	07/31/2017 23:11
2-Butanone (MEK)	ND	2.0	1	07/31/2017 23:11
t-Butyl alcohol (TBA)	ND	2.0	1	07/31/2017 23:11
n-Butyl benzene	ND	0.50	1	07/31/2017 23:11
sec-Butyl benzene	ND	0.50	1	07/31/2017 23:11
tert-Butyl benzene	ND	0.50	1	07/31/2017 23:11
Carbon Disulfide	ND	0.50	1	07/31/2017 23:11
Carbon Tetrachloride	ND	0.50	1	07/31/2017 23:11
Chlorobenzene	ND	0.50	1	07/31/2017 23:11
Chloroethane	ND	0.50	1	07/31/2017 23:11
Chloroform	ND	0.50	1	07/31/2017 23:11
Chloromethane	ND	0.50	1	07/31/2017 23:11
2-Chlorotoluene	ND	0.50	1	07/31/2017 23:11
4-Chlorotoluene	ND	0.50	1	07/31/2017 23:11
Dibromochloromethane	ND	0.50	1	07/31/2017 23:11
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/31/2017 23:11
1,2-Dibromoethane (EDB)	ND	0.50	1	07/31/2017 23:11
Dibromomethane	ND	0.50	1	07/31/2017 23:11
1,2-Dichlorobenzene	ND	0.50	1	07/31/2017 23:11
1,3-Dichlorobenzene	ND	0.50	1	07/31/2017 23:11
1,4-Dichlorobenzene	ND	0.50	1	07/31/2017 23:11
Dichlorodifluoromethane	ND	0.50	1	07/31/2017 23:11
1,1-Dichloroethane	ND	0.50	1	07/31/2017 23:11
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/31/2017 23:11
1,1-Dichloroethene	ND	0.50	1	07/31/2017 23:11
cis-1,2-Dichloroethene	ND	0.50	1	07/31/2017 23:11
trans-1,2-Dichloroethene	ND	0.50	1	07/31/2017 23:11
1,2-Dichloropropane	ND	0.50	1	07/31/2017 23:11
1,3-Dichloropropane	ND	0.50	1	07/31/2017 23:11
2,2-Dichloropropane	ND	0.50	1	07/31/2017 23:11

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 10-20	1707964-003A	Water	07/24/2017 14:15	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/31/2017 23:11
cis-1,3-Dichloropropene	ND	0.50	1	07/31/2017 23:11
trans-1,3-Dichloropropene	ND	0.50	1	07/31/2017 23:11
Diisopropyl ether (DIPE)	ND	0.50	1	07/31/2017 23:11
Ethylbenzene	ND	0.50	1	07/31/2017 23:11
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/31/2017 23:11
Freon 113	ND	0.50	1	07/31/2017 23:11
Hexachlorobutadiene	ND	0.50	1	07/31/2017 23:11
Hexachloroethane	ND	0.50	1	07/31/2017 23:11
2-Hexanone	ND	0.50	1	07/31/2017 23:11
Isopropylbenzene	ND	0.50	1	07/31/2017 23:11
4-Isopropyl toluene	ND	0.50	1	07/31/2017 23:11
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/31/2017 23:11
Methylene chloride	ND	0.50	1	07/31/2017 23:11
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/31/2017 23:11
Naphthalene	ND	0.50	1	07/31/2017 23:11
n-Propyl benzene	ND	0.50	1	07/31/2017 23:11
Styrene	ND	0.50	1	07/31/2017 23:11
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/31/2017 23:11
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/31/2017 23:11
Tetrachloroethene	ND	0.50	1	07/31/2017 23:11
Toluene	ND	0.50	1	07/31/2017 23:11
1,2,3-Trichlorobenzene	ND	0.50	1	07/31/2017 23:11
1,2,4-Trichlorobenzene	ND	0.50	1	07/31/2017 23:11
1,1,1-Trichloroethane	ND	0.50	1	07/31/2017 23:11
1,1,2-Trichloroethane	ND	0.50	1	07/31/2017 23:11
Trichloroethene	ND	0.50	1	07/31/2017 23:11
Trichlorofluoromethane	ND	0.50	1	07/31/2017 23:11
1,2,3-Trichloropropane	ND	0.50	1	07/31/2017 23:11
1,2,4-Trimethylbenzene	ND	0.50	1	07/31/2017 23:11
1,3,5-Trimethylbenzene	ND	0.50	1	07/31/2017 23:11
Vinyl Chloride	ND	0.50	1	07/31/2017 23:11
Xylenes, Total	ND	0.50	1	07/31/2017 23:11

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 10-20	**1707964-003A**	**Water**	**07/24/2017 14:15**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	109	70-130		07/31/2017 23:11
Toluene-d8	105	70-130		07/31/2017 23:11
4-BFB	118	70-130		07/31/2017 23:11

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 40-44	1707964-005A	Water	07/24/2017 14:50	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/29/2017 20:46
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/29/2017 20:46
Benzene	ND	0.50	1	07/29/2017 20:46
Bromobenzene	ND	0.50	1	07/29/2017 20:46
Bromochloromethane	ND	0.50	1	07/29/2017 20:46
Bromodichloromethane	ND	0.50	1	07/29/2017 20:46
Bromoform	ND	0.50	1	07/29/2017 20:46
Bromomethane	ND	0.50	1	07/29/2017 20:46
2-Butanone (MEK)	ND	2.0	1	07/29/2017 20:46
t-Butyl alcohol (TBA)	ND	2.0	1	07/29/2017 20:46
n-Butyl benzene	ND	0.50	1	07/29/2017 20:46
sec-Butyl benzene	ND	0.50	1	07/29/2017 20:46
tert-Butyl benzene	ND	0.50	1	07/29/2017 20:46
Carbon Disulfide	ND	0.50	1	07/29/2017 20:46
Carbon Tetrachloride	ND	0.50	1	07/29/2017 20:46
Chlorobenzene	ND	0.50	1	07/29/2017 20:46
Chloroethane	ND	0.50	1	07/29/2017 20:46
Chloroform	ND	0.50	1	07/29/2017 20:46
Chloromethane	ND	0.50	1	07/29/2017 20:46
2-Chlorotoluene	ND	0.50	1	07/29/2017 20:46
4-Chlorotoluene	ND	0.50	1	07/29/2017 20:46
Dibromochloromethane	ND	0.50	1	07/29/2017 20:46
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/29/2017 20:46
1,2-Dibromoethane (EDB)	ND	0.50	1	07/29/2017 20:46
Dibromomethane	ND	0.50	1	07/29/2017 20:46
1,2-Dichlorobenzene	ND	0.50	1	07/29/2017 20:46
1,3-Dichlorobenzene	ND	0.50	1	07/29/2017 20:46
1,4-Dichlorobenzene	ND	0.50	1	07/29/2017 20:46
Dichlorodifluoromethane	ND	0.50	1	07/29/2017 20:46
1,1-Dichloroethane	ND	0.50	1	07/29/2017 20:46
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/29/2017 20:46
1,1-Dichloroethene	ND	0.50	1	07/29/2017 20:46
cis-1,2-Dichloroethene	ND	0.50	1	07/29/2017 20:46
trans-1,2-Dichloroethene	ND	0.50	1	07/29/2017 20:46
1,2-Dichloropropane	ND	0.50	1	07/29/2017 20:46
1,3-Dichloropropane	ND	0.50	1	07/29/2017 20:46
2,2-Dichloropropane	ND	0.50	1	07/29/2017 20:46

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 40-44	1707964-005A	Water	07/24/2017 14:50	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/29/2017 20:46
cis-1,3-Dichloropropene	ND	0.50	1	07/29/2017 20:46
trans-1,3-Dichloropropene	ND	0.50	1	07/29/2017 20:46
Diisopropyl ether (DIPE)	ND	0.50	1	07/29/2017 20:46
Ethylbenzene	ND	0.50	1	07/29/2017 20:46
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/29/2017 20:46
Freon 113	ND	0.50	1	07/29/2017 20:46
Hexachlorobutadiene	ND	0.50	1	07/29/2017 20:46
Hexachloroethane	ND	0.50	1	07/29/2017 20:46
2-Hexanone	ND	0.50	1	07/29/2017 20:46
Isopropylbenzene	ND	0.50	1	07/29/2017 20:46
4-Isopropyl toluene	ND	0.50	1	07/29/2017 20:46
Methyl-t-butyl ether (MTBE)	**0.58**	0.50	1	07/29/2017 20:46
Methylene chloride	ND	0.50	1	07/29/2017 20:46
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/29/2017 20:46
Naphthalene	ND	0.50	1	07/29/2017 20:46
n-Propyl benzene	ND	0.50	1	07/29/2017 20:46
Styrene	ND	0.50	1	07/29/2017 20:46
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/29/2017 20:46
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/29/2017 20:46
Tetrachloroethene	**5.1**	0.50	1	07/29/2017 20:46
Toluene	ND	0.50	1	07/29/2017 20:46
1,2,3-Trichlorobenzene	ND	0.50	1	07/29/2017 20:46
1,2,4-Trichlorobenzene	ND	0.50	1	07/29/2017 20:46
1,1,1-Trichloroethane	ND	0.50	1	07/29/2017 20:46
1,1,2-Trichloroethane	ND	0.50	1	07/29/2017 20:46
Trichloroethene	ND	0.50	1	07/29/2017 20:46
Trichlorofluoromethane	ND	0.50	1	07/29/2017 20:46
1,2,3-Trichloropropane	ND	0.50	1	07/29/2017 20:46
1,2,4-Trimethylbenzene	ND	0.50	1	07/29/2017 20:46
1,3,5-Trimethylbenzene	ND	0.50	1	07/29/2017 20:46
Vinyl Chloride	ND	0.50	1	07/29/2017 20:46
Xylenes, Total	ND	0.50	1	07/29/2017 20:46

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 40-44	**1707964-005A**	**Water**	**07/24/2017 14:50**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	108	70-130		07/29/2017 20:46
Toluene-d8	111	70-130		07/29/2017 20:46
4-BFB	118	70-130		07/29/2017 20:46

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 58-62	1707964-006A	Water	07/24/2017 15:10	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	08/01/2017 00:31
tert-Amyl methyl ether (TAME)	ND	0.50	1	08/01/2017 00:31
Benzene	ND	0.50	1	08/01/2017 00:31
Bromobenzene	ND	0.50	1	08/01/2017 00:31
Bromochloromethane	ND	0.50	1	08/01/2017 00:31
Bromodichloromethane	ND	0.50	1	08/01/2017 00:31
Bromoform	ND	0.50	1	08/01/2017 00:31
Bromomethane	ND	0.50	1	08/01/2017 00:31
2-Butanone (MEK)	ND	2.0	1	08/01/2017 00:31
t-Butyl alcohol (TBA)	ND	2.0	1	08/01/2017 00:31
n-Butyl benzene	ND	0.50	1	08/01/2017 00:31
sec-Butyl benzene	ND	0.50	1	08/01/2017 00:31
tert-Butyl benzene	ND	0.50	1	08/01/2017 00:31
Carbon Disulfide	ND	0.50	1	08/01/2017 00:31
Carbon Tetrachloride	ND	0.50	1	08/01/2017 00:31
Chlorobenzene	ND	0.50	1	08/01/2017 00:31
Chloroethane	ND	0.50	1	08/01/2017 00:31
Chloroform	ND	0.50	1	08/01/2017 00:31
Chloromethane	ND	0.50	1	08/01/2017 00:31
2-Chlorotoluene	ND	0.50	1	08/01/2017 00:31
4-Chlorotoluene	ND	0.50	1	08/01/2017 00:31
Dibromochloromethane	ND	0.50	1	08/01/2017 00:31
1,2-Dibromo-3-chloropropane	ND	0.20	1	08/01/2017 00:31
1,2-Dibromoethane (EDB)	ND	0.50	1	08/01/2017 00:31
Dibromomethane	ND	0.50	1	08/01/2017 00:31
1,2-Dichlorobenzene	ND	0.50	1	08/01/2017 00:31
1,3-Dichlorobenzene	ND	0.50	1	08/01/2017 00:31
1,4-Dichlorobenzene	ND	0.50	1	08/01/2017 00:31
Dichlorodifluoromethane	ND	0.50	1	08/01/2017 00:31
1,1-Dichloroethane	ND	0.50	1	08/01/2017 00:31
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	08/01/2017 00:31
1,1-Dichloroethene	ND	0.50	1	08/01/2017 00:31
cis-1,2-Dichloroethene	ND	0.50	1	08/01/2017 00:31
trans-1,2-Dichloroethene	ND	0.50	1	08/01/2017 00:31
1,2-Dichloropropane	ND	0.50	1	08/01/2017 00:31
1,3-Dichloropropane	ND	0.50	1	08/01/2017 00:31
2,2-Dichloropropane	ND	0.50	1	08/01/2017 00:31

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 58-62	1707964-006A	Water	07/24/2017 15:10	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	08/01/2017 00:31
cis-1,3-Dichloropropene	ND	0.50	1	08/01/2017 00:31
trans-1,3-Dichloropropene	ND	0.50	1	08/01/2017 00:31
Diisopropyl ether (DIPE)	ND	0.50	1	08/01/2017 00:31
Ethylbenzene	ND	0.50	1	08/01/2017 00:31
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	08/01/2017 00:31
Freon 113	ND	0.50	1	08/01/2017 00:31
Hexachlorobutadiene	ND	0.50	1	08/01/2017 00:31
Hexachloroethane	ND	0.50	1	08/01/2017 00:31
2-Hexanone	ND	0.50	1	08/01/2017 00:31
Isopropylbenzene	ND	0.50	1	08/01/2017 00:31
4-Isopropyl toluene	ND	0.50	1	08/01/2017 00:31
Methyl-t-butyl ether (MTBE)	**3.6**	0.50	1	08/01/2017 00:31
Methylene chloride	ND	0.50	1	08/01/2017 00:31
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	08/01/2017 00:31
Naphthalene	ND	0.50	1	08/01/2017 00:31
n-Propyl benzene	ND	0.50	1	08/01/2017 00:31
Styrene	ND	0.50	1	08/01/2017 00:31
1,1,1,2-Tetrachloroethane	ND	0.50	1	08/01/2017 00:31
1,1,2,2-Tetrachloroethane	ND	0.50	1	08/01/2017 00:31
Tetrachloroethene	ND	0.50	1	08/01/2017 00:31
Toluene	ND	0.50	1	08/01/2017 00:31
1,2,3-Trichlorobenzene	ND	0.50	1	08/01/2017 00:31
1,2,4-Trichlorobenzene	ND	0.50	1	08/01/2017 00:31
1,1,1-Trichloroethane	ND	0.50	1	08/01/2017 00:31
1,1,2-Trichloroethane	ND	0.50	1	08/01/2017 00:31
Trichloroethene	ND	0.50	1	08/01/2017 00:31
Trichlorofluoromethane	ND	0.50	1	08/01/2017 00:31
1,2,3-Trichloropropane	ND	0.50	1	08/01/2017 00:31
1,2,4-Trimethylbenzene	ND	0.50	1	08/01/2017 00:31
1,3,5-Trimethylbenzene	ND	0.50	1	08/01/2017 00:31
Vinyl Chloride	ND	0.50	1	08/01/2017 00:31
Xylenes, Total	ND	0.50	1	08/01/2017 00:31

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-15, 58-62	**1707964-006A**	**Water**	**07/24/2017 15:10**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	110	70-130		08/01/2017 00:31
Toluene-d8	104	70-130		08/01/2017 00:31
4-BFB	117	70-130		08/01/2017 00:31

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Travel Blank	**1707964-007A**	**Water**	**07/24/2017 15:15**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/29/2017 22:07
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/29/2017 22:07
Benzene	ND	0.50	1	07/29/2017 22:07
Bromobenzene	ND	0.50	1	07/29/2017 22:07
Bromochloromethane	ND	0.50	1	07/29/2017 22:07
Bromodichloromethane	ND	0.50	1	07/29/2017 22:07
Bromoform	ND	0.50	1	07/29/2017 22:07
Bromomethane	ND	0.50	1	07/29/2017 22:07
2-Butanone (MEK)	ND	2.0	1	07/29/2017 22:07
t-Butyl alcohol (TBA)	ND	2.0	1	07/29/2017 22:07
n-Butyl benzene	ND	0.50	1	07/29/2017 22:07
sec-Butyl benzene	ND	0.50	1	07/29/2017 22:07
tert-Butyl benzene	ND	0.50	1	07/29/2017 22:07
Carbon Disulfide	ND	0.50	1	07/29/2017 22:07
Carbon Tetrachloride	ND	0.50	1	07/29/2017 22:07
Chlorobenzene	ND	0.50	1	07/29/2017 22:07
Chloroethane	ND	0.50	1	07/29/2017 22:07
Chloroform	ND	0.50	1	07/29/2017 22:07
Chloromethane	ND	0.50	1	07/29/2017 22:07
2-Chlorotoluene	ND	0.50	1	07/29/2017 22:07
4-Chlorotoluene	ND	0.50	1	07/29/2017 22:07
Dibromochloromethane	ND	0.50	1	07/29/2017 22:07
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/29/2017 22:07
1,2-Dibromoethane (EDB)	ND	0.50	1	07/29/2017 22:07
Dibromomethane	ND	0.50	1	07/29/2017 22:07
1,2-Dichlorobenzene	ND	0.50	1	07/29/2017 22:07
1,3-Dichlorobenzene	ND	0.50	1	07/29/2017 22:07
1,4-Dichlorobenzene	ND	0.50	1	07/29/2017 22:07
Dichlorodifluoromethane	ND	0.50	1	07/29/2017 22:07
1,1-Dichloroethane	ND	0.50	1	07/29/2017 22:07
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/29/2017 22:07
1,1-Dichloroethene	ND	0.50	1	07/29/2017 22:07
cis-1,2-Dichloroethene	ND	0.50	1	07/29/2017 22:07
trans-1,2-Dichloroethene	ND	0.50	1	07/29/2017 22:07
1,2-Dichloropropane	ND	0.50	1	07/29/2017 22:07
1,3-Dichloropropane	ND	0.50	1	07/29/2017 22:07
2,2-Dichloropropane	ND	0.50	1	07/29/2017 22:07

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Travel Blank	**1707964-007A**	**Water**	**07/24/2017 15:15**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/29/2017 22:07
cis-1,3-Dichloropropene	ND	0.50	1	07/29/2017 22:07
trans-1,3-Dichloropropene	ND	0.50	1	07/29/2017 22:07
Diisopropyl ether (DIPE)	ND	0.50	1	07/29/2017 22:07
Ethylbenzene	ND	0.50	1	07/29/2017 22:07
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/29/2017 22:07
Freon 113	ND	0.50	1	07/29/2017 22:07
Hexachlorobutadiene	ND	0.50	1	07/29/2017 22:07
Hexachloroethane	ND	0.50	1	07/29/2017 22:07
2-Hexanone	ND	0.50	1	07/29/2017 22:07
Isopropylbenzene	ND	0.50	1	07/29/2017 22:07
4-Isopropyl toluene	ND	0.50	1	07/29/2017 22:07
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/29/2017 22:07
Methylene chloride	ND	0.50	1	07/29/2017 22:07
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/29/2017 22:07
Naphthalene	ND	0.50	1	07/29/2017 22:07
n-Propyl benzene	ND	0.50	1	07/29/2017 22:07
Styrene	ND	0.50	1	07/29/2017 22:07
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/29/2017 22:07
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/29/2017 22:07
Tetrachloroethene	ND	0.50	1	07/29/2017 22:07
Toluene	ND	0.50	1	07/29/2017 22:07
1,2,3-Trichlorobenzene	ND	0.50	1	07/29/2017 22:07
1,2,4-Trichlorobenzene	ND	0.50	1	07/29/2017 22:07
1,1,1-Trichloroethane	ND	0.50	1	07/29/2017 22:07
1,1,2-Trichloroethane	ND	0.50	1	07/29/2017 22:07
Trichloroethene	ND	0.50	1	07/29/2017 22:07
Trichlorofluoromethane	ND	0.50	1	07/29/2017 22:07
1,2,3-Trichloropropane	ND	0.50	1	07/29/2017 22:07
1,2,4-Trimethylbenzene	ND	0.50	1	07/29/2017 22:07
1,3,5-Trimethylbenzene	ND	0.50	1	07/29/2017 22:07
Vinyl Chloride	ND	0.50	1	07/29/2017 22:07
Xylenes, Total	ND	0.50	1	07/29/2017 22:07

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	Roseland Village	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Travel Blank	**1707964-007A**	**Water**	**07/24/2017 15:15**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	108	70-130		07/29/2017 22:07
Toluene-d8	111	70-130		07/29/2017 22:07
4-BFB	117	70-130		07/29/2017 22:07

Analyst(s): KF

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/26/17	**BatchID:**	142632
Date Analyzed:	7/26/17 - 7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	Roseland Village	**Sample ID:**	MB/LCS-142632 1707968-002AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	1.01	0.10	1	-	101	72-156
tert-Amyl methyl ether (TAME)	ND	0.0417	0.0050	0.050	-	83	53-116
Benzene	ND	0.0425	0.0050	0.050	-	85	63-137
Bromobenzene	ND	0.0479	0.0050	0.050	-	96	68-126
Bromochloromethane	ND	0.0441	0.0050	0.050	-	88	72-126
Bromodichloromethane	ND	0.0438	0.0050	0.050	-	88	61-127
Bromoform	ND	0.0342	0.0050	0.050	-	68	49-100
Bromomethane	ND	0.0324	0.0050	0.050	-	65	40-161
2-Butanone (MEK)	ND	0.189	0.020	0.20	-	94	43-157
t-Butyl alcohol (TBA)	ND	0.203	0.050	0.20	-	101	41-135
n-Butyl benzene	ND	0.0670	0.0050	0.050	-	134	102-160
sec-Butyl benzene	ND	0.0609	0.0050	0.050	-	122	74-168
tert-Butyl benzene	ND	0.0604	0.0050	0.050	-	121	88-157
Carbon Disulfide	ND	0.0445	0.0050	0.050	-	89	42-151
Carbon Tetrachloride	ND	0.0463	0.0050	0.050	-	93	49-149
Chlorobenzene	ND	0.0440	0.0050	0.050	-	88	77-121
Chloroethane	ND	0.0328	0.0050	0.050	-	66	41-134
Chloroform	ND	0.0442	0.0050	0.050	-	88	69-133
Chloromethane	ND	0.0261	0.0050	0.050	-	52	31-119
2-Chlorotoluene	ND	0.0532	0.0050	0.050	-	106	79-139
4-Chlorotoluene	ND	0.0506	0.0050	0.050	-	101	77-138
Dibromochloromethane	ND	0.0406	0.0050	0.050	-	81	58-121
1,2-Dibromo-3-chloropropane	ND	0.0205	0.0040	0.020	-	102	39-115
1,2-Dibromoethane (EDB)	ND	0.0472	0.0040	0.050	-	94	67-119
Dibromomethane	ND	0.0425	0.0050	0.050	-	85	66-117
1,2-Dichlorobenzene	ND	0.0392	0.0050	0.050	-	78	59-109
1,3-Dichlorobenzene	ND	0.0477	0.0050	0.050	-	95	75-130
1,4-Dichlorobenzene	ND	0.0446	0.0050	0.050	-	89	71-122
Dichlorodifluoromethane	ND	0.0107	0.0050	0.050	-	21, F2	43-68
1,1-Dichloroethane	ND	0.0439	0.0050	0.050	-	88	62-139
1,2-Dichloroethane (1,2-DCA)	ND	0.0448	0.0040	0.050	-	90	58-135
1,1-Dichloroethene	ND	0.0398	0.0050	0.050	-	80	42-145
cis-1,2-Dichloroethene	ND	0.0486	0.0050	0.050	-	97	67-129
trans-1,2-Dichloroethene	ND	0.0363	0.0050	0.050	-	73	54-139
1,2-Dichloropropane	ND	0.0432	0.0050	0.050	-	86	68-125
1,3-Dichloropropane	ND	0.0495	0.0050	0.050	-	99	65-125
2,2-Dichloropropane	ND	0.0483	0.0050	0.050	-	97	45-151

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/26/17	**BatchID:**	142632
Date Analyzed:	7/26/17 - 7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	Roseland Village	**Sample ID:**	MB/LCS-142632 1707968-002AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	0.0413	0.0050	0.050	-	83	64-138
cis-1,3-Dichloropropene	ND	0.0509	0.0050	0.050	-	102	62-134
trans-1,3-Dichloropropene	ND	0.0464	0.0050	0.050	-	93	59-128
Diisopropyl ether (DIPE)	ND	0.0430	0.0050	0.050	-	86	52-129
Ethylbenzene	ND	0.0508	0.0050	0.050	-	102	74-142
Ethyl tert-butyl ether (ETBE)	ND	0.0441	0.0050	0.050	-	88	53-125
Freon 113	ND	0.0348	0.0050	0.050	-	70	51-126
Hexachlorobutadiene	ND	0.0610	0.0050	0.050	-	122	70-158
Hexachloroethane	ND	0.0498	0.0050	0.050	-	100	80-160
2-Hexanone	ND	0.0442	0.0050	0.050	-	88	41-116
Isopropylbenzene	ND	0.0546	0.0050	0.050	-	109	77-146
4-Isopropyl toluene	ND	0.0578	0.0050	0.050	-	116	96-159
Methyl-t-butyl ether (MTBE)	ND	0.0437	0.0050	0.050	-	87	58-122
Methylene chloride	ND	0.0460	0.0050	0.050	-	92	58-135
4-Methyl-2-pentanone (MIBK)	ND	0.0442	0.0050	0.050	-	88	40-112
Naphthalene	ND	0.0259	0.0050	0.050	-	52	23-73
n-Propyl benzene	ND	0.0592	0.0050	0.050	-	118	82-160
Styrene	ND	0.0464	0.0050	0.050	-	93	68-124
1,1,1,2-Tetrachloroethane	ND	0.0486	0.0050	0.050	-	97	70-128
1,1,2,2-Tetrachloroethane	ND	0.0468	0.0050	0.050	-	94	57-111
Tetrachloroethene	ND	0.0496	0.0050	0.050	-	99	73-145
Toluene	ND	0.0473	0.0050	0.050	-	95	76-130
1,2,3-Trichlorobenzene	ND	0.0302	0.0050	0.050	-	60	43-72
1,2,4-Trichlorobenzene	ND	0.0386	0.0050	0.050	-	77	47-95
1,1,1-Trichloroethane	ND	0.0452	0.0050	0.050	-	90	60-141
1,1,2-Trichloroethane	ND	0.0467	0.0050	0.050	-	93	62-118
Trichloroethene	ND	0.0409	0.0050	0.050	-	82	72-132
Trichlorofluoromethane	ND	0.0371	0.0050	0.050	-	74	43-135
1,2,3-Trichloropropane	ND	0.0508	0.0050	0.050	-	102	57-122
1,2,4-Trimethylbenzene	ND	0.0545	0.0050	0.050	-	109	81-152
1,3,5-Trimethylbenzene	ND	0.0576	0.0050	0.050	-	115	78-160
Vinyl Chloride	ND	0.0273	0.0050	0.050	-	55	42-131
Xylenes, Total	ND	0.146	0.0050	0.15	-	98	70-130

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/26/17	**BatchID:**	142632
Date Analyzed:	7/26/17 - 7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	Roseland Village	**Sample ID:**	MB/LCS-142632 1707968-002AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	0.1231	0.127		0.12	99	101	70-130
Toluene-d8	0.1466	0.139		0.12	117	111	70-130
4-BFB	0.01359	0.0145		0.012	109	116	70-130
Benzene-d6	0.08512	0.0852		0.10	85	85	60-140
Ethylbenzene-d10	0.1137	0.109		0.10	114	109	60-140
1,2-DCB-d4	0.0822	0.0823		0.10	82	82	60-140

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/26/17	**BatchID:**	142632
Date Analyzed:	7/26/17 - 7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	Roseland Village	**Sample ID:**	MB/LCS-142632 1707968-002AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acetone	0.946	0.697	1	ND	95	70,F1	72-156	30.3,F1	20
tert-Amyl methyl ether (TAME)	0.0374	0.0232	0.050	ND	75	46,F1	53-116	47.1,F1	20
Benzene	0.0387	0.0188	0.050	ND	77	38,F1	63-137	69.1,F1	20
Bromobenzene	0.0421	0.0387	0.050	ND	84	77	68-126	8.62	20
Bromochloromethane	0.0395	0.0223	0.050	ND	79	45,F1	72-126	55.8,F1	20
Bromodichloromethane	0.0376	0.0288	0.050	ND	75	58,F1	61-127	26.5,F1	20
Bromoform	0.0341	0.0319	0.050	ND	68	64	49-100	6.58	20
Bromomethane	0.0354	0.00836	0.050	ND	71	17,F1	40-161	124,F1	20
2-Butanone (MEK)	0.158	0.128	0.20	ND	79	64	43-157	21.3,F1	20
t-Butyl alcohol (TBA)	0.164	0.150	0.20	ND	82	75	41-135	9.21	20
n-Butyl benzene	0.0556	0.0505	0.050	ND	111	101,F1	102-160	9.77	20
sec-Butyl benzene	0.0558	0.0488	0.050	ND	112	98	74-168	13.5	20
tert-Butyl benzene	0.0528	0.0459	0.050	ND	106	92	88-157	14.0	20
Carbon Disulfide	0.0335	0.00681	0.050	ND	67	14,F1	42-151	132,F1	20
Carbon Tetrachloride	0.0364	0.0133	0.050	ND	73	27,F1	49-149	93.1,F1	20
Chlorobenzene	0.0410	0.0348	0.050	ND	82	70,F1	77-121	16.4	20
Chloroethane	0.0335	0.00626	0.050	ND	67	13,F1	41-134	137,F1	20
Chloroform	0.0376	0.0215	0.050	ND	75	43,F1	69-133	54.6,F1	20
Chloromethane	0.0324	ND	0.050	ND	65	9,F1	31-119	151,F1	20
2-Chlorotoluene	0.0466	0.0428	0.050	ND	93	86	79-139	8.44	20
4-Chlorotoluene	0.0452	0.0414	0.050	ND	90	83	77-138	8.68	20
Dibromochloromethane	0.0368	0.0324	0.050	ND	74	65	58-121	12.6	20
1,2-Dibromo-3-chloropropane	0.0132	0.0128	0.020	ND	66	64	39-115	3.11	20
1,2-Dibromoethane (EDB)	0.0389	0.0329	0.050	ND	78	66,F1	67-119	16.5	20
Dibromomethane	0.0368	0.0278	0.050	ND	74	56,F1	66-117	27.7,F1	20
1,2-Dichlorobenzene	0.0378	0.0365	0.050	ND	76	73	59-109	3.65	20
1,3-Dichlorobenzene	0.0442	0.0421	0.050	ND	88	84	75-130	4.81	20
1,4-Dichlorobenzene	0.0429	0.0405	0.050	ND	86	81	71-122	5.64	20
Dichlorodifluoromethane	0.0144	ND	0.050	ND	29,F1	0,F1	43-68	0	20
1,1-Dichloroethane	0.0402	0.0152	0.050	ND	80	30,F1	62-139	90,F1	20
1,2-Dichloroethane (1,2-DCA)	0.0390	0.0255	0.050	ND	78	51,F1	58-135	41.8,F1	20
1,1-Dichloroethene	0.0347	0.00745	0.050	ND	69	15,F1	42-145	129,F1	20
cis-1,2-Dichloroethene	0.0392	0.0200	0.050	ND	78	40,F1	67-129	64.8,F1	20
trans-1,2-Dichloroethene	0.0359	0.0108	0.050	ND	72	22,F1	54-139	107,F1	20
1,2-Dichloropropane	0.0393	0.0249	0.050	ND	79	50,F1	68-125	44.9,F1	20
1,3-Dichloropropane	0.0402	0.0332	0.050	ND	80	66	65-125	18.8	20
2,2-Dichloropropane	0.0358	0.0123	0.050	ND	72	25,F1	45-151	97.9,F1	20

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/26/17	**BatchID:**	142632
Date Analyzed:	7/26/17 - 7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	Roseland Village	**Sample ID:**	MB/LCS-142632 1707968-002AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,1-Dichloropropene	0.0372	0.0142	0.050	ND	74	28,F1	64-138	89.3,F1	20
cis-1,3-Dichloropropene	0.0378	0.0280	0.050	ND	76	56,F1	62-134	30,F1	20
trans-1,3-Dichloropropene	0.0381	0.0307	0.050	ND	76	61	59-128	21.5,F1	20
Diisopropyl ether (DIPE)	0.0385	0.0183	0.050	ND	77	37,F1	52-129	71.1,F1	20
Ethylbenzene	0.0432	0.0336	0.050	ND	86	67,F1	74-142	25.2,F1	20
Ethyl tert-butyl ether (ETBE)	0.0390	0.0202	0.050	ND	78	40,F1	53-125	63.5,F1	20
Freon 113	0.0303	0.00511	0.050	ND	61	10,F1	51-126	142,F1	20
Hexachlorobutadiene	0.0474	0.0456	0.050	ND	95	91	70-158	4.00	20
Hexachloroethane	0.0459	0.0434	0.050	ND	86	81	80-160	5.72	20
2-Hexanone	0.0350	0.0325	0.050	ND	70	65	41-116	7.44	20
Isopropylbenzene	0.0505	0.0415	0.050	ND	101	83	77-146	19.5	20
4-Isopropyl toluene	0.0545	0.0489	0.050	ND	109	98	96-159	10.9	20
Methyl-t-butyl ether (MTBE)	0.0372	0.0189	0.050	ND	74	38,F1	58-122	65.2,F1	20
Methylene chloride	0.0379	0.0151	0.050	ND	76	30,F1	58-135	86,F1	20
4-Methyl-2-pentanone (MIBK)	0.0337	0.0290	0.050	ND	67	58	40-112	14.9	20
Naphthalene	0.0207	0.0208	0.050	ND	41	42	23-73	0.140	20
n-Propyl benzene	0.0525	0.0444	0.050	ND	105	89	82-160	16.7	20
Styrene	0.0406	0.0362	0.050	ND	81	72	68-124	11.4	20
1,1,1,2-Tetrachloroethane	0.0403	0.0349	0.050	ND	81	70	70-128	14.3	20
1,1,2,2-Tetrachloroethane	0.0361	0.0349	0.050	ND	72	70	57-111	3.52	20
Tetrachloroethene	0.0426	0.0264	0.050	ND	85	53,F1	73-145	47,F1	20
Toluene	0.0408	0.0268	0.050	ND	82	54,F1	76-130	41.5,F1	20
1,2,3-Trichlorobenzene	0.0262	0.0255	0.050	ND	52	51	43-72	2.72	20
1,2,4-Trichlorobenzene	0.0331	0.0320	0.050	ND	66	64	47-95	3.40	20
1,1,1-Trichloroethane	0.0377	0.0146	0.050	ND	75	29,F1	60-141	88.5,F1	20
1,1,2-Trichloroethane	0.0394	0.0337	0.050	ND	79	67	62-118	15.5	20
Trichloroethene	0.0375	0.0204	0.050	ND	75	41,F1	72-132	59.3,F1	20
Trichlorofluoromethane	0.0318	0.00513	0.050	ND	64	10,F1	43-135	144,F1	20
1,2,3-Trichloropropane	0.0418	0.0393	0.050	ND	84	79	57-122	6.12	20
1,2,4-Trimethylbenzene	0.0508	0.0465	0.050	ND	102	93	81-152	8.91	20
1,3,5-Trimethylbenzene	0.0506	0.0451	0.050	ND	101	90	78-160	11.4	20
Vinyl Chloride	0.0323	ND	0.050	ND	65	9,F1	42-131	152,F1	20
Xylenes, Total	0.130	0.105	0.15	ND	86	70	70-130	20.6,F1	20

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/26/17	**BatchID:**	142632
Date Analyzed:	7/26/17 - 7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC38	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	Roseland Village	**Sample ID:**	MB/LCS-142632 1707968-002AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Surrogate Recovery									
Dibromofluoromethane	0.142	0.143	0.12		114	114	70-130	0	20
Toluene-d8	0.140	0.139	0.12		112	112	70-130	0	20
4-BFB	0.0122	0.0122	0.012		98	98	70-130	0	20
Benzene-d6	0.0858	0.0818	0.10		86	82	60-140	4.77	20
Ethylbenzene-d10	0.0987	0.0946	0.10		99	95	60-140	4.23	20
1,2-DCB-d4	0.0859	0.0848	0.10		86	85	60-140	1.22	20

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/28/17	**BatchID:**	142806
Date Analyzed:	7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142806

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	10	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.50	-	-	-
Benzene	ND	0.50	-	-	-
Bromobenzene	ND	0.50	-	-	-
Bromochloromethane	ND	0.50	-	-	-
Bromodichloromethane	ND	0.50	-	-	-
Bromoform	ND	0.50	-	-	-
Bromomethane	ND	0.50	-	-	-
2-Butanone (MEK)	ND	2.0	-	-	-
t-Butyl alcohol (TBA)	ND	2.0	-	-	-
n-Butyl benzene	ND	0.50	-	-	-
sec-Butyl benzene	ND	0.50	-	-	-
tert-Butyl benzene	ND	0.50	-	-	-
Carbon Disulfide	ND	0.50	-	-	-
Carbon Tetrachloride	ND	0.50	-	-	-
Chlorobenzene	ND	0.50	-	-	-
Chloroethane	ND	0.50	-	-	-
Chloroform	ND	0.50	-	-	-
Chloromethane	ND	0.50	-	-	-
2-Chlorotoluene	ND	0.50	-	-	-
4-Chlorotoluene	ND	0.50	-	-	-
Dibromochloromethane	ND	0.50	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.20	-	-	-
1,2-Dibromoethane (EDB)	ND	0.50	-	-	-
Dibromomethane	ND	0.50	-	-	-
1,2-Dichlorobenzene	ND	0.50	-	-	-
1,3-Dichlorobenzene	ND	0.50	-	-	-
1,4-Dichlorobenzene	ND	0.50	-	-	-
Dichlorodifluoromethane	ND	0.50	-	-	-
1,1-Dichloroethane	ND	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.50	-	-	-
1,1-Dichloroethene	ND	0.50	-	-	-
cis-1,2-Dichloroethene	ND	0.50	-	-	-
trans-1,2-Dichloroethene	ND	0.50	-	-	-
1,2-Dichloropropane	ND	0.50	-	-	-
1,3-Dichloropropane	ND	0.50	-	-	-
2,2-Dichloropropane	ND	0.50	-	-	-
1,1-Dichloropropene	ND	0.50	-	-	-
cis-1,3-Dichloropropene	ND	0.50	-	-	-

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/28/17	**BatchID:**	142806
Date Analyzed:	7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142806

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
trans-1,3-Dichloropropene	ND	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.50	-	-	-
Ethylbenzene	ND	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.50	-	-	-
Freon 113	ND	0.50	-	-	-
Hexachlorobutadiene	ND	0.50	-	-	-
Hexachloroethane	ND	0.50	-	-	-
2-Hexanone	ND	0.50	-	-	-
Isopropylbenzene	ND	0.50	-	-	-
4-Isopropyl toluene	ND	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.50	-	-	-
Methylene chloride	ND	0.50	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.50	-	-	-
Naphthalene	ND	0.50	-	-	-
n-Propyl benzene	ND	0.50	-	-	-
Styrene	ND	0.50	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.50	-	-	-
Tetrachloroethene	ND	0.50	-	-	-
Toluene	ND	0.50	-	-	-
1,2,3-Trichlorobenzene	ND	0.50	-	-	-
1,2,4-Trichlorobenzene	ND	0.50	-	-	-
1,1,1-Trichloroethane	ND	0.50	-	-	-
1,1,2-Trichloroethane	ND	0.50	-	-	-
Trichloroethene	ND	0.50	-	-	-
Trichlorofluoromethane	ND	0.50	-	-	-
1,2,3-Trichloropropane	ND	0.50	-	-	-
1,2,4-Trimethylbenzene	ND	0.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.50	-	-	-
Vinyl Chloride	ND	0.50	-	-	-
Xylenes, Total	ND	0.50	-	-	-
Surrogate Recovery					
Dibromofluoromethane	28.52		25	114	70-130
Toluene-d8	26.47		25	106	70-130
4-BFB	2.271		2.5	91	70-130

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/28/17	**BatchID:**	142806
Date Analyzed:	7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142806

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	173	261	200	86	130	46-155	40.5,F2	20
tert-Amyl methyl ether (TAME)	8.59	10.1	10	86	101	54-140	16.1	20
Benzene	8.89	9.27	10	89	93	47-158	4.18	20
Bromobenzene	8.60	9.17	10	86	92	50-155	6.45	20
Bromochloromethane	8.82	10.2	10	88	102	48-160	14.6	20
Bromodichloromethane	8.57	9.60	10	86	96	60-156	11.3	20
Bromoform	8.88	11.4	10	89	114	43-149	25.3,F2	20
Bromomethane	10.0	8.84	10	100	88	61-159	12.7	20
2-Butanone (MEK)	33.9	52.5	40	85	131, F2	61-124	43.0,F2	20
t-Butyl alcohol (TBA)	30.7	50.8	40	77	127	42-140	49.4,F2	20
n-Butyl benzene	10.3	9.91	10	103	99	74-138	3.90	20
sec-Butyl benzene	9.84	9.37	10	98	94	72-142	4.83	20
tert-Butyl benzene	9.40	8.91	10	94	89	74-140	5.27	20
Carbon Disulfide	8.58	8.59	10	86	86	64-127	0	20
Carbon Tetrachloride	8.74	8.40	10	87	84	61-158	4.01	20
Chlorobenzene	8.91	9.26	10	89	93	43-157	3.81	20
Chloroethane	8.73	8.79	10	87	88	50-127	0.676	20
Chloroform	8.57	9.08	10	86	91	56-154	5.78	20
Chloromethane	9.26	7.68	10	93	77	41-132	18.7	20
2-Chlorotoluene	8.91	8.88	10	89	89	50-155	0	20
4-Chlorotoluene	8.77	8.80	10	88	88	53-153	0	20
Dibromochloromethane	8.35	9.80	10	83	98	49-156	16.0	20
1,2-Dibromo-3-chloropropane	3.29	4.56	4	82	114	46-149	32.5,F2	20
1,2-Dibromoethane (EDB)	8.46	10.6	10	85	106	44-155	22.1,F2	20
Dibromomethane	8.41	10.5	10	84	105	50-157	21.7,F2	20
1,2-Dichlorobenzene	8.90	9.68	10	89	97	48-156	8.34	20
1,3-Dichlorobenzene	9.20	9.57	10	92	96	49-159	3.95	20
1,4-Dichlorobenzene	9.16	9.56	10	92	96	51-151	4.30	20
Dichlorodifluoromethane	3.32	1.80	10	33, F2	18, F2	61-117	59.2,F2	20
1,1-Dichloroethane	9.30	9.72	10	93	97	53-153	4.52	20
1,2-Dichloroethane (1,2-DCA)	8.72	10.4	10	87	104	66-125	17.7	20
1,1-Dichloroethene	8.66	8.69	10	87	87	47-149	0	20
cis-1,2-Dichloroethene	8.96	9.43	10	90	94	54-155	5.19	20
trans-1,2-Dichloroethene	8.74	8.96	10	87	90	46-151	2.54	20
1,2-Dichloropropane	8.81	9.77	10	88	98	54-153	10.4	20
1,3-Dichloropropane	8.49	10.2	10	85	102	49-150	18.6	20
2,2-Dichloropropane	9.39	9.14	10	94	91	74-147	2.71	20
1,1-Dichloropropene	8.81	8.76	10	88	88	54-150	0	20
cis-1,3-Dichloropropene	8.29	9.19	10	83	92	55-159	10.3	20

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/28/17	**BatchID:**	142806
Date Analyzed:	7/28/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142806

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	8.46	9.92	10	85	99	74-131	15.8	20
Diisopropyl ether (DIPE)	8.75	9.97	10	88	100	57-136	13.0	20
Ethylbenzene	9.00	8.90	10	90	89	60-152	1.20	20
Ethyl tert-butyl ether (ETBE)	8.78	10.5	10	88	105	55-137	17.6	20
Freon 113	8.67	8.43	10	87	84	47-138	2.72	20
Hexachlorobutadiene	8.64	8.05	10	86	80	66-160	7.10	20
Hexachloroethane	8.52	8.17	10	85	82	75-130	4.16	20
2-Hexanone	8.55	12.9	10	86	129, F2	70-115	40.5,F2	20
Isopropylbenzene	8.98	8.62	10	90	86	59-156	4.11	20
4-Isopropyl toluene	9.95	9.53	10	99	95	75-138	4.23	20
Methyl-t-butyl ether (MTBE)	8.20	10.5	10	82	105	53-139	24.9,F2	20
Methylene chloride	8.18	9.08	10	82	91	66-127	10.4	20
4-Methyl-2-pentanone (MIBK)	7.82	11.3	10	78	113	42-153	36.6,F2	20
Naphthalene	8.81	11.1	10	88	111	66-127	23.0,F2	20
n-Propyl benzene	9.54	9.14	10	95	91	54-155	4.22	20
Styrene	9.19	9.60	10	92	96	51-152	4.34	20
1,1,1,2-Tetrachloroethane	8.61	9.18	10	86	92	58-159	6.46	20
1,1,2,2-Tetrachloroethane	8.17	10.8	10	82	108	51-150	27.7,F2	20
Tetrachloroethene	8.76	8.48	10	88	85	55-145	3.21	20
Toluene	8.53	8.60	10	85	86	52-137	0.813	20
1,2,3-Trichlorobenzene	9.01	10.2	10	90	102	70-136	12.4	20
1,2,4-Trichlorobenzene	9.20	9.93	10	92	99	74-137	7.70	20
1,1,1-Trichloroethane	8.83	8.72	10	88	87	57-156	1.26	20
1,1,2-Trichloroethane	8.50	10.4	10	85	104	51-150	19.8	20
Trichloroethene	8.61	8.72	10	86	87	43-157	1.19	20
Trichlorofluoromethane	8.76	8.52	10	88	85	50-147	2.74	20
1,2,3-Trichloropropane	8.53	11.4	10	85	114	41-152	29.0,F2	20
1,2,4-Trimethylbenzene	9.63	9.64	10	96	96	57-157	0	20
1,3,5-Trimethylbenzene	9.37	9.14	10	94	91	56-159	2.44	20
Vinyl Chloride	9.67	8.36	10	97	84	42-137	14.5	20
Xylenes, Total	27.7	28.0	30	92	93	70-130	0.820	20
Surrogate Recovery								
Dibromofluoromethane	28.7	29.3	25	115	117	70-130	2.01	20
Toluene-d8	26.2	25.6	25	105	103	70-130	2.01	20
4-BFB	2.27	2.30	2.5	91	92	70-130	0.972	20

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/29/17	**BatchID:**	142853
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142853

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	10	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.50	-	-	-
Benzene	ND	0.50	-	-	-
Bromobenzene	ND	0.50	-	-	-
Bromochloromethane	ND	0.50	-	-	-
Bromodichloromethane	ND	0.50	-	-	-
Bromoform	ND	0.50	-	-	-
Bromomethane	ND	0.50	-	-	-
2-Butanone (MEK)	ND	2.0	-	-	-
t-Butyl alcohol (TBA)	ND	2.0	-	-	-
n-Butyl benzene	ND	0.50	-	-	-
sec-Butyl benzene	ND	0.50	-	-	-
tert-Butyl benzene	ND	0.50	-	-	-
Carbon Disulfide	ND	0.50	-	-	-
Carbon Tetrachloride	ND	0.50	-	-	-
Chlorobenzene	ND	0.50	-	-	-
Chloroethane	ND	0.50	-	-	-
Chloroform	ND	0.50	-	-	-
Chloromethane	ND	0.50	-	-	-
2-Chlorotoluene	ND	0.50	-	-	-
4-Chlorotoluene	ND	0.50	-	-	-
Dibromochloromethane	ND	0.50	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.20	-	-	-
1,2-Dibromoethane (EDB)	ND	0.50	-	-	-
Dibromomethane	ND	0.50	-	-	-
1,2-Dichlorobenzene	ND	0.50	-	-	-
1,3-Dichlorobenzene	ND	0.50	-	-	-
1,4-Dichlorobenzene	ND	0.50	-	-	-
Dichlorodifluoromethane	ND	0.50	-	-	-
1,1-Dichloroethane	ND	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.50	-	-	-
1,1-Dichloroethene	ND	0.50	-	-	-
cis-1,2-Dichloroethene	ND	0.50	-	-	-
trans-1,2-Dichloroethene	ND	0.50	-	-	-
1,2-Dichloropropane	ND	0.50	-	-	-
1,3-Dichloropropane	ND	0.50	-	-	-
2,2-Dichloropropane	ND	0.50	-	-	-
1,1-Dichloropropene	ND	0.50	-	-	-
cis-1,3-Dichloropropene	ND	0.50	-	-	-

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/29/17	**BatchID:**	142853
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142853

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
trans-1,3-Dichloropropene	ND	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.50	-	-	-
Ethylbenzene	ND	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.50	-	-	-
Freon 113	ND	0.50	-	-	-
Hexachlorobutadiene	ND	0.50	-	-	-
Hexachloroethane	ND	0.50	-	-	-
2-Hexanone	ND	0.50	-	-	-
Isopropylbenzene	ND	0.50	-	-	-
4-Isopropyl toluene	ND	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.50	-	-	-
Methylene chloride	ND	0.50	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.50	-	-	-
Naphthalene	ND	0.50	-	-	-
n-Propyl benzene	ND	0.50	-	-	-
Styrene	ND	0.50	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.50	-	-	-
Tetrachloroethene	ND	0.50	-	-	-
Toluene	ND	0.50	-	-	-
1,2,3-Trichlorobenzene	ND	0.50	-	-	-
1,2,4-Trichlorobenzene	ND	0.50	-	-	-
1,1,1-Trichloroethane	ND	0.50	-	-	-
1,1,2-Trichloroethane	ND	0.50	-	-	-
Trichloroethene	ND	0.50	-	-	-
Trichlorofluoromethane	ND	0.50	-	-	-
1,2,3-Trichloropropane	ND	0.50	-	-	-
1,2,4-Trimethylbenzene	ND	0.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.50	-	-	-
Vinyl Chloride	ND	0.50	-	-	-
Xylenes, Total	ND	0.50	-	-	-
Surrogate Recovery					
Dibromofluoromethane	26.68		25	107	70-130
Toluene-d8	27.84		25	111	70-130
4-BFB	2.909		2.5	116	70-130

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/29/17	**BatchID:**	142853
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142853

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	172	155	200	86	77	46-155	10.5	20
tert-Amyl methyl ether (TAME)	10.5	9.33	10	105	93	54-140	12.1	20
Benzene	10.4	9.48	10	104	95	47-158	9.34	20
Bromobenzene	11.4	10.3	10	114	103	50-155	10.5	20
Bromochloromethane	11.2	10.1	10	112	101	48-160	10.3	20
Bromodichloromethane	10.8	9.64	10	108	96	60-156	11.0	20
Bromoform	10.0	9.09	10	100	91	43-149	9.71	20
Bromomethane	8.19	7.44	10	82	74	61-159	9.66	20
2-Butanone (MEK)	32.7	29.0	40	82	72	61-124	12.1	20
t-Butyl alcohol (TBA)	36.9	33.4	40	92	83	42-140	9.97	20
n-Butyl benzene	11.8	11.0	10	118	110	74-138	7.34	20
sec-Butyl benzene	12.1	11.1	10	121	111	72-142	8.66	20
tert-Butyl benzene	12.0	11.0	10	120	110	74-140	9.51	20
Carbon Disulfide	10.4	9.41	10	104	94	64-127	9.64	20
Carbon Tetrachloride	12.4	11.3	10	124	113	61-158	9.52	20
Chlorobenzene	11.6	10.4	10	116	104	43-157	10.3	20
Chloroethane	8.10	7.28	10	81	73	50-127	10.7	20
Chloroform	10.3	9.31	10	103	93	56-154	10.5	20
Chloromethane	7.87	7.24	10	79	72	41-132	8.26	20
2-Chlorotoluene	12.4	11.2	10	124	112	50-155	10.0	20
4-Chlorotoluene	12.2	11.0	10	122	111	53-153	9.48	20
Dibromochloromethane	10.8	9.75	10	108	98	49-156	10.3	20
1,2-Dibromo-3-chloropropane	3.27	2.90	4	82	72	46-149	12.1	20
1,2-Dibromoethane (EDB)	10.7	9.68	10	107	97	44-155	9.91	20
Dibromomethane	10.2	9.14	10	102	91	50-157	11.1	20
1,2-Dichlorobenzene	11.5	10.6	10	115	106	48-156	8.31	20
1,3-Dichlorobenzene	12.0	11.2	10	120	112	49-159	6.99	20
1,4-Dichlorobenzene	11.8	10.9	10	118	109	51-151	7.86	20
Dichlorodifluoromethane	6.74	6.44	10	67	64	61-117	4.61	20
1,1-Dichloroethane	10.9	9.90	10	109	99	53-153	9.62	20
1,2-Dichloroethane (1,2-DCA)	10.7	9.63	10	107	96	66-125	10.4	20
1,1-Dichloroethene	10.9	9.81	10	109	98	47-149	10.2	20
cis-1,2-Dichloroethene	10.9	9.79	10	109	98	54-155	10.7	20
trans-1,2-Dichloroethene	11.1	10.0	10	111	100	46-151	9.82	20
1,2-Dichloropropane	10.6	9.61	10	106	96	54-153	10.1	20
1,3-Dichloropropane	10.9	9.83	10	109	98	49-150	10.7	20
2,2-Dichloropropane	12.3	11.6	10	123	116	74-147	5.44	20
1,1-Dichloropropene	11.5	10.5	10	115	105	54-150	9.07	20
cis-1,3-Dichloropropene	12.2	11.2	10	122	112	55-159	9.18	20

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707964
Date Prepared:	7/29/17	**BatchID:**	142853
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	Roseland Village	**Sample ID:**	MB/LCS/LCSD-142853

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	10.8	9.83	10	108	98	74-131	9.31	20
Diisopropyl ether (DIPE)	10.7	9.56	10	107	96	57-136	10.9	20
Ethylbenzene	11.1	10.0	10	111	100	60-152	10.4	20
Ethyl tert-butyl ether (ETBE)	10.7	9.58	10	107	96	55-137	11.4	20
Freon 113	10.6	9.71	10	106	97	47-138	9.14	20
Hexachlorobutadiene	13.8	12.7	10	138	127	66-160	8.18	20
Hexachloroethane	11.2	10.1	10	112	101	75-130	9.71	20
2-Hexanone	9.03	8.00	10	90	80	70-115	12.1	20
Isopropylbenzene	11.8	10.7	10	118	107	59-156	9.98	20
4-Isopropyl toluene	12.4	11.4	10	123	113	75-138	8.44	20
Methyl-t-butyl ether (MTBE)	10.2	9.04	10	102	90	53-139	11.7	20
Methylene chloride	9.48	8.42	10	95	84	66-127	11.8	20
4-Methyl-2-pentanone (MIBK)	8.90	7.98	10	89	80	42-153	10.9	20
Naphthalene	11.6	10.4	10	116	104	66-127	10.7	20
n-Propyl benzene	12.7	11.6	10	127	116	54-155	8.86	20
Styrene	11.9	10.8	10	119	108	51-152	10.2	20
1,1,1,2-Tetrachloroethane	11.4	10.3	10	114	103	58-159	10.2	20
1,1,2,2-Tetrachloroethane	9.54	8.54	10	95	85	51-150	11.1	20
Tetrachloroethene	13.3	12.2	10	133	122	55-145	8.97	20
Toluene	11.4	10.3	10	113	103	52-137	9.78	20
1,2,3-Trichlorobenzene	12.1	11.1	10	121	111	70-136	8.25	20
1,2,4-Trichlorobenzene	12.7	11.7	10	127	117	74-137	8.16	20
1,1,1-Trichloroethane	11.7	10.6	10	117	105	57-156	10.3	20
1,1,2-Trichloroethane	11.0	9.87	10	110	99	51-150	10.9	20
Trichloroethene	12.2	11.1	10	122	111	43-157	9.22	20
Trichlorofluoromethane	10.5	9.63	10	105	96	50-147	8.97	20
1,2,3-Trichloropropane	9.73	8.64	10	97	86	41-152	11.9	20
1,2,4-Trimethylbenzene	12.1	11.2	10	121	112	57-157	8.06	20
1,3,5-Trimethylbenzene	12.2	11.1	10	122	111	56-159	9.32	20
Vinyl Chloride	8.37	7.58	10	84	76	42-137	9.99	20
Xylenes, Total	35.1	31.7	30	117	106	70-130	10.3	20
Surrogate Recovery								
Dibromofluoromethane	26.9	26.7	25	108	107	70-130	0.645	20
Toluene-d8	27.8	27.8	25	111	111	70-130	0	20
4-BFB	2.66	2.67	2.5	106	107	70-130	0.532	20

McCampbell Analytical, Inc.
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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1707964 **ClientCode: HLEC**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Cheri Page
Harris & Lee Environmental Consulting,
120 Ross Valley Drive
San Rafael, CA 94901
(707) 322-8625 FAX: (866) 873-4361
Email: cheri@hlenv.com
cc/3rd Party:
PO:
ProjectNo: Roseland Village

Bill to:
Elaine Everest
Harris & Lee Env. Consulting, LLC
120 Ross Valley Drive
San Rafael, CA 94901
elaine@hlenv.com

Requested TAT: **5 days;**

Date Received: **07/25/2017**
Date Logged: **07/26/2017**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1707964-001	CPT-19, 10-20	Water	7/24/2017 10:20	☐		A	A									
1707964-002	CPT-19, 30-40	Water	7/24/2017 11:20	☐		A										
1707964-003	CPT-15, 10-20	Water	7/24/2017 14:15	☐		A										
1707964-004	CPT-15, 24-32	Sludge	7/24/2017 14:30	☐	A											
1707964-005	CPT-15, 40-44	Water	7/24/2017 14:50	☐		A										
1707964-006	CPT-15, 58-62	Water	7/24/2017 15:10	☐		A										
1707964-007	Travel Blank	Water	7/24/2017 15:15	☐		A										

Test Legend:

1	8260B_S	2	8260B_W	3	PREDF REPORT	4	
5		6		7		8	
9		10		11		12	

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: HARRIS & LEE ENVIRONMENTAL CONSULTING, **Project:** Roseland Village **Work Order:** 1707964
Client Contact: Cheri Page **QC Level:** LEVEL 2
Contact's Email: cheri@hlenv.com **Comments:** **Date Logged:** 7/26/2017

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1707964-001A	CPT-19, 10-20	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/24/2017 10:20	5 days	2%+	☐	
1707964-002A	CPT-19, 30-40	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/24/2017 11:20	5 days	15%+	☐	
1707964-003A	CPT-15, 10-20	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/24/2017 14:15	5 days	20%+	☐	
1707964-004A	CPT-15, 24-32	Sludge	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/24/2017 14:30	5 days		☐	
1707964-005A	CPT-15, 40-44	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/24/2017 14:50	5 days	10%+	☐	
1707964-006A	CPT-15, 58-62	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/24/2017 15:10	5 days	10%+	☐	
1707964-007A	Travel Blank	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/24/2017 15:15	5 days	None	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1707964

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY Y ☐ 2 DAY ☐ 3 DAY ☐ DAY ☐
GeoTracker EDF ☒ PDF ☐ EDD ☐ Write On (DW) ☐ DoHS ☐ 10 DAY ☐
Effluent Sample Requiring "J" flag ☐ UST Clean Up Fund Project ☐ Other # _____

Report To: Cheri Page	Bill To: Walter Beach, Harris & Lee
Company: Harris & Lee	120 Ross Valley Drive
1724 Capella Court	San Rafael, CA 94901
	E-Mail: cheri@hlenv.com
Tele: (707) 766-0606	Fax: (866) 873-4361
Project #:	Project Name: Roseland Village
Project Location: 761 Syb. Rd	Purchase Order #
Sampler Signature: Cheri Page	

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO3	Other	Analysis Request: BTEX/ MTBE & TPH as Gas (8021 / 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505 / 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	BTEX/ MTBE & TPH as Gas (8260)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Metals (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	Lead (total)	Soluble Lead (STLC)	Soluble Lead (TCLP)
		2017																																	
2%	CPT-19, 10-20	7/24	10:20	2	✓																			X											
15%	CPT-19, 30-40	7/24	11:20	2	✓																			X											
20%	CPT-15, 10-20	7/24	14:15	2	✓																			X											
	CPT-15, 24-32	7/24	14:30	2							X													X											
10%	CPT-15, 40-44	7/24	14:50	2	✓																			X											
10%	CPT-15, 58-62	7/24	15:10	2	✓																			X											
✓	Travel Blank	7/24	15:15	2	✓																			X											
				14																															

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
Cheri Page	7/25/17	13:35	Moises
Moises.	7/25/17	1840	

ICE/T° 51°
COMMENTS:
GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____
APPROPRIATE CONTAINERS ____
PRESERVED IN LAB ____

VOAS O&G METALS OTHER HAZARDOUS
PRESERVATION ____ pH<2 ____

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Sample Receipt Checklist

Client Name:	**Harris & Lee Environmental Consulting, LLC**	Date and Time Received	**7/25/2017 18:40**
Project Name:	**Roseland Village**	Date Logged:	**7/26/2017**
		Received by:	Jena Alfaro
WorkOrder №:	**1707964** Matrix: Sludge/Water	Logged by:	Jena Alfaro
Carrier:	Moises Vasquez (contract courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Sample/Temp Blank temperature	Temp: 5.1°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

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Analytical Report

WorkOrder: 1707A91

Report Created for: Harris & Lee Environmental Consulting, LLC

120 Ross Valley Drive
San Rafael, CA 94901

Project Contact: Cheri Page
Project P.O.:
Project Name: 761 Sebastopol Rd.

Project Received: 07/27/2017

Analytical Report reviewed & approved for release on 08/03/2017 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

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Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: 761 Sebastopol Rd.
WorkOrder: 1707A91

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

b1	Aqueous sample that contains greater than ~1 vol. % sediment

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,16-22	1707A91-001A	Water	07/25/2017 10:20	GC16	142940

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	08/01/2017 23:28
tert-Amyl methyl ether (TAME)	ND	0.50	1	08/01/2017 23:28
Benzene	ND	0.50	1	08/01/2017 23:28
Bromobenzene	ND	0.50	1	08/01/2017 23:28
Bromochloromethane	ND	0.50	1	08/01/2017 23:28
Bromodichloromethane	ND	0.50	1	08/01/2017 23:28
Bromoform	ND	0.50	1	08/01/2017 23:28
Bromomethane	ND	0.50	1	08/01/2017 23:28
2-Butanone (MEK)	ND	2.0	1	08/01/2017 23:28
t-Butyl alcohol (TBA)	ND	2.0	1	08/01/2017 23:28
n-Butyl benzene	ND	0.50	1	08/01/2017 23:28
sec-Butyl benzene	ND	0.50	1	08/01/2017 23:28
tert-Butyl benzene	ND	0.50	1	08/01/2017 23:28
Carbon Disulfide	ND	0.50	1	08/01/2017 23:28
Carbon Tetrachloride	ND	0.50	1	08/01/2017 23:28
Chlorobenzene	ND	0.50	1	08/01/2017 23:28
Chloroethane	ND	0.50	1	08/01/2017 23:28
Chloroform	ND	0.50	1	08/01/2017 23:28
Chloromethane	ND	0.50	1	08/01/2017 23:28
2-Chlorotoluene	ND	0.50	1	08/01/2017 23:28
4-Chlorotoluene	ND	0.50	1	08/01/2017 23:28
Dibromochloromethane	ND	0.50	1	08/01/2017 23:28
1,2-Dibromo-3-chloropropane	ND	0.20	1	08/01/2017 23:28
1,2-Dibromoethane (EDB)	ND	0.50	1	08/01/2017 23:28
Dibromomethane	ND	0.50	1	08/01/2017 23:28
1,2-Dichlorobenzene	ND	0.50	1	08/01/2017 23:28
1,3-Dichlorobenzene	ND	0.50	1	08/01/2017 23:28
1,4-Dichlorobenzene	ND	0.50	1	08/01/2017 23:28
Dichlorodifluoromethane	ND	0.50	1	08/01/2017 23:28
1,1-Dichloroethane	ND	0.50	1	08/01/2017 23:28
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	08/01/2017 23:28
1,1-Dichloroethene	ND	0.50	1	08/01/2017 23:28
cis-1,2-Dichloroethene	ND	0.50	1	08/01/2017 23:28
trans-1,2-Dichloroethene	ND	0.50	1	08/01/2017 23:28
1,2-Dichloropropane	ND	0.50	1	08/01/2017 23:28
1,3-Dichloropropane	ND	0.50	1	08/01/2017 23:28
2,2-Dichloropropane	ND	0.50	1	08/01/2017 23:28

(Cont.)

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Analytical Report

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Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,16-22	1707A91-001A	Water	07/25/2017 10:20	GC16	142940

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	08/01/2017 23:28
cis-1,3-Dichloropropene	ND	0.50	1	08/01/2017 23:28
trans-1,3-Dichloropropene	ND	0.50	1	08/01/2017 23:28
Diisopropyl ether (DIPE)	ND	0.50	1	08/01/2017 23:28
Ethylbenzene	ND	0.50	1	08/01/2017 23:28
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	08/01/2017 23:28
Freon 113	ND	0.50	1	08/01/2017 23:28
Hexachlorobutadiene	ND	0.50	1	08/01/2017 23:28
Hexachloroethane	ND	0.50	1	08/01/2017 23:28
2-Hexanone	ND	0.50	1	08/01/2017 23:28
Isopropylbenzene	ND	0.50	1	08/01/2017 23:28
4-Isopropyl toluene	ND	0.50	1	08/01/2017 23:28
Methyl-t-butyl ether (MTBE)	ND	0.50	1	08/01/2017 23:28
Methylene chloride	ND	0.50	1	08/01/2017 23:28
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	08/01/2017 23:28
Naphthalene	ND	0.50	1	08/01/2017 23:28
n-Propyl benzene	ND	0.50	1	08/01/2017 23:28
Styrene	ND	0.50	1	08/01/2017 23:28
1,1,1,2-Tetrachloroethane	ND	0.50	1	08/01/2017 23:28
1,1,2,2-Tetrachloroethane	ND	0.50	1	08/01/2017 23:28
Tetrachloroethene	ND	0.50	1	08/01/2017 23:28
Toluene	ND	0.50	1	08/01/2017 23:28
1,2,3-Trichlorobenzene	ND	0.50	1	08/01/2017 23:28
1,2,4-Trichlorobenzene	ND	0.50	1	08/01/2017 23:28
1,1,1-Trichloroethane	ND	0.50	1	08/01/2017 23:28
1,1,2-Trichloroethane	ND	0.50	1	08/01/2017 23:28
Trichloroethene	ND	0.50	1	08/01/2017 23:28
Trichlorofluoromethane	ND	0.50	1	08/01/2017 23:28
1,2,3-Trichloropropane	ND	0.50	1	08/01/2017 23:28
1,2,4-Trimethylbenzene	ND	0.50	1	08/01/2017 23:28
1,3,5-Trimethylbenzene	ND	0.50	1	08/01/2017 23:28
Vinyl Chloride	ND	0.50	1	08/01/2017 23:28
Xylenes, Total	ND	0.50	1	08/01/2017 23:28

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,16-22	**1707A91-001A**	**Water**	**07/25/2017 10:20**	**GC16**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	109	70-130		08/01/2017 23:28
Toluene-d8	107	70-130		08/01/2017 23:28
4-BFB	110	70-130		08/01/2017 23:28

Analyst(s): KF Analytical Comments: b1

(Cont.)

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Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,27-34	1707A91-002A	Water	07/25/2017 10:35	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/31/2017 15:04
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/31/2017 15:04
Benzene	ND	0.50	1	07/31/2017 15:04
Bromobenzene	ND	0.50	1	07/31/2017 15:04
Bromochloromethane	ND	0.50	1	07/31/2017 15:04
Bromodichloromethane	ND	0.50	1	07/31/2017 15:04
Bromoform	ND	0.50	1	07/31/2017 15:04
Bromomethane	ND	0.50	1	07/31/2017 15:04
2-Butanone (MEK)	ND	2.0	1	07/31/2017 15:04
t-Butyl alcohol (TBA)	ND	2.0	1	07/31/2017 15:04
n-Butyl benzene	ND	0.50	1	07/31/2017 15:04
sec-Butyl benzene	ND	0.50	1	07/31/2017 15:04
tert-Butyl benzene	ND	0.50	1	07/31/2017 15:04
Carbon Disulfide	ND	0.50	1	07/31/2017 15:04
Carbon Tetrachloride	ND	0.50	1	07/31/2017 15:04
Chlorobenzene	ND	0.50	1	07/31/2017 15:04
Chloroethane	ND	0.50	1	07/31/2017 15:04
Chloroform	ND	0.50	1	07/31/2017 15:04
Chloromethane	ND	0.50	1	07/31/2017 15:04
2-Chlorotoluene	ND	0.50	1	07/31/2017 15:04
4-Chlorotoluene	ND	0.50	1	07/31/2017 15:04
Dibromochloromethane	ND	0.50	1	07/31/2017 15:04
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/31/2017 15:04
1,2-Dibromoethane (EDB)	ND	0.50	1	07/31/2017 15:04
Dibromomethane	ND	0.50	1	07/31/2017 15:04
1,2-Dichlorobenzene	ND	0.50	1	07/31/2017 15:04
1,3-Dichlorobenzene	ND	0.50	1	07/31/2017 15:04
1,4-Dichlorobenzene	ND	0.50	1	07/31/2017 15:04
Dichlorodifluoromethane	ND	0.50	1	07/31/2017 15:04
1,1-Dichloroethane	ND	0.50	1	07/31/2017 15:04
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/31/2017 15:04
1,1-Dichloroethene	ND	0.50	1	07/31/2017 15:04
cis-1,2-Dichloroethene	ND	0.50	1	07/31/2017 15:04
trans-1,2-Dichloroethene	ND	0.50	1	07/31/2017 15:04
1,2-Dichloropropane	ND	0.50	1	07/31/2017 15:04
1,3-Dichloropropane	ND	0.50	1	07/31/2017 15:04
2,2-Dichloropropane	ND	0.50	1	07/31/2017 15:04

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Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,27-34	1707A91-002A	Water	07/25/2017 10:35	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/31/2017 15:04
cis-1,3-Dichloropropene	ND	0.50	1	07/31/2017 15:04
trans-1,3-Dichloropropene	ND	0.50	1	07/31/2017 15:04
Diisopropyl ether (DIPE)	ND	0.50	1	07/31/2017 15:04
Ethylbenzene	ND	0.50	1	07/31/2017 15:04
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/31/2017 15:04
Freon 113	ND	0.50	1	07/31/2017 15:04
Hexachlorobutadiene	ND	0.50	1	07/31/2017 15:04
Hexachloroethane	ND	0.50	1	07/31/2017 15:04
2-Hexanone	ND	0.50	1	07/31/2017 15:04
Isopropylbenzene	ND	0.50	1	07/31/2017 15:04
4-Isopropyl toluene	ND	0.50	1	07/31/2017 15:04
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/31/2017 15:04
Methylene chloride	ND	0.50	1	07/31/2017 15:04
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/31/2017 15:04
Naphthalene	ND	0.50	1	07/31/2017 15:04
n-Propyl benzene	ND	0.50	1	07/31/2017 15:04
Styrene	ND	0.50	1	07/31/2017 15:04
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/31/2017 15:04
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/31/2017 15:04
Tetrachloroethene	ND	0.50	1	07/31/2017 15:04
Toluene	ND	0.50	1	07/31/2017 15:04
1,2,3-Trichlorobenzene	ND	0.50	1	07/31/2017 15:04
1,2,4-Trichlorobenzene	ND	0.50	1	07/31/2017 15:04
1,1,1-Trichloroethane	ND	0.50	1	07/31/2017 15:04
1,1,2-Trichloroethane	ND	0.50	1	07/31/2017 15:04
Trichloroethene	ND	0.50	1	07/31/2017 15:04
Trichlorofluoromethane	ND	0.50	1	07/31/2017 15:04
1,2,3-Trichloropropane	ND	0.50	1	07/31/2017 15:04
1,2,4-Trimethylbenzene	ND	0.50	1	07/31/2017 15:04
1,3,5-Trimethylbenzene	ND	0.50	1	07/31/2017 15:04
Vinyl Chloride	ND	0.50	1	07/31/2017 15:04
Xylenes, Total	ND	0.50	1	07/31/2017 15:04

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,27-34	**1707A91-002A**	**Water**	**07/25/2017 10:35**	**GC38**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	114	70-130		07/31/2017 15:04
Toluene-d8	102	70-130		07/31/2017 15:04
4-BFB	85	70-130		07/31/2017 15:04

Analyst(s): HK Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,46-50	1707A91-003A	Water	07/25/2017 10:55	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/31/2017 15:42
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/31/2017 15:42
Benzene	ND	0.50	1	07/31/2017 15:42
Bromobenzene	ND	0.50	1	07/31/2017 15:42
Bromochloromethane	ND	0.50	1	07/31/2017 15:42
Bromodichloromethane	ND	0.50	1	07/31/2017 15:42
Bromoform	ND	0.50	1	07/31/2017 15:42
Bromomethane	ND	0.50	1	07/31/2017 15:42
2-Butanone (MEK)	ND	2.0	1	07/31/2017 15:42
t-Butyl alcohol (TBA)	ND	2.0	1	07/31/2017 15:42
n-Butyl benzene	ND	0.50	1	07/31/2017 15:42
sec-Butyl benzene	ND	0.50	1	07/31/2017 15:42
tert-Butyl benzene	ND	0.50	1	07/31/2017 15:42
Carbon Disulfide	ND	0.50	1	07/31/2017 15:42
Carbon Tetrachloride	ND	0.50	1	07/31/2017 15:42
Chlorobenzene	ND	0.50	1	07/31/2017 15:42
Chloroethane	ND	0.50	1	07/31/2017 15:42
Chloroform	ND	0.50	1	07/31/2017 15:42
Chloromethane	ND	0.50	1	07/31/2017 15:42
2-Chlorotoluene	ND	0.50	1	07/31/2017 15:42
4-Chlorotoluene	ND	0.50	1	07/31/2017 15:42
Dibromochloromethane	ND	0.50	1	07/31/2017 15:42
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/31/2017 15:42
1,2-Dibromoethane (EDB)	ND	0.50	1	07/31/2017 15:42
Dibromomethane	ND	0.50	1	07/31/2017 15:42
1,2-Dichlorobenzene	ND	0.50	1	07/31/2017 15:42
1,3-Dichlorobenzene	ND	0.50	1	07/31/2017 15:42
1,4-Dichlorobenzene	ND	0.50	1	07/31/2017 15:42
Dichlorodifluoromethane	**2.3**	0.50	1	07/31/2017 15:42
1,1-Dichloroethane	ND	0.50	1	07/31/2017 15:42
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/31/2017 15:42
1,1-Dichloroethene	ND	0.50	1	07/31/2017 15:42
cis-1,2-Dichloroethene	ND	0.50	1	07/31/2017 15:42
trans-1,2-Dichloroethene	ND	0.50	1	07/31/2017 15:42
1,2-Dichloropropane	ND	0.50	1	07/31/2017 15:42
1,3-Dichloropropane	ND	0.50	1	07/31/2017 15:42
2,2-Dichloropropane	ND	0.50	1	07/31/2017 15:42

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,46-50	1707A91-003A	Water	07/25/2017 10:55	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/31/2017 15:42
cis-1,3-Dichloropropene	ND	0.50	1	07/31/2017 15:42
trans-1,3-Dichloropropene	ND	0.50	1	07/31/2017 15:42
Diisopropyl ether (DIPE)	ND	0.50	1	07/31/2017 15:42
Ethylbenzene	ND	0.50	1	07/31/2017 15:42
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/31/2017 15:42
Freon 113	ND	0.50	1	07/31/2017 15:42
Hexachlorobutadiene	ND	0.50	1	07/31/2017 15:42
Hexachloroethane	ND	0.50	1	07/31/2017 15:42
2-Hexanone	ND	0.50	1	07/31/2017 15:42
Isopropylbenzene	ND	0.50	1	07/31/2017 15:42
4-Isopropyl toluene	ND	0.50	1	07/31/2017 15:42
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/31/2017 15:42
Methylene chloride	ND	0.50	1	07/31/2017 15:42
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/31/2017 15:42
Naphthalene	ND	0.50	1	07/31/2017 15:42
n-Propyl benzene	ND	0.50	1	07/31/2017 15:42
Styrene	ND	0.50	1	07/31/2017 15:42
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/31/2017 15:42
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/31/2017 15:42
Tetrachloroethene	ND	0.50	1	07/31/2017 15:42
Toluene	ND	0.50	1	07/31/2017 15:42
1,2,3-Trichlorobenzene	ND	0.50	1	07/31/2017 15:42
1,2,4-Trichlorobenzene	ND	0.50	1	07/31/2017 15:42
1,1,1-Trichloroethane	ND	0.50	1	07/31/2017 15:42
1,1,2-Trichloroethane	ND	0.50	1	07/31/2017 15:42
Trichloroethene	ND	0.50	1	07/31/2017 15:42
Trichlorofluoromethane	ND	0.50	1	07/31/2017 15:42
1,2,3-Trichloropropane	ND	0.50	1	07/31/2017 15:42
1,2,4-Trimethylbenzene	ND	0.50	1	07/31/2017 15:42
1,3,5-Trimethylbenzene	ND	0.50	1	07/31/2017 15:42
Vinyl Chloride	ND	0.50	1	07/31/2017 15:42
Xylenes, Total	ND	0.50	1	07/31/2017 15:42

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,46-50	**1707A91-003A**	**Water**	**07/25/2017 10:55**	**GC38**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	116	70-130		07/31/2017 15:42
Toluene-d8	102	70-130		07/31/2017 15:42
4-BFB	86	70-130		07/31/2017 15:42

Analyst(s): HK Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,55-60	1707A91-004A	Water	07/25/2017 11:15	GC38	143031

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	08/01/2017 11:36
tert-Amyl methyl ether (TAME)	ND	0.50	1	08/01/2017 11:36
Benzene	ND	0.50	1	08/01/2017 11:36
Bromobenzene	ND	0.50	1	08/01/2017 11:36
Bromochloromethane	ND	0.50	1	08/01/2017 11:36
Bromodichloromethane	ND	0.50	1	08/01/2017 11:36
Bromoform	ND	0.50	1	08/01/2017 11:36
Bromomethane	ND	0.50	1	08/01/2017 11:36
2-Butanone (MEK)	ND	2.0	1	08/01/2017 11:36
t-Butyl alcohol (TBA)	ND	2.0	1	08/01/2017 11:36
n-Butyl benzene	ND	0.50	1	08/01/2017 11:36
sec-Butyl benzene	ND	0.50	1	08/01/2017 11:36
tert-Butyl benzene	ND	0.50	1	08/01/2017 11:36
Carbon Disulfide	ND	0.50	1	08/01/2017 11:36
Carbon Tetrachloride	**2.3**	0.50	1	08/01/2017 11:36
Chlorobenzene	ND	0.50	1	08/01/2017 11:36
Chloroethane	ND	0.50	1	08/01/2017 11:36
Chloroform	**1.4**	0.50	1	08/01/2017 11:36
Chloromethane	ND	0.50	1	08/01/2017 11:36
2-Chlorotoluene	ND	0.50	1	08/01/2017 11:36
4-Chlorotoluene	ND	0.50	1	08/01/2017 11:36
Dibromochloromethane	ND	0.50	1	08/01/2017 11:36
1,2-Dibromo-3-chloropropane	ND	0.20	1	08/01/2017 11:36
1,2-Dibromoethane (EDB)	ND	0.50	1	08/01/2017 11:36
Dibromomethane	ND	0.50	1	08/01/2017 11:36
1,2-Dichlorobenzene	ND	0.50	1	08/01/2017 11:36
1,3-Dichlorobenzene	ND	0.50	1	08/01/2017 11:36
1,4-Dichlorobenzene	ND	0.50	1	08/01/2017 11:36
Dichlorodifluoromethane	**10**	0.50	1	08/01/2017 11:36
1,1-Dichloroethane	ND	0.50	1	08/01/2017 11:36
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	08/01/2017 11:36
1,1-Dichloroethene	ND	0.50	1	08/01/2017 11:36
cis-1,2-Dichloroethene	ND	0.50	1	08/01/2017 11:36
trans-1,2-Dichloroethene	ND	0.50	1	08/01/2017 11:36
1,2-Dichloropropane	ND	0.50	1	08/01/2017 11:36
1,3-Dichloropropane	ND	0.50	1	08/01/2017 11:36
2,2-Dichloropropane	ND	0.50	1	08/01/2017 11:36

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,55-60	1707A91-004A	Water	07/25/2017 11:15	GC38	143031

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	08/01/2017 11:36
cis-1,3-Dichloropropene	ND	0.50	1	08/01/2017 11:36
trans-1,3-Dichloropropene	ND	0.50	1	08/01/2017 11:36
Diisopropyl ether (DIPE)	ND	0.50	1	08/01/2017 11:36
Ethylbenzene	ND	0.50	1	08/01/2017 11:36
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	08/01/2017 11:36
Freon 113	ND	0.50	1	08/01/2017 11:36
Hexachlorobutadiene	ND	0.50	1	08/01/2017 11:36
Hexachloroethane	ND	0.50	1	08/01/2017 11:36
2-Hexanone	ND	0.50	1	08/01/2017 11:36
Isopropylbenzene	ND	0.50	1	08/01/2017 11:36
4-Isopropyl toluene	ND	0.50	1	08/01/2017 11:36
Methyl-t-butyl ether (MTBE)	**1.1**	0.50	1	08/01/2017 11:36
Methylene chloride	ND	0.50	1	08/01/2017 11:36
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	08/01/2017 11:36
Naphthalene	ND	0.50	1	08/01/2017 11:36
n-Propyl benzene	ND	0.50	1	08/01/2017 11:36
Styrene	ND	0.50	1	08/01/2017 11:36
1,1,1,2-Tetrachloroethane	ND	0.50	1	08/01/2017 11:36
1,1,2,2-Tetrachloroethane	ND	0.50	1	08/01/2017 11:36
Tetrachloroethene	ND	0.50	1	08/01/2017 11:36
Toluene	ND	0.50	1	08/01/2017 11:36
1,2,3-Trichlorobenzene	ND	0.50	1	08/01/2017 11:36
1,2,4-Trichlorobenzene	ND	0.50	1	08/01/2017 11:36
1,1,1-Trichloroethane	ND	0.50	1	08/01/2017 11:36
1,1,2-Trichloroethane	ND	0.50	1	08/01/2017 11:36
Trichloroethene	ND	0.50	1	08/01/2017 11:36
Trichlorofluoromethane	ND	0.50	1	08/01/2017 11:36
1,2,3-Trichloropropane	ND	0.50	1	08/01/2017 11:36
1,2,4-Trimethylbenzene	ND	0.50	1	08/01/2017 11:36
1,3,5-Trimethylbenzene	ND	0.50	1	08/01/2017 11:36
Vinyl Chloride	ND	0.50	1	08/01/2017 11:36
Xylenes, Total	ND	0.50	1	08/01/2017 11:36

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-20,55-60	**1707A91-004A**	**Water**	**07/25/2017 11:15**	**GC38**	**143031**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	120	70-130		08/01/2017 11:36
Toluene-d8	100	70-130		08/01/2017 11:36
4-BFB	84	70-130		08/01/2017 11:36

Analyst(s): HK Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-14,18-21	1707A91-005A	Water	07/25/2017 14:10	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/31/2017 22:56
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/31/2017 22:56
Benzene	ND	0.50	1	07/31/2017 22:56
Bromobenzene	ND	0.50	1	07/31/2017 22:56
Bromochloromethane	ND	0.50	1	07/31/2017 22:56
Bromodichloromethane	ND	0.50	1	07/31/2017 22:56
Bromoform	ND	0.50	1	07/31/2017 22:56
Bromomethane	ND	0.50	1	07/31/2017 22:56
2-Butanone (MEK)	ND	2.0	1	07/31/2017 22:56
t-Butyl alcohol (TBA)	ND	2.0	1	07/31/2017 22:56
n-Butyl benzene	ND	0.50	1	07/31/2017 22:56
sec-Butyl benzene	ND	0.50	1	07/31/2017 22:56
tert-Butyl benzene	ND	0.50	1	07/31/2017 22:56
Carbon Disulfide	ND	0.50	1	07/31/2017 22:56
Carbon Tetrachloride	ND	0.50	1	07/31/2017 22:56
Chlorobenzene	ND	0.50	1	07/31/2017 22:56
Chloroethane	ND	0.50	1	07/31/2017 22:56
Chloroform	ND	0.50	1	07/31/2017 22:56
Chloromethane	ND	0.50	1	07/31/2017 22:56
2-Chlorotoluene	ND	0.50	1	07/31/2017 22:56
4-Chlorotoluene	ND	0.50	1	07/31/2017 22:56
Dibromochloromethane	ND	0.50	1	07/31/2017 22:56
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/31/2017 22:56
1,2-Dibromoethane (EDB)	ND	0.50	1	07/31/2017 22:56
Dibromomethane	ND	0.50	1	07/31/2017 22:56
1,2-Dichlorobenzene	ND	0.50	1	07/31/2017 22:56
1,3-Dichlorobenzene	ND	0.50	1	07/31/2017 22:56
1,4-Dichlorobenzene	ND	0.50	1	07/31/2017 22:56
Dichlorodifluoromethane	ND	0.50	1	07/31/2017 22:56
1,1-Dichloroethane	ND	0.50	1	07/31/2017 22:56
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/31/2017 22:56
1,1-Dichloroethene	ND	0.50	1	07/31/2017 22:56
cis-1,2-Dichloroethene	ND	0.50	1	07/31/2017 22:56
trans-1,2-Dichloroethene	ND	0.50	1	07/31/2017 22:56
1,2-Dichloropropane	ND	0.50	1	07/31/2017 22:56
1,3-Dichloropropane	ND	0.50	1	07/31/2017 22:56
2,2-Dichloropropane	ND	0.50	1	07/31/2017 22:56

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-14,18-21	1707A91-005A	Water	07/25/2017 14:10	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/31/2017 22:56
cis-1,3-Dichloropropene	ND	0.50	1	07/31/2017 22:56
trans-1,3-Dichloropropene	ND	0.50	1	07/31/2017 22:56
Diisopropyl ether (DIPE)	ND	0.50	1	07/31/2017 22:56
Ethylbenzene	ND	0.50	1	07/31/2017 22:56
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/31/2017 22:56
Freon 113	ND	0.50	1	07/31/2017 22:56
Hexachlorobutadiene	ND	0.50	1	07/31/2017 22:56
Hexachloroethane	ND	0.50	1	07/31/2017 22:56
2-Hexanone	ND	0.50	1	07/31/2017 22:56
Isopropylbenzene	ND	0.50	1	07/31/2017 22:56
4-Isopropyl toluene	ND	0.50	1	07/31/2017 22:56
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/31/2017 22:56
Methylene chloride	ND	0.50	1	07/31/2017 22:56
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/31/2017 22:56
Naphthalene	ND	0.50	1	07/31/2017 22:56
n-Propyl benzene	ND	0.50	1	07/31/2017 22:56
Styrene	ND	0.50	1	07/31/2017 22:56
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/31/2017 22:56
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/31/2017 22:56
Tetrachloroethene	**36**	0.50	1	07/31/2017 22:56
Toluene	ND	0.50	1	07/31/2017 22:56
1,2,3-Trichlorobenzene	ND	0.50	1	07/31/2017 22:56
1,2,4-Trichlorobenzene	ND	0.50	1	07/31/2017 22:56
1,1,1-Trichloroethane	ND	0.50	1	07/31/2017 22:56
1,1,2-Trichloroethane	ND	0.50	1	07/31/2017 22:56
Trichloroethene	ND	0.50	1	07/31/2017 22:56
Trichlorofluoromethane	ND	0.50	1	07/31/2017 22:56
1,2,3-Trichloropropane	ND	0.50	1	07/31/2017 22:56
1,2,4-Trimethylbenzene	ND	0.50	1	07/31/2017 22:56
1,3,5-Trimethylbenzene	ND	0.50	1	07/31/2017 22:56
Vinyl Chloride	ND	0.50	1	07/31/2017 22:56
Xylenes, Total	ND	0.50	1	07/31/2017 22:56

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-14,18-21	**1707A91-005A**	**Water**	**07/25/2017 14:10**	**GC38**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	116	70-130		07/31/2017 22:56
Toluene-d8	102	70-130		07/31/2017 22:56
4-BFB	83	70-130		07/31/2017 22:56

Analyst(s): HK Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT14,26-32	1707A91-006A	Water	07/25/2017 14:30	GC38	143031

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	08/01/2017 12:14
tert-Amyl methyl ether (TAME)	ND	0.50	1	08/01/2017 12:14
Benzene	ND	0.50	1	08/01/2017 12:14
Bromobenzene	ND	0.50	1	08/01/2017 12:14
Bromochloromethane	ND	0.50	1	08/01/2017 12:14
Bromodichloromethane	ND	0.50	1	08/01/2017 12:14
Bromoform	ND	0.50	1	08/01/2017 12:14
Bromomethane	ND	0.50	1	08/01/2017 12:14
2-Butanone (MEK)	ND	2.0	1	08/01/2017 12:14
t-Butyl alcohol (TBA)	ND	2.0	1	08/01/2017 12:14
n-Butyl benzene	ND	0.50	1	08/01/2017 12:14
sec-Butyl benzene	ND	0.50	1	08/01/2017 12:14
tert-Butyl benzene	ND	0.50	1	08/01/2017 12:14
Carbon Disulfide	ND	0.50	1	08/01/2017 12:14
Carbon Tetrachloride	ND	0.50	1	08/01/2017 12:14
Chlorobenzene	ND	0.50	1	08/01/2017 12:14
Chloroethane	ND	0.50	1	08/01/2017 12:14
Chloroform	ND	0.50	1	08/01/2017 12:14
Chloromethane	ND	0.50	1	08/01/2017 12:14
2-Chlorotoluene	ND	0.50	1	08/01/2017 12:14
4-Chlorotoluene	ND	0.50	1	08/01/2017 12:14
Dibromochloromethane	ND	0.50	1	08/01/2017 12:14
1,2-Dibromo-3-chloropropane	ND	0.20	1	08/01/2017 12:14
1,2-Dibromoethane (EDB)	ND	0.50	1	08/01/2017 12:14
Dibromomethane	ND	0.50	1	08/01/2017 12:14
1,2-Dichlorobenzene	ND	0.50	1	08/01/2017 12:14
1,3-Dichlorobenzene	ND	0.50	1	08/01/2017 12:14
1,4-Dichlorobenzene	ND	0.50	1	08/01/2017 12:14
Dichlorodifluoromethane	ND	0.50	1	08/01/2017 12:14
1,1-Dichloroethane	ND	0.50	1	08/01/2017 12:14
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	08/01/2017 12:14
1,1-Dichloroethene	ND	0.50	1	08/01/2017 12:14
cis-1,2-Dichloroethene	ND	0.50	1	08/01/2017 12:14
trans-1,2-Dichloroethene	ND	0.50	1	08/01/2017 12:14
1,2-Dichloropropane	ND	0.50	1	08/01/2017 12:14
1,3-Dichloropropane	ND	0.50	1	08/01/2017 12:14
2,2-Dichloropropane	ND	0.50	1	08/01/2017 12:14

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT14,26-32	1707A91-006A	Water	07/25/2017 14:30	GC38	143031

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	08/01/2017 12:14
cis-1,3-Dichloropropene	ND	0.50	1	08/01/2017 12:14
trans-1,3-Dichloropropene	ND	0.50	1	08/01/2017 12:14
Diisopropyl ether (DIPE)	ND	0.50	1	08/01/2017 12:14
Ethylbenzene	ND	0.50	1	08/01/2017 12:14
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	08/01/2017 12:14
Freon 113	ND	0.50	1	08/01/2017 12:14
Hexachlorobutadiene	ND	0.50	1	08/01/2017 12:14
Hexachloroethane	ND	0.50	1	08/01/2017 12:14
2-Hexanone	ND	0.50	1	08/01/2017 12:14
Isopropylbenzene	ND	0.50	1	08/01/2017 12:14
4-Isopropyl toluene	ND	0.50	1	08/01/2017 12:14
Methyl-t-butyl ether (MTBE)	ND	0.50	1	08/01/2017 12:14
Methylene chloride	ND	0.50	1	08/01/2017 12:14
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	08/01/2017 12:14
Naphthalene	ND	0.50	1	08/01/2017 12:14
n-Propyl benzene	ND	0.50	1	08/01/2017 12:14
Styrene	ND	0.50	1	08/01/2017 12:14
1,1,1,2-Tetrachloroethane	ND	0.50	1	08/01/2017 12:14
1,1,2,2-Tetrachloroethane	ND	0.50	1	08/01/2017 12:14
Tetrachloroethene	**13**	0.50	1	08/01/2017 12:14
Toluene	ND	0.50	1	08/01/2017 12:14
1,2,3-Trichlorobenzene	ND	0.50	1	08/01/2017 12:14
1,2,4-Trichlorobenzene	ND	0.50	1	08/01/2017 12:14
1,1,1-Trichloroethane	ND	0.50	1	08/01/2017 12:14
1,1,2-Trichloroethane	ND	0.50	1	08/01/2017 12:14
Trichloroethene	ND	0.50	1	08/01/2017 12:14
Trichlorofluoromethane	ND	0.50	1	08/01/2017 12:14
1,2,3-Trichloropropane	ND	0.50	1	08/01/2017 12:14
1,2,4-Trimethylbenzene	ND	0.50	1	08/01/2017 12:14
1,3,5-Trimethylbenzene	ND	0.50	1	08/01/2017 12:14
Vinyl Chloride	ND	0.50	1	08/01/2017 12:14
Xylenes, Total	ND	0.50	1	08/01/2017 12:14

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT14,26-32	**1707A91-006A**	**Water**	**07/25/2017 14:30**	**GC38**	**143031**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	120	70-130		08/01/2017 12:14
Toluene-d8	101	70-130		08/01/2017 12:14
4-BFB	85	70-130		08/01/2017 12:14

Analyst(s): HK Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-14,58-64	1707A91-007A	Water	07/25/2017 15:00	GC38	143031

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	08/01/2017 12:52
tert-Amyl methyl ether (TAME)	ND	0.50	1	08/01/2017 12:52
Benzene	ND	0.50	1	08/01/2017 12:52
Bromobenzene	ND	0.50	1	08/01/2017 12:52
Bromochloromethane	ND	0.50	1	08/01/2017 12:52
Bromodichloromethane	ND	0.50	1	08/01/2017 12:52
Bromoform	ND	0.50	1	08/01/2017 12:52
Bromomethane	ND	0.50	1	08/01/2017 12:52
2-Butanone (MEK)	ND	2.0	1	08/01/2017 12:52
t-Butyl alcohol (TBA)	ND	2.0	1	08/01/2017 12:52
n-Butyl benzene	ND	0.50	1	08/01/2017 12:52
sec-Butyl benzene	ND	0.50	1	08/01/2017 12:52
tert-Butyl benzene	ND	0.50	1	08/01/2017 12:52
Carbon Disulfide	ND	0.50	1	08/01/2017 12:52
Carbon Tetrachloride	**1.6**	0.50	1	08/01/2017 12:52
Chlorobenzene	ND	0.50	1	08/01/2017 12:52
Chloroethane	ND	0.50	1	08/01/2017 12:52
Chloroform	**1.3**	0.50	1	08/01/2017 12:52
Chloromethane	ND	0.50	1	08/01/2017 12:52
2-Chlorotoluene	ND	0.50	1	08/01/2017 12:52
4-Chlorotoluene	ND	0.50	1	08/01/2017 12:52
Dibromochloromethane	ND	0.50	1	08/01/2017 12:52
1,2-Dibromo-3-chloropropane	ND	0.20	1	08/01/2017 12:52
1,2-Dibromoethane (EDB)	ND	0.50	1	08/01/2017 12:52
Dibromomethane	ND	0.50	1	08/01/2017 12:52
1,2-Dichlorobenzene	ND	0.50	1	08/01/2017 12:52
1,3-Dichlorobenzene	ND	0.50	1	08/01/2017 12:52
1,4-Dichlorobenzene	ND	0.50	1	08/01/2017 12:52
Dichlorodifluoromethane	**2.1**	0.50	1	08/01/2017 12:52
1,1-Dichloroethane	ND	0.50	1	08/01/2017 12:52
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	08/01/2017 12:52
1,1-Dichloroethene	ND	0.50	1	08/01/2017 12:52
cis-1,2-Dichloroethene	ND	0.50	1	08/01/2017 12:52
trans-1,2-Dichloroethene	ND	0.50	1	08/01/2017 12:52
1,2-Dichloropropane	ND	0.50	1	08/01/2017 12:52
1,3-Dichloropropane	ND	0.50	1	08/01/2017 12:52
2,2-Dichloropropane	ND	0.50	1	08/01/2017 12:52

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-14,58-64	1707A91-007A	Water	07/25/2017 15:00	GC38	143031

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	08/01/2017 12:52
cis-1,3-Dichloropropene	ND	0.50	1	08/01/2017 12:52
trans-1,3-Dichloropropene	ND	0.50	1	08/01/2017 12:52
Diisopropyl ether (DIPE)	ND	0.50	1	08/01/2017 12:52
Ethylbenzene	ND	0.50	1	08/01/2017 12:52
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	08/01/2017 12:52
Freon 113	ND	0.50	1	08/01/2017 12:52
Hexachlorobutadiene	ND	0.50	1	08/01/2017 12:52
Hexachloroethane	ND	0.50	1	08/01/2017 12:52
2-Hexanone	ND	0.50	1	08/01/2017 12:52
Isopropylbenzene	ND	0.50	1	08/01/2017 12:52
4-Isopropyl toluene	ND	0.50	1	08/01/2017 12:52
Methyl-t-butyl ether (MTBE)	**4.1**	0.50	1	08/01/2017 12:52
Methylene chloride	ND	0.50	1	08/01/2017 12:52
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	08/01/2017 12:52
Naphthalene	ND	0.50	1	08/01/2017 12:52
n-Propyl benzene	ND	0.50	1	08/01/2017 12:52
Styrene	ND	0.50	1	08/01/2017 12:52
1,1,1,2-Tetrachloroethane	ND	0.50	1	08/01/2017 12:52
1,1,2,2-Tetrachloroethane	ND	0.50	1	08/01/2017 12:52
Tetrachloroethene	ND	0.50	1	08/01/2017 12:52
Toluene	ND	0.50	1	08/01/2017 12:52
1,2,3-Trichlorobenzene	ND	0.50	1	08/01/2017 12:52
1,2,4-Trichlorobenzene	ND	0.50	1	08/01/2017 12:52
1,1,1-Trichloroethane	ND	0.50	1	08/01/2017 12:52
1,1,2-Trichloroethane	ND	0.50	1	08/01/2017 12:52
Trichloroethene	ND	0.50	1	08/01/2017 12:52
Trichlorofluoromethane	ND	0.50	1	08/01/2017 12:52
1,2,3-Trichloropropane	ND	0.50	1	08/01/2017 12:52
1,2,4-Trimethylbenzene	ND	0.50	1	08/01/2017 12:52
1,3,5-Trimethylbenzene	ND	0.50	1	08/01/2017 12:52
Vinyl Chloride	ND	0.50	1	08/01/2017 12:52
Xylenes, Total	ND	0.50	1	08/01/2017 12:52

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-14,58-64	**1707A91-007A**	**Water**	**07/25/2017 15:00**	**GC38**	**143031**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	122	70-130		08/01/2017 12:52
Toluene-d8	100	70-130		08/01/2017 12:52
4-BFB	86	70-130		08/01/2017 12:52

Analyst(s): HK Analytical Comments: b1

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	182	10	200	-	91	46-155
tert-Amyl methyl ether (TAME)	ND	8.82	0.50	10	-	88	54-140
Benzene	ND	9.73	0.50	10	-	97	47-158
Bromobenzene	ND	9.17	0.50	10	-	92	50-155
Bromochloromethane	ND	9.48	0.50	10	-	95	48-160
Bromodichloromethane	ND	9.12	0.50	10	-	91	60-156
Bromoform	ND	8.99	0.50	10	-	90	43-149
Bromomethane	ND	11.6	0.50	10	-	117	61-159
2-Butanone (MEK)	ND	35.2	2.0	40	-	88	61-124
t-Butyl alcohol (TBA)	ND	30.1	2.0	40	-	75	42-140
n-Butyl benzene	ND	10.7	0.50	10	-	107	74-138
sec-Butyl benzene	ND	10.6	0.50	10	-	106	72-142
tert-Butyl benzene	ND	10.2	0.50	10	-	102	74-140
Carbon Disulfide	ND	9.35	0.50	10	-	94	64-127
Carbon Tetrachloride	ND	9.67	0.50	10	-	97	61-158
Chlorobenzene	ND	9.55	0.50	10	-	95	43-157
Chloroethane	ND	9.92	0.50	10	-	99	50-127
Chloroform	ND	9.30	0.50	10	-	93	56-154
Chloromethane	ND	10.7	0.50	10	-	107	41-132
2-Chlorotoluene	ND	9.72	0.50	10	-	97	50-155
4-Chlorotoluene	ND	9.52	0.50	10	-	95	53-153
Dibromochloromethane	ND	8.47	0.50	10	-	85	49-156
1,2-Dibromo-3-chloropropane	ND	3.11	0.20	4	-	78	46-149
1,2-Dibromoethane (EDB)	ND	8.75	0.50	10	-	87	44-155
Dibromomethane	ND	8.92	0.50	10	-	89	50-157
1,2-Dichlorobenzene	ND	9.48	0.50	10	-	95	48-156
1,3-Dichlorobenzene	ND	9.97	0.50	10	-	100	49-159
1,4-Dichlorobenzene	ND	9.78	0.50	10	-	98	51-151
Dichlorodifluoromethane	ND	8.61	0.50	10	-	86	61-117
1,1-Dichloroethane	ND	10.3	0.50	10	-	103	53-153
1,2-Dichloroethane (1,2-DCA)	ND	9.37	0.50	10	-	94	66-125
1,1-Dichloroethene	ND	9.43	0.50	10	-	94	47-149
cis-1,2-Dichloroethene	ND	9.79	0.50	10	-	98	54-155
trans-1,2-Dichloroethene	ND	9.62	0.50	10	-	96	46-151
1,2-Dichloropropane	ND	9.77	0.50	10	-	98	54-153
1,3-Dichloropropane	ND	8.95	0.50	10	-	89	49-150
2,2-Dichloropropane	ND	10.5	0.50	10	-	105	74-147

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	9.70	0.50	10	-	97	54-150
cis-1,3-Dichloropropene	ND	8.88	0.50	10	-	89	55-159
trans-1,3-Dichloropropene	ND	9.03	0.50	10	-	90	74-131
Diisopropyl ether (DIPE)	ND	9.56	0.50	10	-	96	57-136
Ethylbenzene	ND	9.63	0.50	10	-	96	60-152
Ethyl tert-butyl ether (ETBE)	ND	9.26	0.50	10	-	93	55-137
Freon 113	ND	9.51	0.50	10	-	95	47-138
Hexachlorobutadiene	ND	9.04	0.50	10	-	90	66-160
Hexachloroethane	ND	9.17	0.50	10	-	92	75-130
2-Hexanone	ND	8.18	0.50	10	-	82	70-115
Isopropylbenzene	ND	9.71	0.50	10	-	97	59-156
4-Isopropyl toluene	ND	10.5	0.50	10	-	105	75-138
Methyl-t-butyl ether (MTBE)	ND	8.46	0.50	10	-	85	53-139
Methylene chloride	ND	8.97	0.50	10	-	90	66-127
4-Methyl-2-pentanone (MIBK)	ND	7.73	0.50	10	-	77	42-153
Naphthalene	ND	8.49	0.50	10	-	85	66-127
n-Propyl benzene	ND	10.4	0.50	10	-	104	54-155
Styrene	ND	9.72	0.50	10	-	97	51-152
1,1,1,2-Tetrachloroethane	ND	9.14	0.50	10	-	91	58-159
1,1,2,2-Tetrachloroethane	ND	8.43	0.50	10	-	84	51-150
Tetrachloroethene	ND	9.33	0.50	10	-	93	55-145
Toluene	ND	9.23	0.50	10	-	92	52-137
1,2,3-Trichlorobenzene	ND	9.05	0.50	10	-	90	70-136
1,2,4-Trichlorobenzene	ND	9.26	0.50	10	-	93	74-137
1,1,1-Trichloroethane	ND	9.59	0.50	10	-	96	57-156
1,1,2-Trichloroethane	ND	8.92	0.50	10	-	89	51-150
Trichloroethene	ND	9.33	0.50	10	-	93	43-157
Trichlorofluoromethane	ND	9.49	0.50	10	-	95	50-147
1,2,3-Trichloropropane	ND	8.82	0.50	10	-	88	41-152
1,2,4-Trimethylbenzene	ND	10.3	0.50	10	-	103	57-157
1,3,5-Trimethylbenzene	ND	10.0	0.50	10	-	100	56-159
Vinyl Chloride	ND	10.9	0.50	10	-	109	42-137
Xylenes, Total	ND	29.8	0.50	30	-	99	70-130

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	27.96	28.8		25	112	115	70-130
Toluene-d8	26.01	26.1		25	104	105	70-130
4-BFB	2.133	2.26		2.5	85	90	70-130

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acetone	227	245	200	ND	114	122	66-158	7.56	20
tert-Amyl methyl ether (TAME)	10.2	10.2	10	ND	102	102	69-139	0	20
Benzene	10.1	10.2	10	ND	101	102	69-141	0.391	20
Bromobenzene	9.24	9.41	10	ND	92	94	70-127	1.85	20
Bromochloromethane	10.4	10.6	10	ND	104	106	72-142	1.89	20
Bromodichloromethane	9.88	10.0	10	ND	99	100	75-141	1.23	20
Bromoform	10.0	10.6	10	ND	100	106	72-126	5.02	20
Bromomethane	10.1	10.4	10	ND	101	104	50-160	3.41	20
2-Butanone (MEK)	44.4	49.0	40	ND	111	123	69-154	9.91	20
t-Butyl alcohol (TBA)	38.0	44.3	40	ND	95	111	41-152	15.1	20
n-Butyl benzene	10.5	10.1	10	ND	105	101	70-134	3.34	20
sec-Butyl benzene	10.2	10.1	10	ND	102	101	73-131	0.866	20
tert-Butyl benzene	9.69	9.66	10	ND	97	97	71-125	0	20
Carbon Disulfide	9.26	9.33	10	ND	93	93	63-158	0	20
Carbon Tetrachloride	9.62	9.64	10	ND	96	96	72-143	0	20
Chlorobenzene	9.57	9.64	10	ND	96	96	77-120	0	20
Chloroethane	10.0	9.98	10	ND	100	100	54-131	0	20
Chloroform	9.78	9.89	10	ND	98	99	75-139	1.11	20
Chloromethane	8.93	8.84	10	ND	89	88	40-130	1.02	20
2-Chlorotoluene	9.44	9.45	10	ND	94	95	70-122	0.0925	20
4-Chlorotoluene	9.25	9.28	10	ND	93	93	71-123	0	20
Dibromochloromethane	9.07	9.39	10	ND	91	94	78-132	3.55	20
1,2-Dibromo-3-chloropropane	3.59	4.02	4	ND	90	101	59-143	11.3	20
1,2-Dibromoethane (EDB)	9.66	9.92	10	ND	97	99	76-135	2.63	20
Dibromomethane	10.1	10.4	10	ND	101	104	78-135	2.45	20
1,2-Dichlorobenzene	9.81	9.97	10	ND	98	100	68-133	1.58	20
1,3-Dichlorobenzene	9.93	10.1	10	ND	99	101	78-122	1.40	20
1,4-Dichlorobenzene	9.84	9.96	10	ND	98	100	80-117	1.21	20
Dichlorodifluoromethane	7.96	7.69	10	ND	80	77	38-125	3.38	20
1,1-Dichloroethane	10.6	10.6	10	ND	106	106	65-152	0	20
1,2-Dichloroethane (1,2-DCA)	10.5	10.7	10	ND	105	107	73-139	2.14	20
1,1-Dichloroethene	9.55	9.57	10	ND	95	96	59-140	0.205	20
cis-1,2-Dichloroethene	10.1	10.2	10	ND	101	102	50-154	1.39	20
trans-1,2-Dichloroethene	9.82	9.83	10	ND	98	98	69-136	0	20
1,2-Dichloropropane	10.5	10.6	10	ND	105	106	78-132	1.03	20
1,3-Dichloropropane	9.70	9.92	10	ND	97	99	77-131	2.27	20
2,2-Dichloropropane	9.82	9.90	10	ND	98	99	61-160	0.774	20

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,1-Dichloropropene	9.82	9.82	10	ND	98	98	70-137	0	20
cis-1,3-Dichloropropene	8.97	9.04	10	ND	90	90	78-135	0	20
trans-1,3-Dichloropropene	9.36	9.49	10	ND	94	95	78-131	1.42	20
Diisopropyl ether (DIPE)	10.6	10.8	10	ND	106	108	72-140	1.70	20
Ethylbenzene	9.57	9.56	10	ND	96	96	73-128	0	20
Ethyl tert-butyl ether (ETBE)	10.6	11.0	10	ND	106	110	71-140	3.72	20
Freon 113	9.58	9.58	10	ND	96	96	60-136	0	20
Hexachlorobutadiene	8.70	8.87	10	ND	87	89	56-132	1.87	20
Hexachloroethane	8.73	8.85	10	ND	87	88	61-129	1.35	20
2-Hexanone	10.2	11.3	10	ND	102	113	57-149	10.0	20
Isopropylbenzene	9.28	9.25	10	ND	93	92	69-130	0.333	20
4-Isopropyl toluene	10.1	10.0	10	ND	101	100	75-124	0.962	20
Methyl-t-butyl ether (MTBE)	10.1	10.6	10	ND	101	106	73-139	4.63	20
Methylene chloride	9.48	9.67	10	ND	95	97	74-128	1.96	20
4-Methyl-2-pentanone (MIBK)	9.32	10.0	10	ND	93	101	61-145	7.58	20
Naphthalene	9.36	9.80	10	ND	94	98	54-148	4.61	20
n-Propyl benzene	9.84	9.83	10	ND	98	98	71-121	0	20
Styrene	9.90	9.87	10	ND	99	99	56-140	0	20
1,1,1,2-Tetrachloroethane	9.38	9.48	10	ND	94	95	74-127	1.10	20
1,1,2,2-Tetrachloroethane	9.47	9.97	10	ND	95	100	63-142	5.12	20
Tetrachloroethene	9.12	9.12	10	ND	91	91	71-125	0	20
Toluene	9.14	9.15	10	ND	91	91	71-128	0	20
1,2,3-Trichlorobenzene	9.63	9.91	10	ND	96	99	59-135	2.90	20
1,2,4-Trichlorobenzene	9.65	9.75	10	ND	97	98	60-132	1.04	20
1,1,1-Trichloroethane	9.72	9.81	10	ND	97	98	75-138	0.848	20
1,1,2-Trichloroethane	9.83	10.1	10	ND	98	101	78-129	2.43	20
Trichloroethene	9.57	9.64	10	ND	96	96	64-132	0	20
Trichlorofluoromethane	9.57	9.58	10	ND	96	96	53-159	0	20
1,2,3-Trichloropropane	10.0	10.5	10	ND	101	105	68-130	4.06	20
1,2,4-Trimethylbenzene	10.1	10.0	10	ND	101	100	76-124	1.03	20
1,3,5-Trimethylbenzene	9.68	9.74	10	ND	97	97	77-124	0	20
Vinyl Chloride	9.64	9.58	10	ND	96	96	43-142	0	20
Xylenes, Total	29.7	29.9	30	ND	99	100	70-130	0.438	20

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Surrogate Recovery									
Dibromofluoromethane	29.7	29.9	25		119	120	73-131	0.742	20
Toluene-d8	25.1	25.0	25		100	100	72-117	0	20
4-BFB	2.22	2.22	2.5		89	89	74-116	0	20

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Prepared:	8/1/17	**BatchID:**	143031
Date Analyzed:	8/1/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-143031

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	203	10	200	-	101	46-155
tert-Amyl methyl ether (TAME)	ND	8.76	0.50	10	-	88	54-140
Benzene	ND	10.2	0.50	10	-	102	47-158
Bromobenzene	ND	9.46	0.50	10	-	95	50-155
Bromochloromethane	ND	9.93	0.50	10	-	99	48-160
Bromodichloromethane	ND	9.48	0.50	10	-	95	60-156
Bromoform	ND	9.28	0.50	10	-	93	43-149
Bromomethane	ND	12.3	0.50	10	-	123	61-159
2-Butanone (MEK)	ND	39.0	2.0	40	-	98	61-124
t-Butyl alcohol (TBA)	ND	31.9	2.0	40	-	80	42-140
n-Butyl benzene	ND	11.3	0.50	10	-	113	74-138
sec-Butyl benzene	ND	11.0	0.50	10	-	110	72-142
tert-Butyl benzene	ND	10.5	0.50	10	-	105	74-140
Carbon Disulfide	ND	9.65	0.50	10	-	97	64-127
Carbon Tetrachloride	ND	9.92	0.50	10	-	99	61-158
Chlorobenzene	ND	9.93	0.50	10	-	99	43-157
Chloroethane	ND	10.7	0.50	10	-	107	50-127
Chloroform	ND	9.77	0.50	10	-	98	56-154
Chloromethane	ND	10.8	0.50	10	-	108	41-132
2-Chlorotoluene	ND	10.1	0.50	10	-	101	50-155
4-Chlorotoluene	ND	9.81	0.50	10	-	98	53-153
Dibromochloromethane	ND	8.72	0.50	10	-	87	49-156
1,2-Dibromo-3-chloropropane	ND	3.29	0.20	4	-	82	46-149
1,2-Dibromoethane (EDB)	ND	9.20	0.50	10	-	92	44-155
Dibromomethane	ND	9.43	0.50	10	-	94	50-157
1,2-Dichlorobenzene	ND	9.96	0.50	10	-	100	48-156
1,3-Dichlorobenzene	ND	10.4	0.50	10	-	103	49-159
1,4-Dichlorobenzene	ND	10.2	0.50	10	-	102	51-151
Dichlorodifluoromethane	ND	8.97	0.50	10	-	90	61-117
1,1-Dichloroethane	ND	10.7	0.50	10	-	107	53-153
1,2-Dichloroethane (1,2-DCA)	ND	9.90	0.50	10	-	99	66-125
1,1-Dichloroethene	ND	9.94	0.50	10	-	99	47-149
cis-1,2-Dichloroethene	ND	10.2	0.50	10	-	102	54-155
trans-1,2-Dichloroethene	ND	10.1	0.50	10	-	101	46-151
1,2-Dichloropropane	ND	10.2	0.50	10	-	102	54-153
1,3-Dichloropropane	ND	9.36	0.50	10	-	94	49-150
2,2-Dichloropropane	ND	10.6	0.50	10	-	106	74-147

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Prepared:	8/1/17	**BatchID:**	143031
Date Analyzed:	8/1/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-143031

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	10.2	0.50	10	-	102	54-150
cis-1,3-Dichloropropene	ND	9.02	0.50	10	-	90	55-159
trans-1,3-Dichloropropene	ND	9.32	0.50	10	-	93	74-131
Diisopropyl ether (DIPE)	ND	10.1	0.50	10	-	101	57-136
Ethylbenzene	ND	10.1	0.50	10	-	101	60-152
Ethyl tert-butyl ether (ETBE)	ND	9.78	0.50	10	-	98	55-137
Freon 113	ND	9.96	0.50	10	-	100	47-138
Hexachlorobutadiene	ND	9.45	0.50	10	-	94	66-160
Hexachloroethane	ND	9.46	0.50	10	-	95	75-130
2-Hexanone	ND	9.07	0.50	10	-	91	70-115
Isopropylbenzene	ND	10.1	0.50	10	-	101	59-156
4-Isopropyl toluene	ND	10.8	0.50	10	-	108	75-138
Methyl-t-butyl ether (MTBE)	ND	8.97	0.50	10	-	90	53-139
Methylene chloride	ND	9.39	0.50	10	-	94	66-127
4-Methyl-2-pentanone (MIBK)	ND	8.30	0.50	10	-	83	42-153
Naphthalene	ND	9.23	0.50	10	-	92	66-127
n-Propyl benzene	ND	10.7	0.50	10	-	107	54-155
Styrene	ND	10.1	0.50	10	-	101	51-152
1,1,1,2-Tetrachloroethane	ND	9.42	0.50	10	-	94	58-159
1,1,2,2-Tetrachloroethane	ND	8.96	0.50	10	-	90	51-150
Tetrachloroethene	ND	9.66	0.50	10	-	97	55-145
Toluene	ND	9.58	0.50	10	-	96	52-137
1,2,3-Trichlorobenzene	ND	9.56	0.50	10	-	96	70-136
1,2,4-Trichlorobenzene	ND	9.81	0.50	10	-	98	74-137
1,1,1-Trichloroethane	ND	10.0	0.50	10	-	100	57-156
1,1,2-Trichloroethane	ND	9.35	0.50	10	-	94	51-150
Trichloroethene	ND	9.77	0.50	10	-	98	43-157
Trichlorofluoromethane	ND	9.96	0.50	10	-	100	50-147
1,2,3-Trichloropropane	ND	9.54	0.50	10	-	95	41-152
1,2,4-Trimethylbenzene	ND	10.7	0.50	10	-	107	57-157
1,3,5-Trimethylbenzene	ND	10.4	0.50	10	-	104	56-159
Vinyl Chloride	ND	11.3	0.50	10	-	113	42-137
Xylenes, Total	ND	31.3	0.50	30	-	104	70-130

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A91
Date Prepared:	8/1/17	**BatchID:**	143031
Date Analyzed:	8/1/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-143031

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	27.74	28.6		25	111	115	70-130
Toluene-d8	25.84	26.0		25	103	104	70-130
4-BFB	2.053	2.15		2.5	82	86	70-130

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1707A91 **ClientCode: HLEC**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Cheri Page
Harris & Lee Environmental Consulting,
120 Ross Valley Drive
San Rafael, CA 94901
(707) 322-8625 FAX: (866) 873-4361

Email: cheri@hlenv.com
cc/3rd Party:
PO:
ProjectNo: 761 Sebastopol Rd.

Bill to:
Elaine Everest
Harris & Lee Env. Consulting, LLC
120 Ross Valley Drive
San Rafael, CA 94901
elaine@hlenv.com

Requested TAT: **5 days;**

Date Received: **07/27/2017**
Date Logged: **07/27/2017**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1707A91-001	CPT-20,16-22	Water	7/25/2017 10:20	☐	A	A										
1707A91-002	CPT-20,27-34	Water	7/25/2017 10:35	☐	A											
1707A91-003	CPT-20,46-50	Water	7/25/2017 10:55	☐	A											
1707A91-004	CPT-20,55-60	Water	7/25/2017 11:15	☐	A											
1707A91-005	CPT-14,18-21	Water	7/25/2017 14:10	☐	A											
1707A91-006	CPT14,26-32	Water	7/25/2017 14:30	☐	A											
1707A91-007	CPT-14,58-64	Water	7/25/2017 15:00	☐	A											

Test Legend:

1	8260B_W	2	PREDF REPORT	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Kena Ponce

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: HARRIS & LEE ENVIRONMENTAL CONSULTING, **Project:** 761 Sebastopol Rd. **Work Order:** 1707A91
Client Contact: Cheri Page **QC Level:** LEVEL 2
Contact's Email: cheri@hlenv.com **Comments:** **Date Logged:** 7/27/2017

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1707A91-001A	CPT-20,16-22	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/25/2017 10:20	5 days	2%+	☐	
1707A91-002A	CPT-20,27-34	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/25/2017 10:35	5 days	5%+	☐	
1707A91-003A	CPT-20,46-50	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/25/2017 10:55	5 days	2%+	☐	
1707A91-004A	CPT-20,55-60	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/25/2017 11:15	5 days	2%+	☐	
1707A91-005A	CPT-14,18-21	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/25/2017 14:10	5 days	2%+	☐	
1707A91-006A	CPT14,26-32	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/25/2017 14:30	5 days	2%+	☐	
1707A91-007A	CPT-14,58-64	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/25/2017 15:00	5 days	2%+	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1707 A91

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 4 DAY ☐ 5 DAY ☐
Geotracker EDF ☒ PDF ☐ EDD ☐ Write On (DW) ☐ Bill ☐ 10 DAY ☐
Effluent Sample Requiring "J" flag ☐ UST Clean Up Fund Project ☐ Other #

Report To: Cheri Page	Bill To: Walter Beach, Harris & Lee
Company: Harris & Lee	120 Ross Valley Drive
1724 Capella Court	San Rafael, CA 94901
	E-Mail: cheri@hlenv.com
Tele: (707) 766-0606	Fax: (866) 873-4361
Project #:	Project Name: 761 Sebastopol Rd
Project Location: 761 Seb. Rd	Purchase Order #
Sampler Signature: Cheri Page	

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO3	Other
		2017													
CPT-20, 14-22		7/25	10:20	2	X										
CPT-20, 27-34			10:35	2	X										
CPT-20, 44-50			10:55	2	X										
CPT-20, 55-60			11:15	2	X										
CPT-14, 18-21			14:10	2	X										
CPT-14, 26-32			14:30	2	X										
CPT-14, 58-64		↓	15:00	2	X										

Analysis Request

BTEX / MTBE & TPH as Gas (8021 / 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505 / 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCBs / Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	BTEX / MTBE & TPH as Gas (8260)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Metals (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	Lead (total)	Soluble Lead (STLC)	Soluble Lead (TCLP)
									X									
									X									
									X									
									X									
									X									
									X									
									X									

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of their gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
Cheri Page	7/27/17	15:00	Moises
Relinquished By:	Date: 7/24/17	Time: 1915	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 7.2
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

COMMENTS:

VOAS O&G METALS OTHER HAZARDOUS
PRESERVATION pH<2

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Sample Receipt Checklist

Client Name:	**Harris & Lee Environmental Consulting, LLC**	Date and Time Received	**7/27/2017 19:15**
Project Name:	**761 Sebastopol Rd.**	Date Logged:	**7/27/2017**
		Received by:	Kena Ponce
WorkOrder №:	**1707A91** Matrix: Water	Logged by:	Kena Ponce
Carrier:	Moises Vasquez (contract courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Sample/Temp Blank temperature	Temp: 7.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

McCampbell Analytical, Inc.
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Analytical Report

WorkOrder: 1707A92

Report Created for: Harris & Lee Environmental Consulting, LLC

120 Ross Valley Drive
San Rafael, CA 94901

Project Contact: Cheri Page
Project P.O.:
Project Name: 761 Sebastopol Rd.

Project Received: 07/27/2017

Analytical Report reviewed & approved for release on 08/03/2017 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

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Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: 761 Sebastopol Rd.
WorkOrder: 1707A92

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: 761 Sebastopol Rd.
WorkOrder: 1707A92

Analytical Qualifiers

b1	Aqueous sample that contains greater than ~1 vol. % sediment
c8	Sample pH is greater than 2

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD is out of acceptance criteria.

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Travel Blank	**1707A92-001A**	**Water**	**07/26/2017 09:20**	**GC16**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	08/02/2017 00:10
tert-Amyl methyl ether (TAME)	ND	0.50	1	08/02/2017 00:10
Benzene	ND	0.50	1	08/02/2017 00:10
Bromobenzene	ND	0.50	1	08/02/2017 00:10
Bromochloromethane	ND	0.50	1	08/02/2017 00:10
Bromodichloromethane	ND	0.50	1	08/02/2017 00:10
Bromoform	ND	0.50	1	08/02/2017 00:10
Bromomethane	ND	0.50	1	08/02/2017 00:10
2-Butanone (MEK)	ND	2.0	1	08/02/2017 00:10
t-Butyl alcohol (TBA)	ND	2.0	1	08/02/2017 00:10
n-Butyl benzene	ND	0.50	1	08/02/2017 00:10
sec-Butyl benzene	ND	0.50	1	08/02/2017 00:10
tert-Butyl benzene	ND	0.50	1	08/02/2017 00:10
Carbon Disulfide	ND	0.50	1	08/02/2017 00:10
Carbon Tetrachloride	ND	0.50	1	08/02/2017 00:10
Chlorobenzene	ND	0.50	1	08/02/2017 00:10
Chloroethane	ND	0.50	1	08/02/2017 00:10
Chloroform	ND	0.50	1	08/02/2017 00:10
Chloromethane	ND	0.50	1	08/02/2017 00:10
2-Chlorotoluene	ND	0.50	1	08/02/2017 00:10
4-Chlorotoluene	ND	0.50	1	08/02/2017 00:10
Dibromochloromethane	ND	0.50	1	08/02/2017 00:10
1,2-Dibromo-3-chloropropane	ND	0.20	1	08/02/2017 00:10
1,2-Dibromoethane (EDB)	ND	0.50	1	08/02/2017 00:10
Dibromomethane	ND	0.50	1	08/02/2017 00:10
1,2-Dichlorobenzene	ND	0.50	1	08/02/2017 00:10
1,3-Dichlorobenzene	ND	0.50	1	08/02/2017 00:10
1,4-Dichlorobenzene	ND	0.50	1	08/02/2017 00:10
Dichlorodifluoromethane	ND	0.50	1	08/02/2017 00:10
1,1-Dichloroethane	ND	0.50	1	08/02/2017 00:10
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	08/02/2017 00:10
1,1-Dichloroethene	ND	0.50	1	08/02/2017 00:10
cis-1,2-Dichloroethene	ND	0.50	1	08/02/2017 00:10
trans-1,2-Dichloroethene	ND	0.50	1	08/02/2017 00:10
1,2-Dichloropropane	ND	0.50	1	08/02/2017 00:10
1,3-Dichloropropane	ND	0.50	1	08/02/2017 00:10
2,2-Dichloropropane	ND	0.50	1	08/02/2017 00:10

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Travel Blank	**1707A92-001A**	**Water**	**07/26/2017 09:20**	**GC16**	**142940**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	08/02/2017 00:10
cis-1,3-Dichloropropene	ND	0.50	1	08/02/2017 00:10
trans-1,3-Dichloropropene	ND	0.50	1	08/02/2017 00:10
Diisopropyl ether (DIPE)	ND	0.50	1	08/02/2017 00:10
Ethylbenzene	ND	0.50	1	08/02/2017 00:10
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	08/02/2017 00:10
Freon 113	ND	0.50	1	08/02/2017 00:10
Hexachlorobutadiene	ND	0.50	1	08/02/2017 00:10
Hexachloroethane	ND	0.50	1	08/02/2017 00:10
2-Hexanone	ND	0.50	1	08/02/2017 00:10
Isopropylbenzene	ND	0.50	1	08/02/2017 00:10
4-Isopropyl toluene	ND	0.50	1	08/02/2017 00:10
Methyl-t-butyl ether (MTBE)	ND	0.50	1	08/02/2017 00:10
Methylene chloride	ND	0.50	1	08/02/2017 00:10
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	08/02/2017 00:10
Naphthalene	ND	0.50	1	08/02/2017 00:10
n-Propyl benzene	ND	0.50	1	08/02/2017 00:10
Styrene	ND	0.50	1	08/02/2017 00:10
1,1,1,2-Tetrachloroethane	ND	0.50	1	08/02/2017 00:10
1,1,2,2-Tetrachloroethane	ND	0.50	1	08/02/2017 00:10
Tetrachloroethene	ND	0.50	1	08/02/2017 00:10
Toluene	ND	0.50	1	08/02/2017 00:10
1,2,3-Trichlorobenzene	ND	0.50	1	08/02/2017 00:10
1,2,4-Trichlorobenzene	ND	0.50	1	08/02/2017 00:10
1,1,1-Trichloroethane	ND	0.50	1	08/02/2017 00:10
1,1,2-Trichloroethane	ND	0.50	1	08/02/2017 00:10
Trichloroethene	ND	0.50	1	08/02/2017 00:10
Trichlorofluoromethane	ND	0.50	1	08/02/2017 00:10
1,2,3-Trichloropropane	ND	0.50	1	08/02/2017 00:10
1,2,4-Trimethylbenzene	ND	0.50	1	08/02/2017 00:10
1,3,5-Trimethylbenzene	ND	0.50	1	08/02/2017 00:10
Vinyl Chloride	ND	0.50	1	08/02/2017 00:10
Xylenes, Total	ND	0.50	1	08/02/2017 00:10

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Travel Blank	**1707A92-001A**	**Water**	**07/26/2017 09:20**	**GC16**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	108	70-130		08/02/2017 00:10
Toluene-d8	107	70-130		08/02/2017 00:10
4-BFB	109	70-130		08/02/2017 00:10

Analyst(s): KF

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-13,8-18	1707A92-002A	Water	07/26/2017 09:15	GC16	142939

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	08/02/2017 00:51
tert-Amyl methyl ether (TAME)	ND	0.50	1	08/02/2017 00:51
Benzene	ND	0.50	1	08/02/2017 00:51
Bromobenzene	ND	0.50	1	08/02/2017 00:51
Bromochloromethane	ND	0.50	1	08/02/2017 00:51
Bromodichloromethane	ND	0.50	1	08/02/2017 00:51
Bromoform	ND	0.50	1	08/02/2017 00:51
Bromomethane	ND	0.50	1	08/02/2017 00:51
2-Butanone (MEK)	ND	2.0	1	08/02/2017 00:51
t-Butyl alcohol (TBA)	ND	2.0	1	08/02/2017 00:51
n-Butyl benzene	ND	0.50	1	08/02/2017 00:51
sec-Butyl benzene	ND	0.50	1	08/02/2017 00:51
tert-Butyl benzene	ND	0.50	1	08/02/2017 00:51
Carbon Disulfide	ND	0.50	1	08/02/2017 00:51
Carbon Tetrachloride	ND	0.50	1	08/02/2017 00:51
Chlorobenzene	ND	0.50	1	08/02/2017 00:51
Chloroethane	ND	0.50	1	08/02/2017 00:51
Chloroform	ND	0.50	1	08/02/2017 00:51
Chloromethane	ND	0.50	1	08/02/2017 00:51
2-Chlorotoluene	ND	0.50	1	08/02/2017 00:51
4-Chlorotoluene	ND	0.50	1	08/02/2017 00:51
Dibromochloromethane	ND	0.50	1	08/02/2017 00:51
1,2-Dibromo-3-chloropropane	ND	0.20	1	08/02/2017 00:51
1,2-Dibromoethane (EDB)	ND	0.50	1	08/02/2017 00:51
Dibromomethane	ND	0.50	1	08/02/2017 00:51
1,2-Dichlorobenzene	ND	0.50	1	08/02/2017 00:51
1,3-Dichlorobenzene	ND	0.50	1	08/02/2017 00:51
1,4-Dichlorobenzene	ND	0.50	1	08/02/2017 00:51
Dichlorodifluoromethane	ND	0.50	1	08/02/2017 00:51
1,1-Dichloroethane	ND	0.50	1	08/02/2017 00:51
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	08/02/2017 00:51
1,1-Dichloroethene	ND	0.50	1	08/02/2017 00:51
cis-1,2-Dichloroethene	ND	0.50	1	08/02/2017 00:51
trans-1,2-Dichloroethene	ND	0.50	1	08/02/2017 00:51
1,2-Dichloropropane	ND	0.50	1	08/02/2017 00:51
1,3-Dichloropropane	ND	0.50	1	08/02/2017 00:51
2,2-Dichloropropane	ND	0.50	1	08/02/2017 00:51

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-13,8-18	**1707A92-002A**	**Water**	**07/26/2017 09:15**	**GC16**	**142939**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	08/02/2017 00:51
cis-1,3-Dichloropropene	ND	0.50	1	08/02/2017 00:51
trans-1,3-Dichloropropene	ND	0.50	1	08/02/2017 00:51
Diisopropyl ether (DIPE)	ND	0.50	1	08/02/2017 00:51
Ethylbenzene	ND	0.50	1	08/02/2017 00:51
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	08/02/2017 00:51
Freon 113	ND	0.50	1	08/02/2017 00:51
Hexachlorobutadiene	ND	0.50	1	08/02/2017 00:51
Hexachloroethane	ND	0.50	1	08/02/2017 00:51
2-Hexanone	ND	0.50	1	08/02/2017 00:51
Isopropylbenzene	ND	0.50	1	08/02/2017 00:51
4-Isopropyl toluene	ND	0.50	1	08/02/2017 00:51
Methyl-t-butyl ether (MTBE)	ND	0.50	1	08/02/2017 00:51
Methylene chloride	ND	0.50	1	08/02/2017 00:51
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	08/02/2017 00:51
Naphthalene	ND	0.50	1	08/02/2017 00:51
n-Propyl benzene	ND	0.50	1	08/02/2017 00:51
Styrene	ND	0.50	1	08/02/2017 00:51
1,1,1,2-Tetrachloroethane	ND	0.50	1	08/02/2017 00:51
1,1,2,2-Tetrachloroethane	ND	0.50	1	08/02/2017 00:51
Tetrachloroethene	ND	0.50	1	08/02/2017 00:51
Toluene	ND	0.50	1	08/02/2017 00:51
1,2,3-Trichlorobenzene	ND	0.50	1	08/02/2017 00:51
1,2,4-Trichlorobenzene	ND	0.50	1	08/02/2017 00:51
1,1,1-Trichloroethane	ND	0.50	1	08/02/2017 00:51
1,1,2-Trichloroethane	ND	0.50	1	08/02/2017 00:51
Trichloroethene	ND	0.50	1	08/02/2017 00:51
Trichlorofluoromethane	ND	0.50	1	08/02/2017 00:51
1,2,3-Trichloropropane	ND	0.50	1	08/02/2017 00:51
1,2,4-Trimethylbenzene	ND	0.50	1	08/02/2017 00:51
1,3,5-Trimethylbenzene	ND	0.50	1	08/02/2017 00:51
Vinyl Chloride	ND	0.50	1	08/02/2017 00:51
Xylenes, Total	ND	0.50	1	08/02/2017 00:51

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-13,8-18	**1707A92-002A**	**Water**	**07/26/2017 09:15**	**GC16**	**142939**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	108	70-130		08/02/2017 00:51
Toluene-d8	107	70-130		08/02/2017 00:51
4-BFB	115	70-130		08/02/2017 00:51

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-13,25-34	1707A92-003A	Water	07/26/2017 09:30	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/31/2017 19:47
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/31/2017 19:47
Benzene	ND	0.50	1	07/31/2017 19:47
Bromobenzene	ND	0.50	1	07/31/2017 19:47
Bromochloromethane	ND	0.50	1	07/31/2017 19:47
Bromodichloromethane	ND	0.50	1	07/31/2017 19:47
Bromoform	ND	0.50	1	07/31/2017 19:47
Bromomethane	ND	0.50	1	07/31/2017 19:47
2-Butanone (MEK)	ND	2.0	1	07/31/2017 19:47
t-Butyl alcohol (TBA)	ND	2.0	1	07/31/2017 19:47
n-Butyl benzene	ND	0.50	1	07/31/2017 19:47
sec-Butyl benzene	ND	0.50	1	07/31/2017 19:47
tert-Butyl benzene	ND	0.50	1	07/31/2017 19:47
Carbon Disulfide	ND	0.50	1	07/31/2017 19:47
Carbon Tetrachloride	ND	0.50	1	07/31/2017 19:47
Chlorobenzene	ND	0.50	1	07/31/2017 19:47
Chloroethane	ND	0.50	1	07/31/2017 19:47
Chloroform	ND	0.50	1	07/31/2017 19:47
Chloromethane	ND	0.50	1	07/31/2017 19:47
2-Chlorotoluene	ND	0.50	1	07/31/2017 19:47
4-Chlorotoluene	ND	0.50	1	07/31/2017 19:47
Dibromochloromethane	ND	0.50	1	07/31/2017 19:47
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/31/2017 19:47
1,2-Dibromoethane (EDB)	ND	0.50	1	07/31/2017 19:47
Dibromomethane	ND	0.50	1	07/31/2017 19:47
1,2-Dichlorobenzene	ND	0.50	1	07/31/2017 19:47
1,3-Dichlorobenzene	ND	0.50	1	07/31/2017 19:47
1,4-Dichlorobenzene	ND	0.50	1	07/31/2017 19:47
Dichlorodifluoromethane	ND	0.50	1	07/31/2017 19:47
1,1-Dichloroethane	ND	0.50	1	07/31/2017 19:47
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/31/2017 19:47
1,1-Dichloroethene	ND	0.50	1	07/31/2017 19:47
cis-1,2-Dichloroethene	ND	0.50	1	07/31/2017 19:47
trans-1,2-Dichloroethene	ND	0.50	1	07/31/2017 19:47
1,2-Dichloropropane	ND	0.50	1	07/31/2017 19:47
1,3-Dichloropropane	ND	0.50	1	07/31/2017 19:47
2,2-Dichloropropane	ND	0.50	1	07/31/2017 19:47

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-13,25-34	1707A92-003A	Water	07/26/2017 09:30	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/31/2017 19:47
cis-1,3-Dichloropropene	ND	0.50	1	07/31/2017 19:47
trans-1,3-Dichloropropene	ND	0.50	1	07/31/2017 19:47
Diisopropyl ether (DIPE)	ND	0.50	1	07/31/2017 19:47
Ethylbenzene	ND	0.50	1	07/31/2017 19:47
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/31/2017 19:47
Freon 113	ND	0.50	1	07/31/2017 19:47
Hexachlorobutadiene	ND	0.50	1	07/31/2017 19:47
Hexachloroethane	ND	0.50	1	07/31/2017 19:47
2-Hexanone	ND	0.50	1	07/31/2017 19:47
Isopropylbenzene	ND	0.50	1	07/31/2017 19:47
4-Isopropyl toluene	ND	0.50	1	07/31/2017 19:47
Methyl-t-butyl ether (MTBE)	**21**	0.50	1	07/31/2017 19:47
Methylene chloride	ND	0.50	1	07/31/2017 19:47
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/31/2017 19:47
Naphthalene	ND	0.50	1	07/31/2017 19:47
n-Propyl benzene	ND	0.50	1	07/31/2017 19:47
Styrene	ND	0.50	1	07/31/2017 19:47
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/31/2017 19:47
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/31/2017 19:47
Tetrachloroethene	ND	0.50	1	07/31/2017 19:47
Toluene	ND	0.50	1	07/31/2017 19:47
1,2,3-Trichlorobenzene	ND	0.50	1	07/31/2017 19:47
1,2,4-Trichlorobenzene	ND	0.50	1	07/31/2017 19:47
1,1,1-Trichloroethane	ND	0.50	1	07/31/2017 19:47
1,1,2-Trichloroethane	ND	0.50	1	07/31/2017 19:47
Trichloroethene	ND	0.50	1	07/31/2017 19:47
Trichlorofluoromethane	ND	0.50	1	07/31/2017 19:47
1,2,3-Trichloropropane	ND	0.50	1	07/31/2017 19:47
1,2,4-Trimethylbenzene	ND	0.50	1	07/31/2017 19:47
1,3,5-Trimethylbenzene	ND	0.50	1	07/31/2017 19:47
Vinyl Chloride	ND	0.50	1	07/31/2017 19:47
Xylenes, Total	ND	0.50	1	07/31/2017 19:47

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-13,25-34	**1707A92-003A**	**Water**	**07/26/2017 09:30**	**GC38**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	115	70-130		07/31/2017 19:47
Toluene-d8	103	70-130		07/31/2017 19:47
4-BFB	87	70-130		07/31/2017 19:47

Analyst(s): HK Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-13,55-60	1707A92-004A	Water	07/26/2017 09:55	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/31/2017 20:24
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/31/2017 20:24
Benzene	ND	0.50	1	07/31/2017 20:24
Bromobenzene	ND	0.50	1	07/31/2017 20:24
Bromochloromethane	ND	0.50	1	07/31/2017 20:24
Bromodichloromethane	ND	0.50	1	07/31/2017 20:24
Bromoform	ND	0.50	1	07/31/2017 20:24
Bromomethane	ND	0.50	1	07/31/2017 20:24
2-Butanone (MEK)	ND	2.0	1	07/31/2017 20:24
t-Butyl alcohol (TBA)	ND	2.0	1	07/31/2017 20:24
n-Butyl benzene	ND	0.50	1	07/31/2017 20:24
sec-Butyl benzene	ND	0.50	1	07/31/2017 20:24
tert-Butyl benzene	ND	0.50	1	07/31/2017 20:24
Carbon Disulfide	ND	0.50	1	07/31/2017 20:24
Carbon Tetrachloride	ND	0.50	1	07/31/2017 20:24
Chlorobenzene	ND	0.50	1	07/31/2017 20:24
Chloroethane	ND	0.50	1	07/31/2017 20:24
Chloroform	ND	0.50	1	07/31/2017 20:24
Chloromethane	ND	0.50	1	07/31/2017 20:24
2-Chlorotoluene	ND	0.50	1	07/31/2017 20:24
4-Chlorotoluene	ND	0.50	1	07/31/2017 20:24
Dibromochloromethane	ND	0.50	1	07/31/2017 20:24
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/31/2017 20:24
1,2-Dibromoethane (EDB)	ND	0.50	1	07/31/2017 20:24
Dibromomethane	ND	0.50	1	07/31/2017 20:24
1,2-Dichlorobenzene	ND	0.50	1	07/31/2017 20:24
1,3-Dichlorobenzene	ND	0.50	1	07/31/2017 20:24
1,4-Dichlorobenzene	ND	0.50	1	07/31/2017 20:24
Dichlorodifluoromethane	ND	0.50	1	07/31/2017 20:24
1,1-Dichloroethane	ND	0.50	1	07/31/2017 20:24
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/31/2017 20:24
1,1-Dichloroethene	ND	0.50	1	07/31/2017 20:24
cis-1,2-Dichloroethene	ND	0.50	1	07/31/2017 20:24
trans-1,2-Dichloroethene	ND	0.50	1	07/31/2017 20:24
1,2-Dichloropropane	ND	0.50	1	07/31/2017 20:24
1,3-Dichloropropane	ND	0.50	1	07/31/2017 20:24
2,2-Dichloropropane	ND	0.50	1	07/31/2017 20:24

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-13,55-60	**1707A92-004A**	**Water**	**07/26/2017 09:55**	**GC38**	**142940**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/31/2017 20:24
cis-1,3-Dichloropropene	ND	0.50	1	07/31/2017 20:24
trans-1,3-Dichloropropene	ND	0.50	1	07/31/2017 20:24
Diisopropyl ether (DIPE)	ND	0.50	1	07/31/2017 20:24
Ethylbenzene	ND	0.50	1	07/31/2017 20:24
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/31/2017 20:24
Freon 113	ND	0.50	1	07/31/2017 20:24
Hexachlorobutadiene	ND	0.50	1	07/31/2017 20:24
Hexachloroethane	ND	0.50	1	07/31/2017 20:24
2-Hexanone	ND	0.50	1	07/31/2017 20:24
Isopropylbenzene	ND	0.50	1	07/31/2017 20:24
4-Isopropyl toluene	ND	0.50	1	07/31/2017 20:24
Methyl-t-butyl ether (MTBE)	**1.9**	0.50	1	07/31/2017 20:24
Methylene chloride	ND	0.50	1	07/31/2017 20:24
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/31/2017 20:24
Naphthalene	ND	0.50	1	07/31/2017 20:24
n-Propyl benzene	ND	0.50	1	07/31/2017 20:24
Styrene	ND	0.50	1	07/31/2017 20:24
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/31/2017 20:24
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/31/2017 20:24
Tetrachloroethene	ND	0.50	1	07/31/2017 20:24
Toluene	ND	0.50	1	07/31/2017 20:24
1,2,3-Trichlorobenzene	ND	0.50	1	07/31/2017 20:24
1,2,4-Trichlorobenzene	ND	0.50	1	07/31/2017 20:24
1,1,1-Trichloroethane	ND	0.50	1	07/31/2017 20:24
1,1,2-Trichloroethane	ND	0.50	1	07/31/2017 20:24
Trichloroethene	ND	0.50	1	07/31/2017 20:24
Trichlorofluoromethane	ND	0.50	1	07/31/2017 20:24
1,2,3-Trichloropropane	ND	0.50	1	07/31/2017 20:24
1,2,4-Trimethylbenzene	ND	0.50	1	07/31/2017 20:24
1,3,5-Trimethylbenzene	ND	0.50	1	07/31/2017 20:24
Vinyl Chloride	ND	0.50	1	07/31/2017 20:24
Xylenes, Total	ND	0.50	1	07/31/2017 20:24

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-13,55-60	**1707A92-004A**	**Water**	**07/26/2017 09:55**	**GC38**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	115	70-130		07/31/2017 20:24
Toluene-d8	103	70-130		07/31/2017 20:24
4-BFB	86	70-130		07/31/2017 20:24

Analyst(s): HK Analytical Comments: c8,b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-16,18-24	1707A92-005A	Water	07/26/2017 11:30	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/31/2017 21:02
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/31/2017 21:02
Benzene	ND	0.50	1	07/31/2017 21:02
Bromobenzene	ND	0.50	1	07/31/2017 21:02
Bromochloromethane	ND	0.50	1	07/31/2017 21:02
Bromodichloromethane	ND	0.50	1	07/31/2017 21:02
Bromoform	ND	0.50	1	07/31/2017 21:02
Bromomethane	ND	0.50	1	07/31/2017 21:02
2-Butanone (MEK)	ND	2.0	1	07/31/2017 21:02
t-Butyl alcohol (TBA)	ND	2.0	1	07/31/2017 21:02
n-Butyl benzene	ND	0.50	1	07/31/2017 21:02
sec-Butyl benzene	ND	0.50	1	07/31/2017 21:02
tert-Butyl benzene	ND	0.50	1	07/31/2017 21:02
Carbon Disulfide	ND	0.50	1	07/31/2017 21:02
Carbon Tetrachloride	ND	0.50	1	07/31/2017 21:02
Chlorobenzene	ND	0.50	1	07/31/2017 21:02
Chloroethane	ND	0.50	1	07/31/2017 21:02
Chloroform	ND	0.50	1	07/31/2017 21:02
Chloromethane	ND	0.50	1	07/31/2017 21:02
2-Chlorotoluene	ND	0.50	1	07/31/2017 21:02
4-Chlorotoluene	ND	0.50	1	07/31/2017 21:02
Dibromochloromethane	ND	0.50	1	07/31/2017 21:02
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/31/2017 21:02
1,2-Dibromoethane (EDB)	ND	0.50	1	07/31/2017 21:02
Dibromomethane	ND	0.50	1	07/31/2017 21:02
1,2-Dichlorobenzene	ND	0.50	1	07/31/2017 21:02
1,3-Dichlorobenzene	ND	0.50	1	07/31/2017 21:02
1,4-Dichlorobenzene	ND	0.50	1	07/31/2017 21:02
Dichlorodifluoromethane	ND	0.50	1	07/31/2017 21:02
1,1-Dichloroethane	ND	0.50	1	07/31/2017 21:02
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/31/2017 21:02
1,1-Dichloroethene	ND	0.50	1	07/31/2017 21:02
cis-1,2-Dichloroethene	ND	0.50	1	07/31/2017 21:02
trans-1,2-Dichloroethene	ND	0.50	1	07/31/2017 21:02
1,2-Dichloropropane	ND	0.50	1	07/31/2017 21:02
1,3-Dichloropropane	ND	0.50	1	07/31/2017 21:02
2,2-Dichloropropane	ND	0.50	1	07/31/2017 21:02

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-16,18-24	1707A92-005A	Water	07/26/2017 11:30	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/31/2017 21:02
cis-1,3-Dichloropropene	ND	0.50	1	07/31/2017 21:02
trans-1,3-Dichloropropene	ND	0.50	1	07/31/2017 21:02
Diisopropyl ether (DIPE)	ND	0.50	1	07/31/2017 21:02
Ethylbenzene	ND	0.50	1	07/31/2017 21:02
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/31/2017 21:02
Freon 113	ND	0.50	1	07/31/2017 21:02
Hexachlorobutadiene	ND	0.50	1	07/31/2017 21:02
Hexachloroethane	ND	0.50	1	07/31/2017 21:02
2-Hexanone	ND	0.50	1	07/31/2017 21:02
Isopropylbenzene	ND	0.50	1	07/31/2017 21:02
4-Isopropyl toluene	ND	0.50	1	07/31/2017 21:02
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/31/2017 21:02
Methylene chloride	ND	0.50	1	07/31/2017 21:02
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/31/2017 21:02
Naphthalene	ND	0.50	1	07/31/2017 21:02
n-Propyl benzene	ND	0.50	1	07/31/2017 21:02
Styrene	ND	0.50	1	07/31/2017 21:02
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/31/2017 21:02
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/31/2017 21:02
Tetrachloroethene	ND	0.50	1	07/31/2017 21:02
Toluene	ND	0.50	1	07/31/2017 21:02
1,2,3-Trichlorobenzene	ND	0.50	1	07/31/2017 21:02
1,2,4-Trichlorobenzene	ND	0.50	1	07/31/2017 21:02
1,1,1-Trichloroethane	ND	0.50	1	07/31/2017 21:02
1,1,2-Trichloroethane	ND	0.50	1	07/31/2017 21:02
Trichloroethene	ND	0.50	1	07/31/2017 21:02
Trichlorofluoromethane	ND	0.50	1	07/31/2017 21:02
1,2,3-Trichloropropane	ND	0.50	1	07/31/2017 21:02
1,2,4-Trimethylbenzene	ND	0.50	1	07/31/2017 21:02
1,3,5-Trimethylbenzene	ND	0.50	1	07/31/2017 21:02
Vinyl Chloride	ND	0.50	1	07/31/2017 21:02
Xylenes, Total	ND	0.50	1	07/31/2017 21:02

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-16,18-24	**1707A92-005A**	**Water**	**07/26/2017 11:30**	**GC38**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	116	70-130		07/31/2017 21:02
Toluene-d8	103	70-130		07/31/2017 21:02
4-BFB	85	70-130		07/31/2017 21:02

Analyst(s): HK Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-16,33-37	1707A92-006A	Water	07/26/2017 11:45	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/31/2017 21:40
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/31/2017 21:40
Benzene	ND	0.50	1	07/31/2017 21:40
Bromobenzene	ND	0.50	1	07/31/2017 21:40
Bromochloromethane	ND	0.50	1	07/31/2017 21:40
Bromodichloromethane	ND	0.50	1	07/31/2017 21:40
Bromoform	ND	0.50	1	07/31/2017 21:40
Bromomethane	ND	0.50	1	07/31/2017 21:40
2-Butanone (MEK)	ND	2.0	1	07/31/2017 21:40
t-Butyl alcohol (TBA)	ND	2.0	1	07/31/2017 21:40
n-Butyl benzene	ND	0.50	1	07/31/2017 21:40
sec-Butyl benzene	ND	0.50	1	07/31/2017 21:40
tert-Butyl benzene	ND	0.50	1	07/31/2017 21:40
Carbon Disulfide	ND	0.50	1	07/31/2017 21:40
Carbon Tetrachloride	ND	0.50	1	07/31/2017 21:40
Chlorobenzene	ND	0.50	1	07/31/2017 21:40
Chloroethane	ND	0.50	1	07/31/2017 21:40
Chloroform	ND	0.50	1	07/31/2017 21:40
Chloromethane	ND	0.50	1	07/31/2017 21:40
2-Chlorotoluene	ND	0.50	1	07/31/2017 21:40
4-Chlorotoluene	ND	0.50	1	07/31/2017 21:40
Dibromochloromethane	ND	0.50	1	07/31/2017 21:40
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/31/2017 21:40
1,2-Dibromoethane (EDB)	ND	0.50	1	07/31/2017 21:40
Dibromomethane	ND	0.50	1	07/31/2017 21:40
1,2-Dichlorobenzene	ND	0.50	1	07/31/2017 21:40
1,3-Dichlorobenzene	ND	0.50	1	07/31/2017 21:40
1,4-Dichlorobenzene	ND	0.50	1	07/31/2017 21:40
Dichlorodifluoromethane	ND	0.50	1	07/31/2017 21:40
1,1-Dichloroethane	ND	0.50	1	07/31/2017 21:40
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/31/2017 21:40
1,1-Dichloroethene	**1.6**	0.50	1	07/31/2017 21:40
cis-1,2-Dichloroethene	ND	0.50	1	07/31/2017 21:40
trans-1,2-Dichloroethene	ND	0.50	1	07/31/2017 21:40
1,2-Dichloropropane	ND	0.50	1	07/31/2017 21:40
1,3-Dichloropropane	ND	0.50	1	07/31/2017 21:40
2,2-Dichloropropane	ND	0.50	1	07/31/2017 21:40

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-16,33-37	1707A92-006A	Water	07/26/2017 11:45	GC38	142940

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/31/2017 21:40
cis-1,3-Dichloropropene	ND	0.50	1	07/31/2017 21:40
trans-1,3-Dichloropropene	ND	0.50	1	07/31/2017 21:40
Diisopropyl ether (DIPE)	ND	0.50	1	07/31/2017 21:40
Ethylbenzene	ND	0.50	1	07/31/2017 21:40
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/31/2017 21:40
Freon 113	ND	0.50	1	07/31/2017 21:40
Hexachlorobutadiene	ND	0.50	1	07/31/2017 21:40
Hexachloroethane	ND	0.50	1	07/31/2017 21:40
2-Hexanone	ND	0.50	1	07/31/2017 21:40
Isopropylbenzene	ND	0.50	1	07/31/2017 21:40
4-Isopropyl toluene	ND	0.50	1	07/31/2017 21:40
Methyl-t-butyl ether (MTBE)	**0.81**	0.50	1	07/31/2017 21:40
Methylene chloride	ND	0.50	1	07/31/2017 21:40
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/31/2017 21:40
Naphthalene	ND	0.50	1	07/31/2017 21:40
n-Propyl benzene	ND	0.50	1	07/31/2017 21:40
Styrene	ND	0.50	1	07/31/2017 21:40
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/31/2017 21:40
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/31/2017 21:40
Tetrachloroethene	ND	0.50	1	07/31/2017 21:40
Toluene	ND	0.50	1	07/31/2017 21:40
1,2,3-Trichlorobenzene	ND	0.50	1	07/31/2017 21:40
1,2,4-Trichlorobenzene	ND	0.50	1	07/31/2017 21:40
1,1,1-Trichloroethane	ND	0.50	1	07/31/2017 21:40
1,1,2-Trichloroethane	ND	0.50	1	07/31/2017 21:40
Trichloroethene	ND	0.50	1	07/31/2017 21:40
Trichlorofluoromethane	ND	0.50	1	07/31/2017 21:40
1,2,3-Trichloropropane	ND	0.50	1	07/31/2017 21:40
1,2,4-Trimethylbenzene	ND	0.50	1	07/31/2017 21:40
1,3,5-Trimethylbenzene	ND	0.50	1	07/31/2017 21:40
Vinyl Chloride	ND	0.50	1	07/31/2017 21:40
Xylenes, Total	ND	0.50	1	07/31/2017 21:40

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-16,33-37	**1707A92-006A**	**Water**	**07/26/2017 11:45**	**GC38**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	115	70-130		07/31/2017 21:40
Toluene-d8	102	70-130		07/31/2017 21:40
4-BFB	84	70-130		07/31/2017 21:40

Analyst(s): HK Analytical Comments: b1

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-Decon	**1707A92-007A**	**Water**	**07/26/2017 12:40**	**GC16**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	08/02/2017 02:13
tert-Amyl methyl ether (TAME)	ND	0.50	1	08/02/2017 02:13
Benzene	ND	0.50	1	08/02/2017 02:13
Bromobenzene	ND	0.50	1	08/02/2017 02:13
Bromochloromethane	ND	0.50	1	08/02/2017 02:13
Bromodichloromethane	ND	0.50	1	08/02/2017 02:13
Bromoform	ND	0.50	1	08/02/2017 02:13
Bromomethane	ND	0.50	1	08/02/2017 02:13
2-Butanone (MEK)	ND	2.0	1	08/02/2017 02:13
t-Butyl alcohol (TBA)	ND	2.0	1	08/02/2017 02:13
n-Butyl benzene	ND	0.50	1	08/02/2017 02:13
sec-Butyl benzene	ND	0.50	1	08/02/2017 02:13
tert-Butyl benzene	ND	0.50	1	08/02/2017 02:13
Carbon Disulfide	ND	0.50	1	08/02/2017 02:13
Carbon Tetrachloride	ND	0.50	1	08/02/2017 02:13
Chlorobenzene	ND	0.50	1	08/02/2017 02:13
Chloroethane	ND	0.50	1	08/02/2017 02:13
Chloroform	ND	0.50	1	08/02/2017 02:13
Chloromethane	ND	0.50	1	08/02/2017 02:13
2-Chlorotoluene	ND	0.50	1	08/02/2017 02:13
4-Chlorotoluene	ND	0.50	1	08/02/2017 02:13
Dibromochloromethane	ND	0.50	1	08/02/2017 02:13
1,2-Dibromo-3-chloropropane	ND	0.20	1	08/02/2017 02:13
1,2-Dibromoethane (EDB)	ND	0.50	1	08/02/2017 02:13
Dibromomethane	ND	0.50	1	08/02/2017 02:13
1,2-Dichlorobenzene	ND	0.50	1	08/02/2017 02:13
1,3-Dichlorobenzene	ND	0.50	1	08/02/2017 02:13
1,4-Dichlorobenzene	ND	0.50	1	08/02/2017 02:13
Dichlorodifluoromethane	ND	0.50	1	08/02/2017 02:13
1,1-Dichloroethane	ND	0.50	1	08/02/2017 02:13
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	08/02/2017 02:13
1,1-Dichloroethene	ND	0.50	1	08/02/2017 02:13
cis-1,2-Dichloroethene	ND	0.50	1	08/02/2017 02:13
trans-1,2-Dichloroethene	ND	0.50	1	08/02/2017 02:13
1,2-Dichloropropane	ND	0.50	1	08/02/2017 02:13
1,3-Dichloropropane	ND	0.50	1	08/02/2017 02:13
2,2-Dichloropropane	ND	0.50	1	08/02/2017 02:13

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-Decon	**1707A92-007A**	**Water**	**07/26/2017 12:40**	**GC16**	**142940**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	08/02/2017 02:13
cis-1,3-Dichloropropene	ND	0.50	1	08/02/2017 02:13
trans-1,3-Dichloropropene	ND	0.50	1	08/02/2017 02:13
Diisopropyl ether (DIPE)	ND	0.50	1	08/02/2017 02:13
Ethylbenzene	ND	0.50	1	08/02/2017 02:13
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	08/02/2017 02:13
Freon 113	ND	0.50	1	08/02/2017 02:13
Hexachlorobutadiene	ND	0.50	1	08/02/2017 02:13
Hexachloroethane	ND	0.50	1	08/02/2017 02:13
2-Hexanone	ND	0.50	1	08/02/2017 02:13
Isopropylbenzene	ND	0.50	1	08/02/2017 02:13
4-Isopropyl toluene	ND	0.50	1	08/02/2017 02:13
Methyl-t-butyl ether (MTBE)	ND	0.50	1	08/02/2017 02:13
Methylene chloride	ND	0.50	1	08/02/2017 02:13
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	08/02/2017 02:13
Naphthalene	ND	0.50	1	08/02/2017 02:13
n-Propyl benzene	ND	0.50	1	08/02/2017 02:13
Styrene	ND	0.50	1	08/02/2017 02:13
1,1,1,2-Tetrachloroethane	ND	0.50	1	08/02/2017 02:13
1,1,2,2-Tetrachloroethane	ND	0.50	1	08/02/2017 02:13
Tetrachloroethene	ND	0.50	1	08/02/2017 02:13
Toluene	ND	0.50	1	08/02/2017 02:13
1,2,3-Trichlorobenzene	ND	0.50	1	08/02/2017 02:13
1,2,4-Trichlorobenzene	ND	0.50	1	08/02/2017 02:13
1,1,1-Trichloroethane	ND	0.50	1	08/02/2017 02:13
1,1,2-Trichloroethane	ND	0.50	1	08/02/2017 02:13
Trichloroethene	ND	0.50	1	08/02/2017 02:13
Trichlorofluoromethane	ND	0.50	1	08/02/2017 02:13
1,2,3-Trichloropropane	ND	0.50	1	08/02/2017 02:13
1,2,4-Trimethylbenzene	ND	0.50	1	08/02/2017 02:13
1,3,5-Trimethylbenzene	ND	0.50	1	08/02/2017 02:13
Vinyl Chloride	ND	0.50	1	08/02/2017 02:13
Xylenes, Total	ND	0.50	1	08/02/2017 02:13

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Received:	7/27/17 19:15	**Extraction Method:**	SW5030B
Date Prepared:	7/31/17-8/2/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
CPT-Decon	**1707A92-007A**	**Water**	**07/26/2017 12:40**	**GC16**	**142940**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	104	70-130		08/02/2017 02:13
Toluene-d8	107	70-130		08/02/2017 02:13
4-BFB	114	70-130		08/02/2017 02:13

Analyst(s): KF

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Prepared:	7/31/17	**BatchID:**	142939
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142939

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	201	10	200	-	100	46-155
tert-Amyl methyl ether (TAME)	ND	10.6	0.50	10	-	106	54-140
Benzene	ND	10.4	0.50	10	-	104	47-158
Bromobenzene	ND	11.1	0.50	10	-	111	50-155
Bromochloromethane	ND	11.0	0.50	10	-	110	48-160
Bromodichloromethane	ND	10.7	0.50	10	-	107	60-156
Bromoform	ND	10.3	0.50	10	-	103	43-149
Bromomethane	ND	6.88	0.50	10	-	69	61-159
2-Butanone (MEK)	ND	37.5	2.0	40	-	94	61-124
t-Butyl alcohol (TBA)	ND	42.2	2.0	40	-	105	42-140
n-Butyl benzene	ND	12.0	0.50	10	-	120	74-138
sec-Butyl benzene	ND	11.6	0.50	10	-	117	72-142
tert-Butyl benzene	ND	11.5	0.50	10	-	115	74-140
Carbon Disulfide	ND	10.3	0.50	10	-	103	64-127
Carbon Tetrachloride	ND	11.8	0.50	10	-	118	61-158
Chlorobenzene	ND	10.7	0.50	10	-	107	43-157
Chloroethane	ND	7.53	0.50	10	-	75	50-127
Chloroform	ND	10.3	0.50	10	-	103	56-154
Chloromethane	ND	7.16	0.50	10	-	72	41-132
2-Chlorotoluene	ND	11.8	0.50	10	-	118	50-155
4-Chlorotoluene	ND	11.4	0.50	10	-	115	53-153
Dibromochloromethane	ND	10.5	0.50	10	-	105	49-156
1,2-Dibromo-3-chloropropane	ND	4.13	0.20	4	-	103	46-149
1,2-Dibromoethane (EDB)	ND	11.1	0.50	10	-	111	44-155
Dibromomethane	ND	10.5	0.50	10	-	105	50-157
1,2-Dichlorobenzene	ND	11.2	0.50	10	-	112	48-156
1,3-Dichlorobenzene	ND	11.6	0.50	10	-	116	49-159
1,4-Dichlorobenzene	ND	11.4	0.50	10	-	114	51-151
Dichlorodifluoromethane	ND	5.51	0.50	10	-	55, F2	61-117
1,1-Dichloroethane	ND	10.4	0.50	10	-	104	53-153
1,2-Dichloroethane (1,2-DCA)	ND	10.7	0.50	10	-	107	66-125
1,1-Dichloroethene	ND	10.8	0.50	10	-	108	47-149
cis-1,2-Dichloroethene	ND	10.9	0.50	10	-	109	54-155
trans-1,2-Dichloroethene	ND	11.1	0.50	10	-	111	46-151
1,2-Dichloropropane	ND	10.3	0.50	10	-	103	54-153
1,3-Dichloropropane	ND	10.8	0.50	10	-	108	49-150
2,2-Dichloropropane	ND	12.3	0.50	10	-	123	74-147

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Prepared:	7/31/17	**BatchID:**	142939
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142939

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	11.0	0.50	10	-	110	54-150
cis-1,3-Dichloropropene	ND	11.7	0.50	10	-	117	55-159
trans-1,3-Dichloropropene	ND	10.5	0.50	10	-	105	74-131
Diisopropyl ether (DIPE)	ND	10.5	0.50	10	-	105	57-136
Ethylbenzene	ND	10.8	0.50	10	-	108	60-152
Ethyl tert-butyl ether (ETBE)	ND	10.7	0.50	10	-	107	55-137
Freon 113	ND	10.4	0.50	10	-	104	47-138
Hexachlorobutadiene	ND	13.4	0.50	10	-	134	66-160
Hexachloroethane	ND	10.4	0.50	10	-	104	75-130
2-Hexanone	ND	9.80	0.50	10	-	98	70-115
Isopropylbenzene	ND	11.3	0.50	10	-	113	59-156
4-Isopropyl toluene	ND	11.8	0.50	10	-	118	75-138
Methyl-t-butyl ether (MTBE)	ND	10.4	0.50	10	-	104	53-139
Methylene chloride	ND	9.44	0.50	10	-	94	66-127
4-Methyl-2-pentanone (MIBK)	ND	9.68	0.50	10	-	97	42-153
Naphthalene	ND	12.0	0.50	10	-	120	66-127
n-Propyl benzene	ND	12.1	0.50	10	-	121	54-155
Styrene	ND	11.4	0.50	10	-	114	51-152
1,1,1,2-Tetrachloroethane	ND	10.8	0.50	10	-	108	58-159
1,1,2,2-Tetrachloroethane	ND	10.1	0.50	10	-	101	51-150
Tetrachloroethene	ND	12.7	0.50	10	-	127	55-145
Toluene	ND	10.7	0.50	10	-	107	52-137
1,2,3-Trichlorobenzene	ND	12.1	0.50	10	-	121	70-136
1,2,4-Trichlorobenzene	ND	12.5	0.50	10	-	125	74-137
1,1,1-Trichloroethane	ND	11.5	0.50	10	-	115	57-156
1,1,2-Trichloroethane	ND	11.1	0.50	10	-	111	51-150
Trichloroethene	ND	11.9	0.50	10	-	119	43-157
Trichlorofluoromethane	ND	10.3	0.50	10	-	103	50-147
1,2,3-Trichloropropane	ND	10.3	0.50	10	-	103	41-152
1,2,4-Trimethylbenzene	ND	11.7	0.50	10	-	117	57-157
1,3,5-Trimethylbenzene	ND	11.6	0.50	10	-	116	56-159
Vinyl Chloride	ND	7.34	0.50	10	-	73	42-137
Xylenes, Total	ND	33.4	0.50	30	-	111	70-130

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Prepared:	7/31/17	**BatchID:**	142939
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142939

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	26.39	27.2		25	106	109	70-130
Toluene-d8	27.14	26.2		25	109	105	70-130
4-BFB	3.067	2.68		2.5	123	107	70-130

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	182	10	200	-	91	46-155
tert-Amyl methyl ether (TAME)	ND	8.82	0.50	10	-	88	54-140
Benzene	ND	9.73	0.50	10	-	97	47-158
Bromobenzene	ND	9.17	0.50	10	-	92	50-155
Bromochloromethane	ND	9.48	0.50	10	-	95	48-160
Bromodichloromethane	ND	9.12	0.50	10	-	91	60-156
Bromoform	ND	8.99	0.50	10	-	90	43-149
Bromomethane	ND	11.6	0.50	10	-	117	61-159
2-Butanone (MEK)	ND	35.2	2.0	40	-	88	61-124
t-Butyl alcohol (TBA)	ND	30.1	2.0	40	-	75	42-140
n-Butyl benzene	ND	10.7	0.50	10	-	107	74-138
sec-Butyl benzene	ND	10.6	0.50	10	-	106	72-142
tert-Butyl benzene	ND	10.2	0.50	10	-	102	74-140
Carbon Disulfide	ND	9.35	0.50	10	-	94	64-127
Carbon Tetrachloride	ND	9.67	0.50	10	-	97	61-158
Chlorobenzene	ND	9.55	0.50	10	-	95	43-157
Chloroethane	ND	9.92	0.50	10	-	99	50-127
Chloroform	ND	9.30	0.50	10	-	93	56-154
Chloromethane	ND	10.7	0.50	10	-	107	41-132
2-Chlorotoluene	ND	9.72	0.50	10	-	97	50-155
4-Chlorotoluene	ND	9.52	0.50	10	-	95	53-153
Dibromochloromethane	ND	8.47	0.50	10	-	85	49-156
1,2-Dibromo-3-chloropropane	ND	3.11	0.20	4	-	78	46-149
1,2-Dibromoethane (EDB)	ND	8.75	0.50	10	-	87	44-155
Dibromomethane	ND	8.92	0.50	10	-	89	50-157
1,2-Dichlorobenzene	ND	9.48	0.50	10	-	95	48-156
1,3-Dichlorobenzene	ND	9.97	0.50	10	-	100	49-159
1,4-Dichlorobenzene	ND	9.78	0.50	10	-	98	51-151
Dichlorodifluoromethane	ND	8.61	0.50	10	-	86	61-117
1,1-Dichloroethane	ND	10.3	0.50	10	-	103	53-153
1,2-Dichloroethane (1,2-DCA)	ND	9.37	0.50	10	-	94	66-125
1,1-Dichloroethene	ND	9.43	0.50	10	-	94	47-149
cis-1,2-Dichloroethene	ND	9.79	0.50	10	-	98	54-155
trans-1,2-Dichloroethene	ND	9.62	0.50	10	-	96	46-151
1,2-Dichloropropane	ND	9.77	0.50	10	-	98	54-153
1,3-Dichloropropane	ND	8.95	0.50	10	-	89	49-150
2,2-Dichloropropane	ND	10.5	0.50	10	-	105	74-147

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	9.70	0.50	10	-	97	54-150
cis-1,3-Dichloropropene	ND	8.88	0.50	10	-	89	55-159
trans-1,3-Dichloropropene	ND	9.03	0.50	10	-	90	74-131
Diisopropyl ether (DIPE)	ND	9.56	0.50	10	-	96	57-136
Ethylbenzene	ND	9.63	0.50	10	-	96	60-152
Ethyl tert-butyl ether (ETBE)	ND	9.26	0.50	10	-	93	55-137
Freon 113	ND	9.51	0.50	10	-	95	47-138
Hexachlorobutadiene	ND	9.04	0.50	10	-	90	66-160
Hexachloroethane	ND	9.17	0.50	10	-	92	75-130
2-Hexanone	ND	8.18	0.50	10	-	82	70-115
Isopropylbenzene	ND	9.71	0.50	10	-	97	59-156
4-Isopropyl toluene	ND	10.5	0.50	10	-	105	75-138
Methyl-t-butyl ether (MTBE)	ND	8.46	0.50	10	-	85	53-139
Methylene chloride	ND	8.97	0.50	10	-	90	66-127
4-Methyl-2-pentanone (MIBK)	ND	7.73	0.50	10	-	77	42-153
Naphthalene	ND	8.49	0.50	10	-	85	66-127
n-Propyl benzene	ND	10.4	0.50	10	-	104	54-155
Styrene	ND	9.72	0.50	10	-	97	51-152
1,1,1,2-Tetrachloroethane	ND	9.14	0.50	10	-	91	58-159
1,1,2,2-Tetrachloroethane	ND	8.43	0.50	10	-	84	51-150
Tetrachloroethene	ND	9.33	0.50	10	-	93	55-145
Toluene	ND	9.23	0.50	10	-	92	52-137
1,2,3-Trichlorobenzene	ND	9.05	0.50	10	-	90	70-136
1,2,4-Trichlorobenzene	ND	9.26	0.50	10	-	93	74-137
1,1,1-Trichloroethane	ND	9.59	0.50	10	-	96	57-156
1,1,2-Trichloroethane	ND	8.92	0.50	10	-	89	51-150
Trichloroethene	ND	9.33	0.50	10	-	93	43-157
Trichlorofluoromethane	ND	9.49	0.50	10	-	95	50-147
1,2,3-Trichloropropane	ND	8.82	0.50	10	-	88	41-152
1,2,4-Trimethylbenzene	ND	10.3	0.50	10	-	103	57-157
1,3,5-Trimethylbenzene	ND	10.0	0.50	10	-	100	56-159
Vinyl Chloride	ND	10.9	0.50	10	-	109	42-137
Xylenes, Total	ND	29.8	0.50	30	-	99	70-130

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	27.96	28.8		25	112	115	70-130
Toluene-d8	26.01	26.1		25	104	105	70-130
4-BFB	2.133	2.26		2.5	85	90	70-130

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acetone	227	245	200	ND	114	122	66-158	7.56	20
tert-Amyl methyl ether (TAME)	10.2	10.2	10	ND	102	102	69-139	0	20
Benzene	10.1	10.2	10	ND	101	102	69-141	0.391	20
Bromobenzene	9.24	9.41	10	ND	92	94	70-127	1.85	20
Bromochloromethane	10.4	10.6	10	ND	104	106	72-142	1.89	20
Bromodichloromethane	9.88	10.0	10	ND	99	100	75-141	1.23	20
Bromoform	10.0	10.6	10	ND	100	106	72-126	5.02	20
Bromomethane	10.1	10.4	10	ND	101	104	50-160	3.41	20
2-Butanone (MEK)	44.4	49.0	40	ND	111	123	69-154	9.91	20
t-Butyl alcohol (TBA)	38.0	44.3	40	ND	95	111	41-152	15.1	20
n-Butyl benzene	10.5	10.1	10	ND	105	101	70-134	3.34	20
sec-Butyl benzene	10.2	10.1	10	ND	102	101	73-131	0.866	20
tert-Butyl benzene	9.69	9.66	10	ND	97	97	71-125	0	20
Carbon Disulfide	9.26	9.33	10	ND	93	93	63-158	0	20
Carbon Tetrachloride	9.62	9.64	10	ND	96	96	72-143	0	20
Chlorobenzene	9.57	9.64	10	ND	96	96	77-120	0	20
Chloroethane	10.0	9.98	10	ND	100	100	54-131	0	20
Chloroform	9.78	9.89	10	ND	98	99	75-139	1.11	20
Chloromethane	8.93	8.84	10	ND	89	88	40-130	1.02	20
2-Chlorotoluene	9.44	9.45	10	ND	94	95	70-122	0.0925	20
4-Chlorotoluene	9.25	9.28	10	ND	93	93	71-123	0	20
Dibromochloromethane	9.07	9.39	10	ND	91	94	78-132	3.55	20
1,2-Dibromo-3-chloropropane	3.59	4.02	4	ND	90	101	59-143	11.3	20
1,2-Dibromoethane (EDB)	9.66	9.92	10	ND	97	99	76-135	2.63	20
Dibromomethane	10.1	10.4	10	ND	101	104	78-135	2.45	20
1,2-Dichlorobenzene	9.81	9.97	10	ND	98	100	68-133	1.58	20
1,3-Dichlorobenzene	9.93	10.1	10	ND	99	101	78-122	1.40	20
1,4-Dichlorobenzene	9.84	9.96	10	ND	98	100	80-117	1.21	20
Dichlorodifluoromethane	7.96	7.69	10	ND	80	77	38-125	3.38	20
1,1-Dichloroethane	10.6	10.6	10	ND	106	106	65-152	0	20
1,2-Dichloroethane (1,2-DCA)	10.5	10.7	10	ND	105	107	73-139	2.14	20
1,1-Dichloroethene	9.55	9.57	10	ND	95	96	59-140	0.205	20
cis-1,2-Dichloroethene	10.1	10.2	10	ND	101	102	50-154	1.39	20
trans-1,2-Dichloroethene	9.82	9.83	10	ND	98	98	69-136	0	20
1,2-Dichloropropane	10.5	10.6	10	ND	105	106	78-132	1.03	20
1,3-Dichloropropane	9.70	9.92	10	ND	97	99	77-131	2.27	20
2,2-Dichloropropane	9.82	9.90	10	ND	98	99	61-160	0.774	20

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,1-Dichloropropene	9.82	9.82	10	ND	98	98	70-137	0	20
cis-1,3-Dichloropropene	8.97	9.04	10	ND	90	90	78-135	0	20
trans-1,3-Dichloropropene	9.36	9.49	10	ND	94	95	78-131	1.42	20
Diisopropyl ether (DIPE)	10.6	10.8	10	ND	106	108	72-140	1.70	20
Ethylbenzene	9.57	9.56	10	ND	96	96	73-128	0	20
Ethyl tert-butyl ether (ETBE)	10.6	11.0	10	ND	106	110	71-140	3.72	20
Freon 113	9.58	9.58	10	ND	96	96	60-136	0	20
Hexachlorobutadiene	8.70	8.87	10	ND	87	89	56-132	1.87	20
Hexachloroethane	8.73	8.85	10	ND	87	88	61-129	1.35	20
2-Hexanone	10.2	11.3	10	ND	102	113	57-149	10.0	20
Isopropylbenzene	9.28	9.25	10	ND	93	92	69-130	0.333	20
4-Isopropyl toluene	10.1	10.0	10	ND	101	100	75-124	0.962	20
Methyl-t-butyl ether (MTBE)	10.1	10.6	10	ND	101	106	73-139	4.63	20
Methylene chloride	9.48	9.67	10	ND	95	97	74-128	1.96	20
4-Methyl-2-pentanone (MIBK)	9.32	10.0	10	ND	93	101	61-145	7.58	20
Naphthalene	9.36	9.80	10	ND	94	98	54-148	4.61	20
n-Propyl benzene	9.84	9.83	10	ND	98	98	71-121	0	20
Styrene	9.90	9.87	10	ND	99	99	56-140	0	20
1,1,1,2-Tetrachloroethane	9.38	9.48	10	ND	94	95	74-127	1.10	20
1,1,2,2-Tetrachloroethane	9.47	9.97	10	ND	95	100	63-142	5.12	20
Tetrachloroethene	9.12	9.12	10	ND	91	91	71-125	0	20
Toluene	9.14	9.15	10	ND	91	91	71-128	0	20
1,2,3-Trichlorobenzene	9.63	9.91	10	ND	96	99	59-135	2.90	20
1,2,4-Trichlorobenzene	9.65	9.75	10	ND	97	98	60-132	1.04	20
1,1,1-Trichloroethane	9.72	9.81	10	ND	97	98	75-138	0.848	20
1,1,2-Trichloroethane	9.83	10.1	10	ND	98	101	78-129	2.43	20
Trichloroethene	9.57	9.64	10	ND	96	96	64-132	0	20
Trichlorofluoromethane	9.57	9.58	10	ND	96	96	53-159	0	20
1,2,3-Trichloropropane	10.0	10.5	10	ND	101	105	68-130	4.06	20
1,2,4-Trimethylbenzene	10.1	10.0	10	ND	101	100	76-124	1.03	20
1,3,5-Trimethylbenzene	9.68	9.74	10	ND	97	97	77-124	0	20
Vinyl Chloride	9.64	9.58	10	ND	96	96	43-142	0	20
Xylenes, Total	29.7	29.9	30	ND	99	100	70-130	0.438	20

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707A92
Date Prepared:	7/31/17	**BatchID:**	142940
Date Analyzed:	7/31/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-142940 1707A29-001BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Surrogate Recovery									
Dibromofluoromethane	29.7	29.9	25		119	120	73-131	0.742	20
Toluene-d8	25.1	25.0	25		100	100	72-117	0	20
4-BFB	2.22	2.22	2.5		89	89	74-116	0	20

McCampbell Analytical, Inc.
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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1707A92 **ClientCode: HLEC**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☒ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☒ Detection Summary ☒ Dry-Weight

Report to:
Cheri Page
Harris & Lee Environmental Consulting,
120 Ross Valley Drive
San Rafael, CA 94901
(707) 322-8625 FAX: (866) 873-4361

Email: cheri@hlenv.com
cc/3rd Party:
PO:
ProjectNo: 761 Sebastopol Rd.

Bill to:
Elaine Everest
Harris & Lee Env. Consulting, LLC
120 Ross Valley Drive
San Rafael, CA 94901
elaine@hlenv.com

Requested TAT: **5 days;**

Date Received: **07/27/2017**
Date Logged: **07/27/2017**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1707A92-001	Travel Blank	Water	7/26/2017 09:20	☐	A	A										
1707A92-002	CPT-13,8-18	Water	7/26/2017 09:15	☐	A											
1707A92-003	CPT-13,25-34	Water	7/26/2017 09:30	☐	A											
1707A92-004	CPT-13,55-60	Water	7/26/2017 09:55	☐	A											
1707A92-005	CPT-16,18-24	Water	7/26/2017 11:30	☐	A											
1707A92-006	CPT-16,33-37	Water	7/26/2017 11:45	☐	A											
1707A92-007	CPT-Decon	Water	7/26/2017 12:40	☐	A											

Test Legend:

1	8260B_W	2	PREDF REPORT	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Kena Ponce

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: HARRIS & LEE ENVIRONMENTAL CONSULTING, **Project:** 761 Sebastopol Rd. **Work Order:** 1707A92
Client Contact: Cheri Page **QC Level:** LEVEL 2
Contact's Email: cheri@hlenv.com **Comments:** **Date Logged:** 7/27/2017

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1707A92-001A	Travel Blank	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/26/2017 9:20	5 days	None	☐	
1707A92-002A	CPT-13,8-18	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/26/2017 9:15	5 days	5%+	☐	
1707A92-003A	CPT-13,25-34	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/26/2017 9:30	5 days	10%+	☐	
1707A92-004A	CPT-13,55-60	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/26/2017 9:55	5 days	5%+	☐	
1707A92-005A	CPT-16,18-24	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/26/2017 11:30	5 days	25%+	☐	
1707A92-006A	CPT-16,33-37	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/26/2017 11:45	5 days	25%+	☐	
1707A92-007A	CPT-Decon	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	7/26/2017 12:40	5 days	Present	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1707 A92

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 4 DAY ☐ 5 DAY ☐ 10 DAY ☐

Geotracker EDF ☒ PDF ☐ EDD ☐ Write On (DW) ☐ Other ☐

Effluent Sample Requiring "J" flag ☐ UST Clean Up Fund Project ☐ Other ☐

Report To: Cheri Page	Bill To: Walter Beach, Harris & Lee
Company: Harris & Lee	120 Ross Valley Drive
1724 Capella Court	San Rafael, CA 94901
	E-Mail: cheri@hlenv.com
Tele: (707) 766-0606	Fax: (866) 873-4361
Project #:	Project Name: 761 Sebastopol Rd
Project Location: 761 Sebastopol Rd	Purchase Order #
Sampler Signature: Cheri Page	

Analysis Request

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO3	Other	BTEX / MTBE & TPH as Gas (8021 / 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505 / 608 / 8081 (CT Pesticides)	EPA 608 / 8082 PCB's; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	BTEX / MTBE & TPH as Gas (8260)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Metals (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	Lead (total)	Soluble Lead (STLC)	Soluble Lead (TCLP)	
Travel Blank		7/24/2017	9:20	2	X																				X											
CPT-13, 9-24			9:15	2	X																				X											
CPT-13, 25-34			9:30	2	X																				X											
CPT-13, 35-40			9:55	2	X																				X											
CPT-16, 18-24			11:30	2	X																				X											
CPT-16, 33-37			11:45	2	X																				X											
CPT-Decon		7/24	12:40	2		X																			X											

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
Cheri Page	7/27/17	15:00	Moises
Moises	7/27/17	19:15	

ICE/t° 7.2
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

COMMENTS:

VOAS O&G METALS OTHER HAZARDOUS
PRESERVATION pH<2

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Sample Receipt Checklist

Client Name:	**Harris & Lee Environmental Consulting, LLC**	Date and Time Received	**7/27/2017 19:15**
Project Name:	**761 Sebastopol Rd.**	Date Logged:	**7/27/2017**
		Received by:	Kena Ponce
WorkOrder №:	**1707A92** Matrix: Water	Logged by:	Kena Ponce
Carrier:	Moises Vasquez (contract courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Sample/Temp Blank temperature	Temp: 7.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

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Analytical Report

WorkOrder: 1707965

Report Created for: Harris & Lee Environmental Consulting, LLC

120 Ross Valley Drive
San Rafael, CA 94901

Project Contact: Cheri Page
Project P.O.:
Project Name: 761 Sebastopol Rd.

Project Received: 07/25/2017

Analytical Report reviewed & approved for release on 08/01/2017 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

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Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: 761 Sebastopol Rd.
WorkOrder: 1707965

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	**1707965-001A**	**Water**	**07/21/2017 10:17**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Acetone	**10**	10	1	07/29/2017 22:47
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/29/2017 22:47
Benzene	ND	0.50	1	07/29/2017 22:47
Bromobenzene	ND	0.50	1	07/29/2017 22:47
Bromochloromethane	ND	0.50	1	07/29/2017 22:47
Bromodichloromethane	ND	0.50	1	07/29/2017 22:47
Bromoform	ND	0.50	1	07/29/2017 22:47
Bromomethane	ND	0.50	1	07/29/2017 22:47
2-Butanone (MEK)	ND	2.0	1	07/29/2017 22:47
t-Butyl alcohol (TBA)	ND	2.0	1	07/29/2017 22:47
n-Butyl benzene	ND	0.50	1	07/29/2017 22:47
sec-Butyl benzene	ND	0.50	1	07/29/2017 22:47
tert-Butyl benzene	ND	0.50	1	07/29/2017 22:47
Carbon Disulfide	ND	0.50	1	07/29/2017 22:47
Carbon Tetrachloride	ND	0.50	1	07/29/2017 22:47
Chlorobenzene	ND	0.50	1	07/29/2017 22:47
Chloroethane	ND	0.50	1	07/29/2017 22:47
Chloroform	ND	0.50	1	07/29/2017 22:47
Chloromethane	ND	0.50	1	07/29/2017 22:47
2-Chlorotoluene	ND	0.50	1	07/29/2017 22:47
4-Chlorotoluene	ND	0.50	1	07/29/2017 22:47
Dibromochloromethane	ND	0.50	1	07/29/2017 22:47
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/29/2017 22:47
1,2-Dibromoethane (EDB)	ND	0.50	1	07/29/2017 22:47
Dibromomethane	ND	0.50	1	07/29/2017 22:47
1,2-Dichlorobenzene	ND	0.50	1	07/29/2017 22:47
1,3-Dichlorobenzene	ND	0.50	1	07/29/2017 22:47
1,4-Dichlorobenzene	ND	0.50	1	07/29/2017 22:47
Dichlorodifluoromethane	ND	0.50	1	07/29/2017 22:47
1,1-Dichloroethane	ND	0.50	1	07/29/2017 22:47
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/29/2017 22:47
1,1-Dichloroethene	ND	0.50	1	07/29/2017 22:47
cis-1,2-Dichloroethene	ND	0.50	1	07/29/2017 22:47
trans-1,2-Dichloroethene	ND	0.50	1	07/29/2017 22:47
1,2-Dichloropropane	ND	0.50	1	07/29/2017 22:47
1,3-Dichloropropane	ND	0.50	1	07/29/2017 22:47
2,2-Dichloropropane	ND	0.50	1	07/29/2017 22:47

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	1707965-001A	Water	07/21/2017 10:17	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/29/2017 22:47
cis-1,3-Dichloropropene	ND	0.50	1	07/29/2017 22:47
trans-1,3-Dichloropropene	ND	0.50	1	07/29/2017 22:47
Diisopropyl ether (DIPE)	ND	0.50	1	07/29/2017 22:47
Ethylbenzene	ND	0.50	1	07/29/2017 22:47
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/29/2017 22:47
Freon 113	ND	0.50	1	07/29/2017 22:47
Hexachlorobutadiene	ND	0.50	1	07/29/2017 22:47
Hexachloroethane	ND	0.50	1	07/29/2017 22:47
2-Hexanone	ND	0.50	1	07/29/2017 22:47
Isopropylbenzene	ND	0.50	1	07/29/2017 22:47
4-Isopropyl toluene	ND	0.50	1	07/29/2017 22:47
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/29/2017 22:47
Methylene chloride	ND	0.50	1	07/29/2017 22:47
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/29/2017 22:47
Naphthalene	ND	0.50	1	07/29/2017 22:47
n-Propyl benzene	ND	0.50	1	07/29/2017 22:47
Styrene	ND	0.50	1	07/29/2017 22:47
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/29/2017 22:47
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/29/2017 22:47
Tetrachloroethene	ND	0.50	1	07/29/2017 22:47
Toluene	ND	0.50	1	07/29/2017 22:47
1,2,3-Trichlorobenzene	ND	0.50	1	07/29/2017 22:47
1,2,4-Trichlorobenzene	ND	0.50	1	07/29/2017 22:47
1,1,1-Trichloroethane	ND	0.50	1	07/29/2017 22:47
1,1,2-Trichloroethane	ND	0.50	1	07/29/2017 22:47
Trichloroethene	ND	0.50	1	07/29/2017 22:47
Trichlorofluoromethane	ND	0.50	1	07/29/2017 22:47
1,2,3-Trichloropropane	ND	0.50	1	07/29/2017 22:47
1,2,4-Trimethylbenzene	ND	0.50	1	07/29/2017 22:47
1,3,5-Trimethylbenzene	ND	0.50	1	07/29/2017 22:47
Vinyl Chloride	ND	0.50	1	07/29/2017 22:47
Xylenes, Total	ND	0.50	1	07/29/2017 22:47

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	**1707965-001A**	**Water**	**07/21/2017 10:17**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	108	70-130		07/29/2017 22:47
Toluene-d8	112	70-130		07/29/2017 22:47
4-BFB	119	70-130		07/29/2017 22:47

Analyst(s): KF

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	1707965-002A	Water	07/21/2017 11:20	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	100	10	08/01/2017 12:07
tert-Amyl methyl ether (TAME)	ND	5.0	10	08/01/2017 12:07
Benzene	ND	5.0	10	08/01/2017 12:07
Bromobenzene	ND	5.0	10	08/01/2017 12:07
Bromochloromethane	ND	5.0	10	08/01/2017 12:07
Bromodichloromethane	ND	5.0	10	08/01/2017 12:07
Bromoform	ND	5.0	10	08/01/2017 12:07
Bromomethane	ND	5.0	10	08/01/2017 12:07
2-Butanone (MEK)	ND	20	10	08/01/2017 12:07
t-Butyl alcohol (TBA)	ND	20	10	08/01/2017 12:07
n-Butyl benzene	ND	5.0	10	08/01/2017 12:07
sec-Butyl benzene	ND	5.0	10	08/01/2017 12:07
tert-Butyl benzene	ND	5.0	10	08/01/2017 12:07
Carbon Disulfide	ND	5.0	10	08/01/2017 12:07
Carbon Tetrachloride	ND	5.0	10	08/01/2017 12:07
Chlorobenzene	ND	5.0	10	08/01/2017 12:07
Chloroethane	ND	5.0	10	08/01/2017 12:07
Chloroform	ND	5.0	10	08/01/2017 12:07
Chloromethane	ND	5.0	10	08/01/2017 12:07
2-Chlorotoluene	ND	5.0	10	08/01/2017 12:07
4-Chlorotoluene	ND	5.0	10	08/01/2017 12:07
Dibromochloromethane	ND	5.0	10	08/01/2017 12:07
1,2-Dibromo-3-chloropropane	ND	2.0	10	08/01/2017 12:07
1,2-Dibromoethane (EDB)	ND	5.0	10	08/01/2017 12:07
Dibromomethane	ND	5.0	10	08/01/2017 12:07
1,2-Dichlorobenzene	ND	5.0	10	08/01/2017 12:07
1,3-Dichlorobenzene	ND	5.0	10	08/01/2017 12:07
1,4-Dichlorobenzene	ND	5.0	10	08/01/2017 12:07
Dichlorodifluoromethane	ND	5.0	10	08/01/2017 12:07
1,1-Dichloroethane	ND	5.0	10	08/01/2017 12:07
1,2-Dichloroethane (1,2-DCA)	ND	5.0	10	08/01/2017 12:07
1,1-Dichloroethene	ND	5.0	10	08/01/2017 12:07
cis-1,2-Dichloroethene	ND	5.0	10	08/01/2017 12:07
trans-1,2-Dichloroethene	ND	5.0	10	08/01/2017 12:07
1,2-Dichloropropane	ND	5.0	10	08/01/2017 12:07
1,3-Dichloropropane	ND	5.0	10	08/01/2017 12:07
2,2-Dichloropropane	ND	5.0	10	08/01/2017 12:07

(Cont.)

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	**1707965-002A**	**Water**	**07/21/2017 11:20**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	5.0	10	08/01/2017 12:07
cis-1,3-Dichloropropene	ND	5.0	10	08/01/2017 12:07
trans-1,3-Dichloropropene	ND	5.0	10	08/01/2017 12:07
Diisopropyl ether (DIPE)	ND	5.0	10	08/01/2017 12:07
Ethylbenzene	ND	5.0	10	08/01/2017 12:07
Ethyl tert-butyl ether (ETBE)	ND	5.0	10	08/01/2017 12:07
Freon 113	ND	5.0	10	08/01/2017 12:07
Hexachlorobutadiene	ND	5.0	10	08/01/2017 12:07
Hexachloroethane	ND	5.0	10	08/01/2017 12:07
2-Hexanone	ND	5.0	10	08/01/2017 12:07
Isopropylbenzene	ND	5.0	10	08/01/2017 12:07
4-Isopropyl toluene	ND	5.0	10	08/01/2017 12:07
Methyl-t-butyl ether (MTBE)	ND	5.0	10	08/01/2017 12:07
Methylene chloride	ND	5.0	10	08/01/2017 12:07
4-Methyl-2-pentanone (MIBK)	ND	5.0	10	08/01/2017 12:07
Naphthalene	ND	5.0	10	08/01/2017 12:07
n-Propyl benzene	ND	5.0	10	08/01/2017 12:07
Styrene	ND	5.0	10	08/01/2017 12:07
1,1,1,2-Tetrachloroethane	ND	5.0	10	08/01/2017 12:07
1,1,2,2-Tetrachloroethane	ND	5.0	10	08/01/2017 12:07
Tetrachloroethene	**190**	5.0	10	08/01/2017 12:07
Toluene	ND	5.0	10	08/01/2017 12:07
1,2,3-Trichlorobenzene	ND	5.0	10	08/01/2017 12:07
1,2,4-Trichlorobenzene	ND	5.0	10	08/01/2017 12:07
1,1,1-Trichloroethane	ND	5.0	10	08/01/2017 12:07
1,1,2-Trichloroethane	ND	5.0	10	08/01/2017 12:07
Trichloroethene	ND	5.0	10	08/01/2017 12:07
Trichlorofluoromethane	ND	5.0	10	08/01/2017 12:07
1,2,3-Trichloropropane	ND	5.0	10	08/01/2017 12:07
1,2,4-Trimethylbenzene	ND	5.0	10	08/01/2017 12:07
1,3,5-Trimethylbenzene	ND	5.0	10	08/01/2017 12:07
Vinyl Chloride	ND	5.0	10	08/01/2017 12:07
Xylenes, Total	ND	5.0	10	08/01/2017 12:07

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	**1707965-002A**	**Water**	**07/21/2017 11:20**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	107	70-130		08/01/2017 12:07
Toluene-d8	107	70-130		08/01/2017 12:07
4-BFB	114	70-130		08/01/2017 12:07

Analyst(s): KF

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-3	1707965-003A	Water	07/21/2017 12:05	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/30/2017 00:08
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/30/2017 00:08
Benzene	ND	0.50	1	07/30/2017 00:08
Bromobenzene	ND	0.50	1	07/30/2017 00:08
Bromochloromethane	ND	0.50	1	07/30/2017 00:08
Bromodichloromethane	ND	0.50	1	07/30/2017 00:08
Bromoform	ND	0.50	1	07/30/2017 00:08
Bromomethane	ND	0.50	1	07/30/2017 00:08
2-Butanone (MEK)	ND	2.0	1	07/30/2017 00:08
t-Butyl alcohol (TBA)	ND	2.0	1	07/30/2017 00:08
n-Butyl benzene	ND	0.50	1	07/30/2017 00:08
sec-Butyl benzene	ND	0.50	1	07/30/2017 00:08
tert-Butyl benzene	ND	0.50	1	07/30/2017 00:08
Carbon Disulfide	ND	0.50	1	07/30/2017 00:08
Carbon Tetrachloride	ND	0.50	1	07/30/2017 00:08
Chlorobenzene	ND	0.50	1	07/30/2017 00:08
Chloroethane	ND	0.50	1	07/30/2017 00:08
Chloroform	ND	0.50	1	07/30/2017 00:08
Chloromethane	ND	0.50	1	07/30/2017 00:08
2-Chlorotoluene	ND	0.50	1	07/30/2017 00:08
4-Chlorotoluene	ND	0.50	1	07/30/2017 00:08
Dibromochloromethane	ND	0.50	1	07/30/2017 00:08
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/30/2017 00:08
1,2-Dibromoethane (EDB)	ND	0.50	1	07/30/2017 00:08
Dibromomethane	ND	0.50	1	07/30/2017 00:08
1,2-Dichlorobenzene	ND	0.50	1	07/30/2017 00:08
1,3-Dichlorobenzene	ND	0.50	1	07/30/2017 00:08
1,4-Dichlorobenzene	ND	0.50	1	07/30/2017 00:08
Dichlorodifluoromethane	ND	0.50	1	07/30/2017 00:08
1,1-Dichloroethane	ND	0.50	1	07/30/2017 00:08
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/30/2017 00:08
1,1-Dichloroethene	ND	0.50	1	07/30/2017 00:08
cis-1,2-Dichloroethene	ND	0.50	1	07/30/2017 00:08
trans-1,2-Dichloroethene	ND	0.50	1	07/30/2017 00:08
1,2-Dichloropropane	ND	0.50	1	07/30/2017 00:08
1,3-Dichloropropane	ND	0.50	1	07/30/2017 00:08
2,2-Dichloropropane	ND	0.50	1	07/30/2017 00:08

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-3	**1707965-003A**	**Water**	**07/21/2017 12:05**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/30/2017 00:08
cis-1,3-Dichloropropene	ND	0.50	1	07/30/2017 00:08
trans-1,3-Dichloropropene	ND	0.50	1	07/30/2017 00:08
Diisopropyl ether (DIPE)	ND	0.50	1	07/30/2017 00:08
Ethylbenzene	ND	0.50	1	07/30/2017 00:08
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/30/2017 00:08
Freon 113	ND	0.50	1	07/30/2017 00:08
Hexachlorobutadiene	ND	0.50	1	07/30/2017 00:08
Hexachloroethane	ND	0.50	1	07/30/2017 00:08
2-Hexanone	ND	0.50	1	07/30/2017 00:08
Isopropylbenzene	ND	0.50	1	07/30/2017 00:08
4-Isopropyl toluene	ND	0.50	1	07/30/2017 00:08
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/30/2017 00:08
Methylene chloride	ND	0.50	1	07/30/2017 00:08
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/30/2017 00:08
Naphthalene	ND	0.50	1	07/30/2017 00:08
n-Propyl benzene	ND	0.50	1	07/30/2017 00:08
Styrene	ND	0.50	1	07/30/2017 00:08
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/30/2017 00:08
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/30/2017 00:08
Tetrachloroethene	**5.0**	0.50	1	07/30/2017 00:08
Toluene	ND	0.50	1	07/30/2017 00:08
1,2,3-Trichlorobenzene	ND	0.50	1	07/30/2017 00:08
1,2,4-Trichlorobenzene	ND	0.50	1	07/30/2017 00:08
1,1,1-Trichloroethane	ND	0.50	1	07/30/2017 00:08
1,1,2-Trichloroethane	ND	0.50	1	07/30/2017 00:08
Trichloroethene	ND	0.50	1	07/30/2017 00:08
Trichlorofluoromethane	ND	0.50	1	07/30/2017 00:08
1,2,3-Trichloropropane	ND	0.50	1	07/30/2017 00:08
1,2,4-Trimethylbenzene	ND	0.50	1	07/30/2017 00:08
1,3,5-Trimethylbenzene	ND	0.50	1	07/30/2017 00:08
Vinyl Chloride	ND	0.50	1	07/30/2017 00:08
Xylenes, Total	ND	0.50	1	07/30/2017 00:08

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-3	**1707965-003A**	**Water**	**07/21/2017 12:05**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	109	70-130		07/30/2017 00:08
Toluene-d8	113	70-130		07/30/2017 00:08
4-BFB	120	70-130		07/30/2017 00:08

Analyst(s): KF

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	1707965-004A	Water	07/24/2017 13:05	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/30/2017 00:48
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/30/2017 00:48
Benzene	ND	0.50	1	07/30/2017 00:48
Bromobenzene	ND	0.50	1	07/30/2017 00:48
Bromochloromethane	ND	0.50	1	07/30/2017 00:48
Bromodichloromethane	ND	0.50	1	07/30/2017 00:48
Bromoform	ND	0.50	1	07/30/2017 00:48
Bromomethane	ND	0.50	1	07/30/2017 00:48
2-Butanone (MEK)	ND	2.0	1	07/30/2017 00:48
t-Butyl alcohol (TBA)	ND	2.0	1	07/30/2017 00:48
n-Butyl benzene	ND	0.50	1	07/30/2017 00:48
sec-Butyl benzene	ND	0.50	1	07/30/2017 00:48
tert-Butyl benzene	ND	0.50	1	07/30/2017 00:48
Carbon Disulfide	ND	0.50	1	07/30/2017 00:48
Carbon Tetrachloride	ND	0.50	1	07/30/2017 00:48
Chlorobenzene	ND	0.50	1	07/30/2017 00:48
Chloroethane	ND	0.50	1	07/30/2017 00:48
Chloroform	ND	0.50	1	07/30/2017 00:48
Chloromethane	ND	0.50	1	07/30/2017 00:48
2-Chlorotoluene	ND	0.50	1	07/30/2017 00:48
4-Chlorotoluene	ND	0.50	1	07/30/2017 00:48
Dibromochloromethane	ND	0.50	1	07/30/2017 00:48
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/30/2017 00:48
1,2-Dibromoethane (EDB)	ND	0.50	1	07/30/2017 00:48
Dibromomethane	ND	0.50	1	07/30/2017 00:48
1,2-Dichlorobenzene	ND	0.50	1	07/30/2017 00:48
1,3-Dichlorobenzene	ND	0.50	1	07/30/2017 00:48
1,4-Dichlorobenzene	ND	0.50	1	07/30/2017 00:48
Dichlorodifluoromethane	ND	0.50	1	07/30/2017 00:48
1,1-Dichloroethane	ND	0.50	1	07/30/2017 00:48
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/30/2017 00:48
1,1-Dichloroethene	ND	0.50	1	07/30/2017 00:48
cis-1,2-Dichloroethene	ND	0.50	1	07/30/2017 00:48
trans-1,2-Dichloroethene	ND	0.50	1	07/30/2017 00:48
1,2-Dichloropropane	ND	0.50	1	07/30/2017 00:48
1,3-Dichloropropane	ND	0.50	1	07/30/2017 00:48
2,2-Dichloropropane	ND	0.50	1	07/30/2017 00:48

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	**1707965-004A**	**Water**	**07/24/2017 13:05**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/30/2017 00:48
cis-1,3-Dichloropropene	ND	0.50	1	07/30/2017 00:48
trans-1,3-Dichloropropene	ND	0.50	1	07/30/2017 00:48
Diisopropyl ether (DIPE)	ND	0.50	1	07/30/2017 00:48
Ethylbenzene	ND	0.50	1	07/30/2017 00:48
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/30/2017 00:48
Freon 113	ND	0.50	1	07/30/2017 00:48
Hexachlorobutadiene	ND	0.50	1	07/30/2017 00:48
Hexachloroethane	ND	0.50	1	07/30/2017 00:48
2-Hexanone	ND	0.50	1	07/30/2017 00:48
Isopropylbenzene	ND	0.50	1	07/30/2017 00:48
4-Isopropyl toluene	ND	0.50	1	07/30/2017 00:48
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/30/2017 00:48
Methylene chloride	ND	0.50	1	07/30/2017 00:48
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/30/2017 00:48
Naphthalene	ND	0.50	1	07/30/2017 00:48
n-Propyl benzene	ND	0.50	1	07/30/2017 00:48
Styrene	ND	0.50	1	07/30/2017 00:48
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/30/2017 00:48
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/30/2017 00:48
Tetrachloroethene	ND	0.50	1	07/30/2017 00:48
Toluene	ND	0.50	1	07/30/2017 00:48
1,2,3-Trichlorobenzene	ND	0.50	1	07/30/2017 00:48
1,2,4-Trichlorobenzene	ND	0.50	1	07/30/2017 00:48
1,1,1-Trichloroethane	ND	0.50	1	07/30/2017 00:48
1,1,2-Trichloroethane	ND	0.50	1	07/30/2017 00:48
Trichloroethene	ND	0.50	1	07/30/2017 00:48
Trichlorofluoromethane	ND	0.50	1	07/30/2017 00:48
1,2,3-Trichloropropane	ND	0.50	1	07/30/2017 00:48
1,2,4-Trimethylbenzene	ND	0.50	1	07/30/2017 00:48
1,3,5-Trimethylbenzene	ND	0.50	1	07/30/2017 00:48
Vinyl Chloride	ND	0.50	1	07/30/2017 00:48
Xylenes, Total	ND	0.50	1	07/30/2017 00:48

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	**1707965-004A**	**Water**	**07/24/2017 13:05**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	109	70-130		07/30/2017 00:48
Toluene-d8	112	70-130		07/30/2017 00:48
4-BFB	123	70-130		07/30/2017 00:48

Analyst(s): KF

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	1707965-005A	Water	07/21/2017 13:05	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/30/2017 01:28
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/30/2017 01:28
Benzene	ND	0.50	1	07/30/2017 01:28
Bromobenzene	ND	0.50	1	07/30/2017 01:28
Bromochloromethane	ND	0.50	1	07/30/2017 01:28
Bromodichloromethane	ND	0.50	1	07/30/2017 01:28
Bromoform	ND	0.50	1	07/30/2017 01:28
Bromomethane	ND	0.50	1	07/30/2017 01:28
2-Butanone (MEK)	ND	2.0	1	07/30/2017 01:28
t-Butyl alcohol (TBA)	ND	2.0	1	07/30/2017 01:28
n-Butyl benzene	ND	0.50	1	07/30/2017 01:28
sec-Butyl benzene	ND	0.50	1	07/30/2017 01:28
tert-Butyl benzene	ND	0.50	1	07/30/2017 01:28
Carbon Disulfide	ND	0.50	1	07/30/2017 01:28
Carbon Tetrachloride	ND	0.50	1	07/30/2017 01:28
Chlorobenzene	ND	0.50	1	07/30/2017 01:28
Chloroethane	ND	0.50	1	07/30/2017 01:28
Chloroform	ND	0.50	1	07/30/2017 01:28
Chloromethane	ND	0.50	1	07/30/2017 01:28
2-Chlorotoluene	ND	0.50	1	07/30/2017 01:28
4-Chlorotoluene	ND	0.50	1	07/30/2017 01:28
Dibromochloromethane	ND	0.50	1	07/30/2017 01:28
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/30/2017 01:28
1,2-Dibromoethane (EDB)	ND	0.50	1	07/30/2017 01:28
Dibromomethane	ND	0.50	1	07/30/2017 01:28
1,2-Dichlorobenzene	ND	0.50	1	07/30/2017 01:28
1,3-Dichlorobenzene	ND	0.50	1	07/30/2017 01:28
1,4-Dichlorobenzene	ND	0.50	1	07/30/2017 01:28
Dichlorodifluoromethane	ND	0.50	1	07/30/2017 01:28
1,1-Dichloroethane	ND	0.50	1	07/30/2017 01:28
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/30/2017 01:28
1,1-Dichloroethene	ND	0.50	1	07/30/2017 01:28
cis-1,2-Dichloroethene	ND	0.50	1	07/30/2017 01:28
trans-1,2-Dichloroethene	ND	0.50	1	07/30/2017 01:28
1,2-Dichloropropane	ND	0.50	1	07/30/2017 01:28
1,3-Dichloropropane	ND	0.50	1	07/30/2017 01:28
2,2-Dichloropropane	ND	0.50	1	07/30/2017 01:28

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	**1707965-005A**	**Water**	**07/21/2017 13:05**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/30/2017 01:28
cis-1,3-Dichloropropene	ND	0.50	1	07/30/2017 01:28
trans-1,3-Dichloropropene	ND	0.50	1	07/30/2017 01:28
Diisopropyl ether (DIPE)	ND	0.50	1	07/30/2017 01:28
Ethylbenzene	ND	0.50	1	07/30/2017 01:28
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/30/2017 01:28
Freon 113	ND	0.50	1	07/30/2017 01:28
Hexachlorobutadiene	ND	0.50	1	07/30/2017 01:28
Hexachloroethane	ND	0.50	1	07/30/2017 01:28
2-Hexanone	ND	0.50	1	07/30/2017 01:28
Isopropylbenzene	ND	0.50	1	07/30/2017 01:28
4-Isopropyl toluene	ND	0.50	1	07/30/2017 01:28
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/30/2017 01:28
Methylene chloride	ND	0.50	1	07/30/2017 01:28
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/30/2017 01:28
Naphthalene	ND	0.50	1	07/30/2017 01:28
n-Propyl benzene	ND	0.50	1	07/30/2017 01:28
Styrene	ND	0.50	1	07/30/2017 01:28
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/30/2017 01:28
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/30/2017 01:28
Tetrachloroethene	ND	0.50	1	07/30/2017 01:28
Toluene	ND	0.50	1	07/30/2017 01:28
1,2,3-Trichlorobenzene	ND	0.50	1	07/30/2017 01:28
1,2,4-Trichlorobenzene	ND	0.50	1	07/30/2017 01:28
1,1,1-Trichloroethane	ND	0.50	1	07/30/2017 01:28
1,1,2-Trichloroethane	ND	0.50	1	07/30/2017 01:28
Trichloroethene	ND	0.50	1	07/30/2017 01:28
Trichlorofluoromethane	ND	0.50	1	07/30/2017 01:28
1,2,3-Trichloropropane	ND	0.50	1	07/30/2017 01:28
1,2,4-Trimethylbenzene	ND	0.50	1	07/30/2017 01:28
1,3,5-Trimethylbenzene	ND	0.50	1	07/30/2017 01:28
Vinyl Chloride	ND	0.50	1	07/30/2017 01:28
Xylenes, Total	ND	0.50	1	07/30/2017 01:28

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	**1707965-005A**	**Water**	**07/21/2017 13:05**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	108	70-130		07/30/2017 01:28
Toluene-d8	111	70-130		07/30/2017 01:28
4-BFB	119	70-130		07/30/2017 01:28

Analyst(s): KF

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	1707965-006A	Water	07/24/2017 12:19	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/30/2017 02:08
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/30/2017 02:08
Benzene	ND	0.50	1	07/30/2017 02:08
Bromobenzene	ND	0.50	1	07/30/2017 02:08
Bromochloromethane	ND	0.50	1	07/30/2017 02:08
Bromodichloromethane	ND	0.50	1	07/30/2017 02:08
Bromoform	ND	0.50	1	07/30/2017 02:08
Bromomethane	ND	0.50	1	07/30/2017 02:08
2-Butanone (MEK)	ND	2.0	1	07/30/2017 02:08
t-Butyl alcohol (TBA)	ND	2.0	1	07/30/2017 02:08
n-Butyl benzene	ND	0.50	1	07/30/2017 02:08
sec-Butyl benzene	ND	0.50	1	07/30/2017 02:08
tert-Butyl benzene	ND	0.50	1	07/30/2017 02:08
Carbon Disulfide	ND	0.50	1	07/30/2017 02:08
Carbon Tetrachloride	ND	0.50	1	07/30/2017 02:08
Chlorobenzene	ND	0.50	1	07/30/2017 02:08
Chloroethane	ND	0.50	1	07/30/2017 02:08
Chloroform	ND	0.50	1	07/30/2017 02:08
Chloromethane	ND	0.50	1	07/30/2017 02:08
2-Chlorotoluene	ND	0.50	1	07/30/2017 02:08
4-Chlorotoluene	ND	0.50	1	07/30/2017 02:08
Dibromochloromethane	ND	0.50	1	07/30/2017 02:08
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/30/2017 02:08
1,2-Dibromoethane (EDB)	ND	0.50	1	07/30/2017 02:08
Dibromomethane	ND	0.50	1	07/30/2017 02:08
1,2-Dichlorobenzene	ND	0.50	1	07/30/2017 02:08
1,3-Dichlorobenzene	ND	0.50	1	07/30/2017 02:08
1,4-Dichlorobenzene	ND	0.50	1	07/30/2017 02:08
Dichlorodifluoromethane	ND	0.50	1	07/30/2017 02:08
1,1-Dichloroethane	ND	0.50	1	07/30/2017 02:08
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/30/2017 02:08
1,1-Dichloroethene	ND	0.50	1	07/30/2017 02:08
cis-1,2-Dichloroethene	ND	0.50	1	07/30/2017 02:08
trans-1,2-Dichloroethene	ND	0.50	1	07/30/2017 02:08
1,2-Dichloropropane	ND	0.50	1	07/30/2017 02:08
1,3-Dichloropropane	ND	0.50	1	07/30/2017 02:08
2,2-Dichloropropane	ND	0.50	1	07/30/2017 02:08

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	**1707965-006A**	**Water**	**07/24/2017 12:19**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/30/2017 02:08
cis-1,3-Dichloropropene	ND	0.50	1	07/30/2017 02:08
trans-1,3-Dichloropropene	ND	0.50	1	07/30/2017 02:08
Diisopropyl ether (DIPE)	ND	0.50	1	07/30/2017 02:08
Ethylbenzene	ND	0.50	1	07/30/2017 02:08
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/30/2017 02:08
Freon 113	ND	0.50	1	07/30/2017 02:08
Hexachlorobutadiene	ND	0.50	1	07/30/2017 02:08
Hexachloroethane	ND	0.50	1	07/30/2017 02:08
2-Hexanone	ND	0.50	1	07/30/2017 02:08
Isopropylbenzene	ND	0.50	1	07/30/2017 02:08
4-Isopropyl toluene	ND	0.50	1	07/30/2017 02:08
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/30/2017 02:08
Methylene chloride	ND	0.50	1	07/30/2017 02:08
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/30/2017 02:08
Naphthalene	ND	0.50	1	07/30/2017 02:08
n-Propyl benzene	ND	0.50	1	07/30/2017 02:08
Styrene	ND	0.50	1	07/30/2017 02:08
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/30/2017 02:08
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/30/2017 02:08
Tetrachloroethene	**12**	0.50	1	07/30/2017 02:08
Toluene	ND	0.50	1	07/30/2017 02:08
1,2,3-Trichlorobenzene	ND	0.50	1	07/30/2017 02:08
1,2,4-Trichlorobenzene	ND	0.50	1	07/30/2017 02:08
1,1,1-Trichloroethane	ND	0.50	1	07/30/2017 02:08
1,1,2-Trichloroethane	ND	0.50	1	07/30/2017 02:08
Trichloroethene	ND	0.50	1	07/30/2017 02:08
Trichlorofluoromethane	ND	0.50	1	07/30/2017 02:08
1,2,3-Trichloropropane	ND	0.50	1	07/30/2017 02:08
1,2,4-Trimethylbenzene	ND	0.50	1	07/30/2017 02:08
1,3,5-Trimethylbenzene	ND	0.50	1	07/30/2017 02:08
Vinyl Chloride	ND	0.50	1	07/30/2017 02:08
Xylenes, Total	ND	0.50	1	07/30/2017 02:08

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	**1707965-006A**	**Water**	**07/24/2017 12:19**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	109	70-130		07/30/2017 02:08
Toluene-d8	111	70-130		07/30/2017 02:08
4-BFB	118	70-130		07/30/2017 02:08

Analyst(s): KF

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1D	**1707965-007A**	**Water**	**07/24/2017 07:01**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	08/01/2017 02:32
tert-Amyl methyl ether (TAME)	ND	0.50	1	08/01/2017 02:32
Benzene	ND	0.50	1	08/01/2017 02:32
Bromobenzene	ND	0.50	1	08/01/2017 02:32
Bromochloromethane	ND	0.50	1	08/01/2017 02:32
Bromodichloromethane	ND	0.50	1	08/01/2017 02:32
Bromoform	ND	0.50	1	08/01/2017 02:32
Bromomethane	ND	0.50	1	08/01/2017 02:32
2-Butanone (MEK)	ND	2.0	1	08/01/2017 02:32
t-Butyl alcohol (TBA)	ND	2.0	1	08/01/2017 02:32
n-Butyl benzene	ND	0.50	1	08/01/2017 02:32
sec-Butyl benzene	ND	0.50	1	08/01/2017 02:32
tert-Butyl benzene	ND	0.50	1	08/01/2017 02:32
Carbon Disulfide	ND	0.50	1	08/01/2017 02:32
Carbon Tetrachloride	ND	0.50	1	08/01/2017 02:32
Chlorobenzene	ND	0.50	1	08/01/2017 02:32
Chloroethane	ND	0.50	1	08/01/2017 02:32
Chloroform	ND	0.50	1	08/01/2017 02:32
Chloromethane	ND	0.50	1	08/01/2017 02:32
2-Chlorotoluene	ND	0.50	1	08/01/2017 02:32
4-Chlorotoluene	ND	0.50	1	08/01/2017 02:32
Dibromochloromethane	ND	0.50	1	08/01/2017 02:32
1,2-Dibromo-3-chloropropane	ND	0.20	1	08/01/2017 02:32
1,2-Dibromoethane (EDB)	ND	0.50	1	08/01/2017 02:32
Dibromomethane	ND	0.50	1	08/01/2017 02:32
1,2-Dichlorobenzene	ND	0.50	1	08/01/2017 02:32
1,3-Dichlorobenzene	ND	0.50	1	08/01/2017 02:32
1,4-Dichlorobenzene	ND	0.50	1	08/01/2017 02:32
Dichlorodifluoromethane	ND	0.50	1	08/01/2017 02:32
1,1-Dichloroethane	ND	0.50	1	08/01/2017 02:32
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	08/01/2017 02:32
1,1-Dichloroethene	ND	0.50	1	08/01/2017 02:32
cis-1,2-Dichloroethene	ND	0.50	1	08/01/2017 02:32
trans-1,2-Dichloroethene	ND	0.50	1	08/01/2017 02:32
1,2-Dichloropropane	ND	0.50	1	08/01/2017 02:32
1,3-Dichloropropane	ND	0.50	1	08/01/2017 02:32
2,2-Dichloropropane	ND	0.50	1	08/01/2017 02:32

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1D	**1707965-007A**	**Water**	**07/24/2017 07:01**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	08/01/2017 02:32
cis-1,3-Dichloropropene	ND	0.50	1	08/01/2017 02:32
trans-1,3-Dichloropropene	ND	0.50	1	08/01/2017 02:32
Diisopropyl ether (DIPE)	ND	0.50	1	08/01/2017 02:32
Ethylbenzene	ND	0.50	1	08/01/2017 02:32
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	08/01/2017 02:32
Freon 113	ND	0.50	1	08/01/2017 02:32
Hexachlorobutadiene	ND	0.50	1	08/01/2017 02:32
Hexachloroethane	ND	0.50	1	08/01/2017 02:32
2-Hexanone	ND	0.50	1	08/01/2017 02:32
Isopropylbenzene	ND	0.50	1	08/01/2017 02:32
4-Isopropyl toluene	ND	0.50	1	08/01/2017 02:32
Methyl-t-butyl ether (MTBE)	**4.5**	0.50	1	08/01/2017 02:32
Methylene chloride	ND	0.50	1	08/01/2017 02:32
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	08/01/2017 02:32
Naphthalene	ND	0.50	1	08/01/2017 02:32
n-Propyl benzene	ND	0.50	1	08/01/2017 02:32
Styrene	ND	0.50	1	08/01/2017 02:32
1,1,1,2-Tetrachloroethane	ND	0.50	1	08/01/2017 02:32
1,1,2,2-Tetrachloroethane	ND	0.50	1	08/01/2017 02:32
Tetrachloroethene	**0.69**	0.50	1	08/01/2017 02:32
Toluene	ND	0.50	1	08/01/2017 02:32
1,2,3-Trichlorobenzene	ND	0.50	1	08/01/2017 02:32
1,2,4-Trichlorobenzene	ND	0.50	1	08/01/2017 02:32
1,1,1-Trichloroethane	ND	0.50	1	08/01/2017 02:32
1,1,2-Trichloroethane	ND	0.50	1	08/01/2017 02:32
Trichloroethene	ND	0.50	1	08/01/2017 02:32
Trichlorofluoromethane	ND	0.50	1	08/01/2017 02:32
1,2,3-Trichloropropane	ND	0.50	1	08/01/2017 02:32
1,2,4-Trimethylbenzene	ND	0.50	1	08/01/2017 02:32
1,3,5-Trimethylbenzene	ND	0.50	1	08/01/2017 02:32
Vinyl Chloride	ND	0.50	1	08/01/2017 02:32
Xylenes, Total	ND	0.50	1	08/01/2017 02:32

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1D	**1707965-007A**	**Water**	**07/24/2017 07:01**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	110	70-130		08/01/2017 02:32
Toluene-d8	106	70-130		08/01/2017 02:32
4-BFB	123	70-130		08/01/2017 02:32

Analyst(s): KF

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2D	1707965-008A	Water	07/24/2017 07:53	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/30/2017 03:28
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/30/2017 03:28
Benzene	ND	0.50	1	07/30/2017 03:28
Bromobenzene	ND	0.50	1	07/30/2017 03:28
Bromochloromethane	ND	0.50	1	07/30/2017 03:28
Bromodichloromethane	ND	0.50	1	07/30/2017 03:28
Bromoform	ND	0.50	1	07/30/2017 03:28
Bromomethane	ND	0.50	1	07/30/2017 03:28
2-Butanone (MEK)	ND	2.0	1	07/30/2017 03:28
t-Butyl alcohol (TBA)	ND	2.0	1	07/30/2017 03:28
n-Butyl benzene	ND	0.50	1	07/30/2017 03:28
sec-Butyl benzene	ND	0.50	1	07/30/2017 03:28
tert-Butyl benzene	ND	0.50	1	07/30/2017 03:28
Carbon Disulfide	ND	0.50	1	07/30/2017 03:28
Carbon Tetrachloride	ND	0.50	1	07/30/2017 03:28
Chlorobenzene	ND	0.50	1	07/30/2017 03:28
Chloroethane	ND	0.50	1	07/30/2017 03:28
Chloroform	ND	0.50	1	07/30/2017 03:28
Chloromethane	ND	0.50	1	07/30/2017 03:28
2-Chlorotoluene	ND	0.50	1	07/30/2017 03:28
4-Chlorotoluene	ND	0.50	1	07/30/2017 03:28
Dibromochloromethane	ND	0.50	1	07/30/2017 03:28
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/30/2017 03:28
1,2-Dibromoethane (EDB)	ND	0.50	1	07/30/2017 03:28
Dibromomethane	ND	0.50	1	07/30/2017 03:28
1,2-Dichlorobenzene	ND	0.50	1	07/30/2017 03:28
1,3-Dichlorobenzene	ND	0.50	1	07/30/2017 03:28
1,4-Dichlorobenzene	ND	0.50	1	07/30/2017 03:28
Dichlorodifluoromethane	ND	0.50	1	07/30/2017 03:28
1,1-Dichloroethane	ND	0.50	1	07/30/2017 03:28
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/30/2017 03:28
1,1-Dichloroethene	ND	0.50	1	07/30/2017 03:28
cis-1,2-Dichloroethene	ND	0.50	1	07/30/2017 03:28
trans-1,2-Dichloroethene	ND	0.50	1	07/30/2017 03:28
1,2-Dichloropropane	ND	0.50	1	07/30/2017 03:28
1,3-Dichloropropane	ND	0.50	1	07/30/2017 03:28
2,2-Dichloropropane	ND	0.50	1	07/30/2017 03:28

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2D	**1707965-008A**	**Water**	**07/24/2017 07:53**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/30/2017 03:28
cis-1,3-Dichloropropene	ND	0.50	1	07/30/2017 03:28
trans-1,3-Dichloropropene	ND	0.50	1	07/30/2017 03:28
Diisopropyl ether (DIPE)	ND	0.50	1	07/30/2017 03:28
Ethylbenzene	ND	0.50	1	07/30/2017 03:28
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/30/2017 03:28
Freon 113	ND	0.50	1	07/30/2017 03:28
Hexachlorobutadiene	ND	0.50	1	07/30/2017 03:28
Hexachloroethane	ND	0.50	1	07/30/2017 03:28
2-Hexanone	ND	0.50	1	07/30/2017 03:28
Isopropylbenzene	ND	0.50	1	07/30/2017 03:28
4-Isopropyl toluene	ND	0.50	1	07/30/2017 03:28
Methyl-t-butyl ether (MTBE)	**25**	0.50	1	07/30/2017 03:28
Methylene chloride	ND	0.50	1	07/30/2017 03:28
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/30/2017 03:28
Naphthalene	ND	0.50	1	07/30/2017 03:28
n-Propyl benzene	ND	0.50	1	07/30/2017 03:28
Styrene	ND	0.50	1	07/30/2017 03:28
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/30/2017 03:28
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/30/2017 03:28
Tetrachloroethene	ND	0.50	1	07/30/2017 03:28
Toluene	ND	0.50	1	07/30/2017 03:28
1,2,3-Trichlorobenzene	ND	0.50	1	07/30/2017 03:28
1,2,4-Trichlorobenzene	ND	0.50	1	07/30/2017 03:28
1,1,1-Trichloroethane	ND	0.50	1	07/30/2017 03:28
1,1,2-Trichloroethane	ND	0.50	1	07/30/2017 03:28
Trichloroethene	ND	0.50	1	07/30/2017 03:28
Trichlorofluoromethane	ND	0.50	1	07/30/2017 03:28
1,2,3-Trichloropropane	ND	0.50	1	07/30/2017 03:28
1,2,4-Trimethylbenzene	ND	0.50	1	07/30/2017 03:28
1,3,5-Trimethylbenzene	ND	0.50	1	07/30/2017 03:28
Vinyl Chloride	ND	0.50	1	07/30/2017 03:28
Xylenes, Total	ND	0.50	1	07/30/2017 03:28

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2D	**1707965-008A**	**Water**	**07/24/2017 07:53**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	109	70-130		07/30/2017 03:28
Toluene-d8	111	70-130		07/30/2017 03:28
4-BFB	124	70-130		07/30/2017 03:28

Analyst(s): KF

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-3D	1707965-009A	Water	07/24/2017 10:58	GC16	142853

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/30/2017 04:07
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/30/2017 04:07
Benzene	ND	0.50	1	07/30/2017 04:07
Bromobenzene	ND	0.50	1	07/30/2017 04:07
Bromochloromethane	ND	0.50	1	07/30/2017 04:07
Bromodichloromethane	ND	0.50	1	07/30/2017 04:07
Bromoform	ND	0.50	1	07/30/2017 04:07
Bromomethane	ND	0.50	1	07/30/2017 04:07
2-Butanone (MEK)	ND	2.0	1	07/30/2017 04:07
t-Butyl alcohol (TBA)	ND	2.0	1	07/30/2017 04:07
n-Butyl benzene	ND	0.50	1	07/30/2017 04:07
sec-Butyl benzene	ND	0.50	1	07/30/2017 04:07
tert-Butyl benzene	ND	0.50	1	07/30/2017 04:07
Carbon Disulfide	ND	0.50	1	07/30/2017 04:07
Carbon Tetrachloride	ND	0.50	1	07/30/2017 04:07
Chlorobenzene	ND	0.50	1	07/30/2017 04:07
Chloroethane	ND	0.50	1	07/30/2017 04:07
Chloroform	ND	0.50	1	07/30/2017 04:07
Chloromethane	ND	0.50	1	07/30/2017 04:07
2-Chlorotoluene	ND	0.50	1	07/30/2017 04:07
4-Chlorotoluene	ND	0.50	1	07/30/2017 04:07
Dibromochloromethane	ND	0.50	1	07/30/2017 04:07
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/30/2017 04:07
1,2-Dibromoethane (EDB)	ND	0.50	1	07/30/2017 04:07
Dibromomethane	ND	0.50	1	07/30/2017 04:07
1,2-Dichlorobenzene	ND	0.50	1	07/30/2017 04:07
1,3-Dichlorobenzene	ND	0.50	1	07/30/2017 04:07
1,4-Dichlorobenzene	ND	0.50	1	07/30/2017 04:07
Dichlorodifluoromethane	ND	0.50	1	07/30/2017 04:07
1,1-Dichloroethane	ND	0.50	1	07/30/2017 04:07
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/30/2017 04:07
1,1-Dichloroethene	ND	0.50	1	07/30/2017 04:07
cis-1,2-Dichloroethene	ND	0.50	1	07/30/2017 04:07
trans-1,2-Dichloroethene	ND	0.50	1	07/30/2017 04:07
1,2-Dichloropropane	ND	0.50	1	07/30/2017 04:07
1,3-Dichloropropane	ND	0.50	1	07/30/2017 04:07
2,2-Dichloropropane	ND	0.50	1	07/30/2017 04:07

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-3D	**1707965-009A**	**Water**	**07/24/2017 10:58**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/30/2017 04:07
cis-1,3-Dichloropropene	ND	0.50	1	07/30/2017 04:07
trans-1,3-Dichloropropene	ND	0.50	1	07/30/2017 04:07
Diisopropyl ether (DIPE)	ND	0.50	1	07/30/2017 04:07
Ethylbenzene	ND	0.50	1	07/30/2017 04:07
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/30/2017 04:07
Freon 113	ND	0.50	1	07/30/2017 04:07
Hexachlorobutadiene	ND	0.50	1	07/30/2017 04:07
Hexachloroethane	ND	0.50	1	07/30/2017 04:07
2-Hexanone	ND	0.50	1	07/30/2017 04:07
Isopropylbenzene	ND	0.50	1	07/30/2017 04:07
4-Isopropyl toluene	ND	0.50	1	07/30/2017 04:07
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/30/2017 04:07
Methylene chloride	ND	0.50	1	07/30/2017 04:07
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/30/2017 04:07
Naphthalene	ND	0.50	1	07/30/2017 04:07
n-Propyl benzene	ND	0.50	1	07/30/2017 04:07
Styrene	ND	0.50	1	07/30/2017 04:07
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/30/2017 04:07
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/30/2017 04:07
Tetrachloroethene	**14**	0.50	1	07/30/2017 04:07
Toluene	ND	0.50	1	07/30/2017 04:07
1,2,3-Trichlorobenzene	ND	0.50	1	07/30/2017 04:07
1,2,4-Trichlorobenzene	ND	0.50	1	07/30/2017 04:07
1,1,1-Trichloroethane	ND	0.50	1	07/30/2017 04:07
1,1,2-Trichloroethane	ND	0.50	1	07/30/2017 04:07
Trichloroethene	ND	0.50	1	07/30/2017 04:07
Trichlorofluoromethane	ND	0.50	1	07/30/2017 04:07
1,2,3-Trichloropropane	ND	0.50	1	07/30/2017 04:07
1,2,4-Trimethylbenzene	ND	0.50	1	07/30/2017 04:07
1,3,5-Trimethylbenzene	ND	0.50	1	07/30/2017 04:07
Vinyl Chloride	ND	0.50	1	07/30/2017 04:07
Xylenes, Total	ND	0.50	1	07/30/2017 04:07

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-3D	**1707965-009A**	**Water**	**07/24/2017 10:58**	**GC16**	**142853**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	110	70-130		07/30/2017 04:07
Toluene-d8	111	70-130		07/30/2017 04:07
4-BFB	126	70-130		07/30/2017 04:07

Analyst(s): KF

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D	1707965-010A	Water	07/24/2017 11:51	GC38	142855

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	07/30/2017 01:32
tert-Amyl methyl ether (TAME)	ND	0.50	1	07/30/2017 01:32
Benzene	ND	0.50	1	07/30/2017 01:32
Bromobenzene	ND	0.50	1	07/30/2017 01:32
Bromochloromethane	ND	0.50	1	07/30/2017 01:32
Bromodichloromethane	ND	0.50	1	07/30/2017 01:32
Bromoform	ND	0.50	1	07/30/2017 01:32
Bromomethane	ND	0.50	1	07/30/2017 01:32
2-Butanone (MEK)	ND	2.0	1	07/30/2017 01:32
t-Butyl alcohol (TBA)	ND	2.0	1	07/30/2017 01:32
n-Butyl benzene	ND	0.50	1	07/30/2017 01:32
sec-Butyl benzene	ND	0.50	1	07/30/2017 01:32
tert-Butyl benzene	ND	0.50	1	07/30/2017 01:32
Carbon Disulfide	ND	0.50	1	07/30/2017 01:32
Carbon Tetrachloride	ND	0.50	1	07/30/2017 01:32
Chlorobenzene	ND	0.50	1	07/30/2017 01:32
Chloroethane	ND	0.50	1	07/30/2017 01:32
Chloroform	ND	0.50	1	07/30/2017 01:32
Chloromethane	ND	0.50	1	07/30/2017 01:32
2-Chlorotoluene	ND	0.50	1	07/30/2017 01:32
4-Chlorotoluene	ND	0.50	1	07/30/2017 01:32
Dibromochloromethane	ND	0.50	1	07/30/2017 01:32
1,2-Dibromo-3-chloropropane	ND	0.20	1	07/30/2017 01:32
1,2-Dibromoethane (EDB)	ND	0.50	1	07/30/2017 01:32
Dibromomethane	ND	0.50	1	07/30/2017 01:32
1,2-Dichlorobenzene	ND	0.50	1	07/30/2017 01:32
1,3-Dichlorobenzene	ND	0.50	1	07/30/2017 01:32
1,4-Dichlorobenzene	ND	0.50	1	07/30/2017 01:32
Dichlorodifluoromethane	ND	0.50	1	07/30/2017 01:32
1,1-Dichloroethane	ND	0.50	1	07/30/2017 01:32
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	07/30/2017 01:32
1,1-Dichloroethene	ND	0.50	1	07/30/2017 01:32
cis-1,2-Dichloroethene	ND	0.50	1	07/30/2017 01:32
trans-1,2-Dichloroethene	ND	0.50	1	07/30/2017 01:32
1,2-Dichloropropane	ND	0.50	1	07/30/2017 01:32
1,3-Dichloropropane	ND	0.50	1	07/30/2017 01:32
2,2-Dichloropropane	ND	0.50	1	07/30/2017 01:32

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D	**1707965-010A**	**Water**	**07/24/2017 11:51**	**GC38**	**142855**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	07/30/2017 01:32
cis-1,3-Dichloropropene	ND	0.50	1	07/30/2017 01:32
trans-1,3-Dichloropropene	ND	0.50	1	07/30/2017 01:32
Diisopropyl ether (DIPE)	ND	0.50	1	07/30/2017 01:32
Ethylbenzene	ND	0.50	1	07/30/2017 01:32
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	07/30/2017 01:32
Freon 113	ND	0.50	1	07/30/2017 01:32
Hexachlorobutadiene	ND	0.50	1	07/30/2017 01:32
Hexachloroethane	ND	0.50	1	07/30/2017 01:32
2-Hexanone	ND	0.50	1	07/30/2017 01:32
Isopropylbenzene	ND	0.50	1	07/30/2017 01:32
4-Isopropyl toluene	ND	0.50	1	07/30/2017 01:32
Methyl-t-butyl ether (MTBE)	ND	0.50	1	07/30/2017 01:32
Methylene chloride	ND	0.50	1	07/30/2017 01:32
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	07/30/2017 01:32
Naphthalene	ND	0.50	1	07/30/2017 01:32
n-Propyl benzene	ND	0.50	1	07/30/2017 01:32
Styrene	ND	0.50	1	07/30/2017 01:32
1,1,1,2-Tetrachloroethane	ND	0.50	1	07/30/2017 01:32
1,1,2,2-Tetrachloroethane	ND	0.50	1	07/30/2017 01:32
Tetrachloroethene	**1.6**	0.50	1	07/30/2017 01:32
Toluene	ND	0.50	1	07/30/2017 01:32
1,2,3-Trichlorobenzene	ND	0.50	1	07/30/2017 01:32
1,2,4-Trichlorobenzene	ND	0.50	1	07/30/2017 01:32
1,1,1-Trichloroethane	ND	0.50	1	07/30/2017 01:32
1,1,2-Trichloroethane	ND	0.50	1	07/30/2017 01:32
Trichloroethene	ND	0.50	1	07/30/2017 01:32
Trichlorofluoromethane	ND	0.50	1	07/30/2017 01:32
1,2,3-Trichloropropane	ND	0.50	1	07/30/2017 01:32
1,2,4-Trimethylbenzene	ND	0.50	1	07/30/2017 01:32
1,3,5-Trimethylbenzene	ND	0.50	1	07/30/2017 01:32
Vinyl Chloride	ND	0.50	1	07/30/2017 01:32
Xylenes, Total	ND	0.50	1	07/30/2017 01:32

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Received:	7/25/17 18:40	**Extraction Method:**	SW5030B
Date Prepared:	7/29/17-8/1/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D	**1707965-010A**	**Water**	**07/24/2017 11:51**	**GC38**	**142855**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	115	70-130		07/30/2017 01:32
Toluene-d8	103	70-130		07/30/2017 01:32
4-BFB	85	70-130		07/30/2017 01:32

Analyst(s): AK

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Prepared:	7/29/17	**BatchID:**	142853
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS/LCSD-142853

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	10	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.50	-	-	-
Benzene	ND	0.50	-	-	-
Bromobenzene	ND	0.50	-	-	-
Bromochloromethane	ND	0.50	-	-	-
Bromodichloromethane	ND	0.50	-	-	-
Bromoform	ND	0.50	-	-	-
Bromomethane	ND	0.50	-	-	-
2-Butanone (MEK)	ND	2.0	-	-	-
t-Butyl alcohol (TBA)	ND	2.0	-	-	-
n-Butyl benzene	ND	0.50	-	-	-
sec-Butyl benzene	ND	0.50	-	-	-
tert-Butyl benzene	ND	0.50	-	-	-
Carbon Disulfide	ND	0.50	-	-	-
Carbon Tetrachloride	ND	0.50	-	-	-
Chlorobenzene	ND	0.50	-	-	-
Chloroethane	ND	0.50	-	-	-
Chloroform	ND	0.50	-	-	-
Chloromethane	ND	0.50	-	-	-
2-Chlorotoluene	ND	0.50	-	-	-
4-Chlorotoluene	ND	0.50	-	-	-
Dibromochloromethane	ND	0.50	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.20	-	-	-
1,2-Dibromoethane (EDB)	ND	0.50	-	-	-
Dibromomethane	ND	0.50	-	-	-
1,2-Dichlorobenzene	ND	0.50	-	-	-
1,3-Dichlorobenzene	ND	0.50	-	-	-
1,4-Dichlorobenzene	ND	0.50	-	-	-
Dichlorodifluoromethane	ND	0.50	-	-	-
1,1-Dichloroethane	ND	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.50	-	-	-
1,1-Dichloroethene	ND	0.50	-	-	-
cis-1,2-Dichloroethene	ND	0.50	-	-	-
trans-1,2-Dichloroethene	ND	0.50	-	-	-
1,2-Dichloropropane	ND	0.50	-	-	-
1,3-Dichloropropane	ND	0.50	-	-	-
2,2-Dichloropropane	ND	0.50	-	-	-
1,1-Dichloropropene	ND	0.50	-	-	-
cis-1,3-Dichloropropene	ND	0.50	-	-	-

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Prepared:	7/29/17	**BatchID:**	142853
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS/LCSD-142853

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
trans-1,3-Dichloropropene	ND	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.50	-	-	-
Ethylbenzene	ND	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.50	-	-	-
Freon 113	ND	0.50	-	-	-
Hexachlorobutadiene	ND	0.50	-	-	-
Hexachloroethane	ND	0.50	-	-	-
2-Hexanone	ND	0.50	-	-	-
Isopropylbenzene	ND	0.50	-	-	-
4-Isopropyl toluene	ND	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.50	-	-	-
Methylene chloride	ND	0.50	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.50	-	-	-
Naphthalene	ND	0.50	-	-	-
n-Propyl benzene	ND	0.50	-	-	-
Styrene	ND	0.50	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.50	-	-	-
Tetrachloroethene	ND	0.50	-	-	-
Toluene	ND	0.50	-	-	-
1,2,3-Trichlorobenzene	ND	0.50	-	-	-
1,2,4-Trichlorobenzene	ND	0.50	-	-	-
1,1,1-Trichloroethane	ND	0.50	-	-	-
1,1,2-Trichloroethane	ND	0.50	-	-	-
Trichloroethene	ND	0.50	-	-	-
Trichlorofluoromethane	ND	0.50	-	-	-
1,2,3-Trichloropropane	ND	0.50	-	-	-
1,2,4-Trimethylbenzene	ND	0.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.50	-	-	-
Vinyl Chloride	ND	0.50	-	-	-
Xylenes, Total	ND	0.50	-	-	-
Surrogate Recovery					
Dibromofluoromethane	26.68		25	107	70-130
Toluene-d8	27.84		25	111	70-130
4-BFB	2.909		2.5	116	70-130

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Prepared:	7/29/17	**BatchID:**	142853
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS/LCSD-142853

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	172	155	200	86	77	46-155	10.5	20
tert-Amyl methyl ether (TAME)	10.5	9.33	10	105	93	54-140	12.1	20
Benzene	10.4	9.48	10	104	95	47-158	9.34	20
Bromobenzene	11.4	10.3	10	114	103	50-155	10.5	20
Bromochloromethane	11.2	10.1	10	112	101	48-160	10.3	20
Bromodichloromethane	10.8	9.64	10	108	96	60-156	11.0	20
Bromoform	10.0	9.09	10	100	91	43-149	9.71	20
Bromomethane	8.19	7.44	10	82	74	61-159	9.66	20
2-Butanone (MEK)	32.7	29.0	40	82	72	61-124	12.1	20
t-Butyl alcohol (TBA)	36.9	33.4	40	92	83	42-140	9.97	20
n-Butyl benzene	11.8	11.0	10	118	110	74-138	7.34	20
sec-Butyl benzene	12.1	11.1	10	121	111	72-142	8.66	20
tert-Butyl benzene	12.0	11.0	10	120	110	74-140	9.51	20
Carbon Disulfide	10.4	9.41	10	104	94	64-127	9.64	20
Carbon Tetrachloride	12.4	11.3	10	124	113	61-158	9.52	20
Chlorobenzene	11.6	10.4	10	116	104	43-157	10.3	20
Chloroethane	8.10	7.28	10	81	73	50-127	10.7	20
Chloroform	10.3	9.31	10	103	93	56-154	10.5	20
Chloromethane	7.87	7.24	10	79	72	41-132	8.26	20
2-Chlorotoluene	12.4	11.2	10	124	112	50-155	10.0	20
4-Chlorotoluene	12.2	11.0	10	122	111	53-153	9.48	20
Dibromochloromethane	10.8	9.75	10	108	98	49-156	10.3	20
1,2-Dibromo-3-chloropropane	3.27	2.90	4	82	72	46-149	12.1	20
1,2-Dibromoethane (EDB)	10.7	9.68	10	107	97	44-155	9.91	20
Dibromomethane	10.2	9.14	10	102	91	50-157	11.1	20
1,2-Dichlorobenzene	11.5	10.6	10	115	106	48-156	8.31	20
1,3-Dichlorobenzene	12.0	11.2	10	120	112	49-159	6.99	20
1,4-Dichlorobenzene	11.8	10.9	10	118	109	51-151	7.86	20
Dichlorodifluoromethane	6.74	6.44	10	67	64	61-117	4.61	20
1,1-Dichloroethane	10.9	9.90	10	109	99	53-153	9.62	20
1,2-Dichloroethane (1,2-DCA)	10.7	9.63	10	107	96	66-125	10.4	20
1,1-Dichloroethene	10.9	9.81	10	109	98	47-149	10.2	20
cis-1,2-Dichloroethene	10.9	9.79	10	109	98	54-155	10.7	20
trans-1,2-Dichloroethene	11.1	10.0	10	111	100	46-151	9.82	20
1,2-Dichloropropane	10.6	9.61	10	106	96	54-153	10.1	20
1,3-Dichloropropane	10.9	9.83	10	109	98	49-150	10.7	20
2,2-Dichloropropane	12.3	11.6	10	123	116	74-147	5.44	20
1,1-Dichloropropene	11.5	10.5	10	115	105	54-150	9.07	20
cis-1,3-Dichloropropene	12.2	11.2	10	122	112	55-159	9.18	20

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Prepared:	7/29/17	**BatchID:**	142853
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS/LCSD-142853

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	10.8	9.83	10	108	98	74-131	9.31	20
Diisopropyl ether (DIPE)	10.7	9.56	10	107	96	57-136	10.9	20
Ethylbenzene	11.1	10.0	10	111	100	60-152	10.4	20
Ethyl tert-butyl ether (ETBE)	10.7	9.58	10	107	96	55-137	11.4	20
Freon 113	10.6	9.71	10	106	97	47-138	9.14	20
Hexachlorobutadiene	13.8	12.7	10	138	127	66-160	8.18	20
Hexachloroethane	11.2	10.1	10	112	101	75-130	9.71	20
2-Hexanone	9.03	8.00	10	90	80	70-115	12.1	20
Isopropylbenzene	11.8	10.7	10	118	107	59-156	9.98	20
4-Isopropyl toluene	12.4	11.4	10	123	113	75-138	8.44	20
Methyl-t-butyl ether (MTBE)	10.2	9.04	10	102	90	53-139	11.7	20
Methylene chloride	9.48	8.42	10	95	84	66-127	11.8	20
4-Methyl-2-pentanone (MIBK)	8.90	7.98	10	89	80	42-153	10.9	20
Naphthalene	11.6	10.4	10	116	104	66-127	10.7	20
n-Propyl benzene	12.7	11.6	10	127	116	54-155	8.86	20
Styrene	11.9	10.8	10	119	108	51-152	10.2	20
1,1,1,2-Tetrachloroethane	11.4	10.3	10	114	103	58-159	10.2	20
1,1,2,2-Tetrachloroethane	9.54	8.54	10	95	85	51-150	11.1	20
Tetrachloroethene	13.3	12.2	10	133	122	55-145	8.97	20
Toluene	11.4	10.3	10	113	103	52-137	9.78	20
1,2,3-Trichlorobenzene	12.1	11.1	10	121	111	70-136	8.25	20
1,2,4-Trichlorobenzene	12.7	11.7	10	127	117	74-137	8.16	20
1,1,1-Trichloroethane	11.7	10.6	10	117	105	57-156	10.3	20
1,1,2-Trichloroethane	11.0	9.87	10	110	99	51-150	10.9	20
Trichloroethene	12.2	11.1	10	122	111	43-157	9.22	20
Trichlorofluoromethane	10.5	9.63	10	105	96	50-147	8.97	20
1,2,3-Trichloropropane	9.73	8.64	10	97	86	41-152	11.9	20
1,2,4-Trimethylbenzene	12.1	11.2	10	121	112	57-157	8.06	20
1,3,5-Trimethylbenzene	12.2	11.1	10	122	111	56-159	9.32	20
Vinyl Chloride	8.37	7.58	10	84	76	42-137	9.99	20
Xylenes, Total	35.1	31.7	30	117	106	70-130	10.3	20
Surrogate Recovery								
Dibromofluoromethane	26.9	26.7	25	108	107	70-130	0.645	20
Toluene-d8	27.8	27.8	25	111	111	70-130	0	20
4-BFB	2.66	2.67	2.5	106	107	70-130	0.532	20

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Prepared:	7/29/17	**BatchID:**	142855
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS/LCSD-142855

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	10	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.50	-	-	-
Benzene	ND	0.50	-	-	-
Bromobenzene	ND	0.50	-	-	-
Bromochloromethane	ND	0.50	-	-	-
Bromodichloromethane	ND	0.50	-	-	-
Bromoform	ND	0.50	-	-	-
Bromomethane	ND	0.50	-	-	-
2-Butanone (MEK)	ND	2.0	-	-	-
t-Butyl alcohol (TBA)	ND	2.0	-	-	-
n-Butyl benzene	ND	0.50	-	-	-
sec-Butyl benzene	ND	0.50	-	-	-
tert-Butyl benzene	ND	0.50	-	-	-
Carbon Disulfide	ND	0.50	-	-	-
Carbon Tetrachloride	ND	0.50	-	-	-
Chlorobenzene	ND	0.50	-	-	-
Chloroethane	ND	0.50	-	-	-
Chloroform	ND	0.50	-	-	-
Chloromethane	ND	0.50	-	-	-
2-Chlorotoluene	ND	0.50	-	-	-
4-Chlorotoluene	ND	0.50	-	-	-
Dibromochloromethane	ND	0.50	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.20	-	-	-
1,2-Dibromoethane (EDB)	ND	0.50	-	-	-
Dibromomethane	ND	0.50	-	-	-
1,2-Dichlorobenzene	ND	0.50	-	-	-
1,3-Dichlorobenzene	ND	0.50	-	-	-
1,4-Dichlorobenzene	ND	0.50	-	-	-
Dichlorodifluoromethane	ND	0.50	-	-	-
1,1-Dichloroethane	ND	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.50	-	-	-
1,1-Dichloroethene	ND	0.50	-	-	-
cis-1,2-Dichloroethene	ND	0.50	-	-	-
trans-1,2-Dichloroethene	ND	0.50	-	-	-
1,2-Dichloropropane	ND	0.50	-	-	-
1,3-Dichloropropane	ND	0.50	-	-	-
2,2-Dichloropropane	ND	0.50	-	-	-
1,1-Dichloropropene	ND	0.50	-	-	-
cis-1,3-Dichloropropene	ND	0.50	-	-	-

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Prepared:	7/29/17	**BatchID:**	142855
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS/LCSD-142855

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
trans-1,3-Dichloropropene	ND	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.50	-	-	-
Ethylbenzene	ND	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.50	-	-	-
Freon 113	ND	0.50	-	-	-
Hexachlorobutadiene	ND	0.50	-	-	-
Hexachloroethane	ND	0.50	-	-	-
2-Hexanone	ND	0.50	-	-	-
Isopropylbenzene	ND	0.50	-	-	-
4-Isopropyl toluene	ND	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.50	-	-	-
Methylene chloride	ND	0.50	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.50	-	-	-
Naphthalene	ND	0.50	-	-	-
n-Propyl benzene	ND	0.50	-	-	-
Styrene	ND	0.50	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.50	-	-	-
Tetrachloroethene	ND	0.50	-	-	-
Toluene	ND	0.50	-	-	-
1,2,3-Trichlorobenzene	ND	0.50	-	-	-
1,2,4-Trichlorobenzene	ND	0.50	-	-	-
1,1,1-Trichloroethane	ND	0.50	-	-	-
1,1,2-Trichloroethane	ND	0.50	-	-	-
Trichloroethene	ND	0.50	-	-	-
Trichlorofluoromethane	ND	0.50	-	-	-
1,2,3-Trichloropropane	ND	0.50	-	-	-
1,2,4-Trimethylbenzene	ND	0.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.50	-	-	-
Vinyl Chloride	ND	0.50	-	-	-
Xylenes, Total	ND	0.50	-	-	-
Surrogate Recovery					
Dibromofluoromethane	28.38		25	114	70-130
Toluene-d8	26.26		25	105	70-130
4-BFB	2.197		2.5	88	70-130

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Prepared:	7/29/17	**BatchID:**	142855
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS/LCSD-142855

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	198	195	200	99	98	46-155	1.59	20
tert-Amyl methyl ether (TAME)	9.44	8.86	10	94	89	54-140	6.31	20
Benzene	10.0	9.70	10	100	97	47-158	2.98	20
Bromobenzene	9.37	9.20	10	94	92	50-155	1.85	20
Bromochloromethane	9.88	9.61	10	99	96	48-160	2.83	20
Bromodichloromethane	9.53	9.23	10	95	92	60-156	3.13	20
Bromoform	9.53	9.40	10	95	94	43-149	1.36	20
Bromomethane	11.6	11.0	10	116	110	61-159	5.74	20
2-Butanone (MEK)	38.2	38.0	40	95	95	61-124	0	20
t-Butyl alcohol (TBA)	34.4	35.1	40	86	88	42-140	2.06	20
n-Butyl benzene	10.9	10.7	10	109	107	74-138	2.52	20
sec-Butyl benzene	10.7	10.5	10	107	105	72-142	1.42	20
tert-Butyl benzene	10.3	10.1	10	103	101	74-140	2.34	20
Carbon Disulfide	9.60	9.30	10	96	93	64-127	3.18	20
Carbon Tetrachloride	9.72	9.42	10	97	94	61-158	3.10	20
Chlorobenzene	9.74	9.40	10	97	94	43-157	3.54	20
Chloroethane	9.94	9.47	10	99	95	50-127	4.86	20
Chloroform	9.56	9.31	10	96	93	56-154	2.57	20
Chloromethane	10.6	9.76	10	106	98	41-132	8.19	20
2-Chlorotoluene	9.73	9.51	10	97	95	50-155	2.29	20
4-Chlorotoluene	9.62	9.31	10	96	93	53-153	3.22	20
Dibromochloromethane	8.96	8.74	10	90	87	49-156	2.49	20
1,2-Dibromo-3-chloropropane	3.45	3.36	4	86	84	46-149	2.37	20
1,2-Dibromoethane (EDB)	9.21	9.03	10	92	90	44-155	1.98	20
Dibromomethane	9.40	9.20	10	94	92	50-157	2.20	20
1,2-Dichlorobenzene	9.79	9.55	10	98	96	48-156	2.48	20
1,3-Dichlorobenzene	10.1	9.79	10	101	98	49-159	2.90	20
1,4-Dichlorobenzene	9.98	9.71	10	100	97	51-151	2.80	20
Dichlorodifluoromethane	9.11	8.09	10	91	81	61-117	11.8	20
1,1-Dichloroethane	10.5	10.2	10	105	102	53-153	2.88	20
1,2-Dichloroethane (1,2-DCA)	9.76	9.57	10	98	96	66-125	1.93	20
1,1-Dichloroethene	9.74	9.39	10	97	94	47-149	3.69	20
cis-1,2-Dichloroethene	10.0	9.65	10	100	97	54-155	3.91	20
trans-1,2-Dichloroethene	9.82	9.60	10	98	96	46-151	2.31	20
1,2-Dichloropropane	10.0	9.73	10	100	97	54-153	2.85	20
1,3-Dichloropropane	9.28	9.05	10	93	91	49-150	2.51	20
2,2-Dichloropropane	10.2	9.95	10	102	99	74-147	2.28	20
1,1-Dichloropropene	9.86	9.53	10	99	95	54-150	3.40	20
cis-1,3-Dichloropropene	9.00	8.71	10	90	87	55-159	3.21	20

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1707965
Date Prepared:	7/29/17	**BatchID:**	142855
Date Analyzed:	7/29/17	**Extraction Method:**	SW5030B
Instrument:	GC38	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS/LCSD-142855

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	9.23	8.94	10	92	89	74-131	3.17	20
Diisopropyl ether (DIPE)	9.92	9.67	10	99	97	57-136	2.53	20
Ethylbenzene	9.82	9.51	10	98	95	60-152	3.20	20
Ethyl tert-butyl ether (ETBE)	9.81	9.65	10	98	96	55-137	1.70	20
Freon 113	9.70	9.44	10	97	94	47-138	2.71	20
Hexachlorobutadiene	9.29	9.11	10	93	91	66-160	1.98	20
Hexachloroethane	9.27	9.08	10	93	91	75-130	2.08	20
2-Hexanone	9.30	9.19	10	93	92	70-115	1.15	20
Isopropylbenzene	9.73	9.55	10	97	95	59-156	1.85	20
4-Isopropyl toluene	10.7	10.4	10	107	104	75-138	2.69	20
Methyl-t-butyl ether (MTBE)	9.12	9.03	10	91	90	53-139	1.05	20
Methylene chloride	9.31	9.08	10	93	91	66-127	2.48	20
4-Methyl-2-pentanone (MIBK)	8.47	8.38	10	85	84	42-153	1.18	20
Naphthalene	9.24	9.18	10	92	92	66-127	0	20
n-Propyl benzene	10.4	10.1	10	104	101	54-155	2.52	20
Styrene	10.0	9.73	10	101	97	51-152	3.24	20
1,1,1,2-Tetrachloroethane	9.40	9.14	10	94	91	58-159	2.81	20
1,1,2,2-Tetrachloroethane	8.89	8.84	10	89	88	51-150	0.550	20
Tetrachloroethene	9.49	9.09	10	95	91	55-145	4.29	20
Toluene	9.38	9.10	10	94	91	52-137	3.04	20
1,2,3-Trichlorobenzene	9.65	9.37	10	96	94	70-136	2.92	20
1,2,4-Trichlorobenzene	9.74	9.54	10	97	95	74-137	2.07	20
1,1,1-Trichloroethane	9.83	9.55	10	98	95	57-156	2.85	20
1,1,2-Trichloroethane	9.29	9.08	10	93	91	51-150	2.33	20
Trichloroethene	9.60	9.34	10	96	93	43-157	2.76	20
Trichlorofluoromethane	9.74	9.46	10	97	95	50-147	2.96	20
1,2,3-Trichloropropane	9.24	9.29	10	92	93	41-152	0.581	20
1,2,4-Trimethylbenzene	10.5	10.3	10	105	103	57-157	1.71	20
1,3,5-Trimethylbenzene	10.1	9.94	10	101	99	56-159	1.99	20
Vinyl Chloride	10.7	10.1	10	107	101	42-137	5.39	20
Xylenes, Total	30.4	29.4	30	102	98	70-130	3.56	20
Surrogate Recovery								
Dibromofluoromethane	29.0	29.1	25	116	116	70-130	0	20
Toluene-d8	25.8	25.8	25	103	103	70-130	0	20
4-BFB	2.27	2.24	2.5	91	90	70-130	1.22	20

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1707965 **ClientCode: HLEC**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Cheri Page
Harris & Lee Environmental Consulting,
120 Ross Valley Drive
San Rafael, CA 94901
(707) 322-8625 FAX: (866) 873-4361

Email: cheri@hlenv.com
cc/3rd Party: walt@HLENV.com;
PO:
ProjectNo: 761 Sebastopol Rd.

Bill to:
Elaine Everest
Harris & Lee Env. Consulting, LLC
120 Ross Valley Drive
San Rafael, CA 94901
elaine@hlenv.com

Requested TAT: **5 days;**

Date Received: **07/25/2017**
Date Logged: **07/26/2017**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1707965-001	MW-1	Water	7/21/2017 10:17	☐	A											
1707965-002	MW-2	Water	7/21/2017 11:20	☐	A											
1707965-003	MW-3	Water	7/21/2017 12:05	☐	A											
1707965-004	MW-4	Water	7/24/2017 13:05	☐	A											
1707965-005	MW-5	Water	7/21/2017 13:05	☐	A											
1707965-006	MW-6	Water	7/24/2017 12:19	☐	A											
1707965-007	MW-1D	Water	7/24/2017 07:01	☐	A											
1707965-008	MW-2D	Water	7/24/2017 07:53	☐	A											
1707965-009	MW-3D	Water	7/24/2017 10:58	☐	A											
1707965-010	MW-5D	Water	7/24/2017 11:51	☐	A											

Test Legend:

1	8260B_W	2		3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: HARRIS & LEE ENVIRONMENTAL CONSULTING, **Project:** 761 Sebastopol Rd. **Work Order:** 1707965
Client Contact: Cheri Page **QC Level:** LEVEL 2
Contact's Email: cheri@hlenv.com **Comments:** **Date Logged:** 7/26/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1707965-001A	MW-1	Water	SW8260B (VOCs)	3	VOA w/ HCl	☐	7/21/2017 10:17	5 days	Present	☐	
1707965-002A	MW-2	Water	SW8260B (VOCs)	3	VOA w/ HCl	☐	7/21/2017 11:20	5 days	Present	☐	
1707965-003A	MW-3	Water	SW8260B (VOCs)	3	VOA w/ HCl	☐	7/21/2017 12:05	5 days	Present	☐	
1707965-004A	MW-4	Water	SW8260B (VOCs)	3	VOA w/ HCl	☐	7/24/2017 13:05	5 days	Trace	☐	
1707965-005A	MW-5	Water	SW8260B (VOCs)	3	VOA w/ HCl	☐	7/21/2017 13:05	5 days	Trace	☐	
1707965-006A	MW-6	Water	SW8260B (VOCs)	3	VOA w/ HCl	☐	7/24/2017 12:19	5 days	Present	☐	
1707965-007A	MW-1D	Water	SW8260B (VOCs)	3	VOA w/ HCl	☐	7/24/2017 7:01	5 days	Trace	☐	
1707965-008A	MW-2D	Water	SW8260B (VOCs)	3	VOA w/ HCl	☐	7/24/2017 7:53	5 days	Present	☐	
1707965-009A	MW-3D	Water	SW8260B (VOCs)	3	VOA w/ HCl	☐	7/24/2017 10:58	5 days	Present	☐	
1707965-010A	MW-5D	Water	SW8260B (VOCs)	3	VOA w/ HCl	☐	7/24/2017 11:51	5 days	Trace	☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

General COC

MAI Work Order # 1707965

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701
Telephone: (877) 252-9262 / Fax: (925) 252-9269
www.mccampbell.com main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | 2 Day Rush | 3 Day Rush | STD X | Quote #
J-Flag / MDL | ESL | Cleanup Approved | Bottle Order #
Delivery Format: GeoTracker EDF X | PDF X | EDD | Write On (DW) | EQuIS

Report To: CHERI PAGE Bill To: WALTER BEACH
Company: HARRIS & LEE ENV
Email: cheri@hlenv.com / walt@hlenv.com
Alt Email: Tele: 707-322-8625
Project Name/#:
Project Location: 761 SEBASTOPOL RD. PO #
Sampler Signature:

Analysis Requested

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis				
MW-1	7/21/17	1017	3	H_2O	Y									X										
MW-2	7/21/17	1120	3	H_2O	Y									X										
MW-3	7/21/17	1205	3	H_2O	Y									X										
MW-4	7/24/17	1305	3	H_2O	Y									X										
MW-5	7/21/17	1305	3	H_2O	Y									X										
MW-6	7/24/17	1219	3	H_2O	Y									X										
MW-1D	7/24/17	701	3	H_2O	Y									X										
MW-2D	7/24/17	753	3	H_2O	Y									X										
MW-3D	7/24/17	1058	3	H_2O	Y									X										
MW-5D	7/24/17	1151	3	H_2O	Y									X										

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
DAVID BUSH / EGS	7/25/17	1450	MOLSRS V	7/25/17	1450
MOLSRS	7/25/17	1640		7/25/17	1640

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 5.1 °C Initials

Page ___ of ___

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	**Harris & Lee Environmental Consulting, LLC**	Date and Time Received	**7/25/2017 18:40**
Project Name:	**761 Sebastopol Rd.**	Date Logged:	**7/26/2017**
		Received by:	Jena Alfaro
WorkOrder №:	**1707965** Matrix: Water	Logged by:	Jena Alfaro
Carrier:	Moises Vasquez (contract courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Sample/Temp Blank temperature	Temp: 5.1°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

Appendix G

Waste Disposal Documentation

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	925-891-4293	17N.007.48.02-001

GENERATOR

5. Generator's Name and Mailing Address
SONOMA COUNTY COMMUNITY DEVELOPMENT COMMISSION
1440 GUERNEVILLE RD
SANTA ROSA, CA 95401
Generator's Phone: (707) 565-7500

Generator's Site Address (if different than mailing address)
761 SEBASTOPOL RD
SANTA ROSA, CA

6. Transporter 1 Company Name
ENV ENVIRONMENTAL INTERNATIONAL
U.S. EPA ID Number: CAR000247189

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
RECOLOGY - HAY RD LANDFILL
6426 HAY RD.
VACAVILLE, CA 95687
Facility's Phone: (707) 451-3276
U.S. EPA ID Number: CAD982042475

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Soil	2	DM	1	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
96.1 Profile Number 7091

Always wear proper PPE when handling this material

Send invoice to: Shoreline Environmental Resources, Inc.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eric Pace for Sonoma County Comm. Dev. Comm. | Signature | Month: 2 | Day: 21 | Year: 17

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mike Soler | Signature | Month: 2 | Day: 21 | Year: 17

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☒ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Tom Custis | Signature | Month: 2 | Day: 23 | Year: 17

GC Labels • Printed in the USA
1-800-997-6966

TRANSPORTER #1

Reorder Pad# MANIFEST-CENHWC
913-897-6966

Seaport Environmental

NON-HAZARDOUS WATER TRANSPORT FORM

GENERATOR INFORMATION

Sonoma County Comm. Dev.
1440 Guerneville Road
Santa Rosa Ca

CUSTOMER INFORMATION

Shoreline Environmental
925-891-4293
PO #

DESCRIPTION OF WATER: Monitoring Well Sampling
NON-HAZARDOUS WASTE WATER, MONITORING WELL PURGE WATER AND/OR AUGER RINSATE, TANK RINSATE OR ABOVE DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(10)AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS DESCRIBED IN 22 CCR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS.

Peter Page for Sonoma County Community Development Commission — 2/21/17

Generator/Authorised Agent — Sign — date

SITE INFORMATION

761 Sebastopol Rd. (Roseland Cleaners)
Santa Rosa
Ca

GROSS	
TARE	
NET	
TOTAL GALLONS	10 x 55 Drums

Calculated at 8.34lbs per USG

TRANSPORTER INFORMATION

Shoreline Enrironmental

Truck ID: CA4775 02

Driver: Mike Soto / MSL — 2-21-17

Print full name & sign — date

TIME OUT	
TIME IN	
TIME SPENT	

DISPOSAL FACILITY INFORMATION EPA ID: CAR 000239673

Seaport Environmental
679 Seaport Boulevard
Redwood City, Ca 94063
Phone: (650) 364 1024

Approval Number: 500 - 1460

Solids %Wt: | **pH**:

Solids Surcharge ¢/USG: 1

Received by: — 02-23-17

Print full name & sign — date

Seaport Environmental

NON-HAZARDOUS WATER TRANSPORT FORM

GENERATOR INFORMATION

Sonoma County Comm. Dev
1440 Guerneville Road
Santa Rosa Ca

CUSTOMER INFORMATION

Shoreline Environmental
925-891-4293
PO #

DESCRIPTION OF WATER: Monitoring Well Sampling
NON-HAZARDOUS WASTE WATER, MONITORING WELL PURGE WATER AND/OR AUGER RINSATE, TANK RINSATE OR ABOVE DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(10)AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS DESCRIBED IN 22 CCR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS.

David Solis / Agent For Generator — Generator/Authorised Agent

Sign — date

SITE INFORMATION

761 Sebastopol Rd. (Roseland Cleaners)
Santa Rosa
Ca

GROSS	
TARE	
NET	
TOTAL GALLONS	3 X 55 Drums

Calculated at 8.34lbs per USG

TRANSPORTER INFORMATION

Shoreline Enrironmental

Truck ID: 668839E2-15

Driver: D. Solis — Print full name & sign — date 8-17-17

TIME OUT	
TIME IN	
TIME SPENT	

DISPOSAL FACILITY INFORMATION EPA ID: CAR 000239673

Seaport Environmental
679 Seaport Boulevard
Redwood City, Ca 94063
Phone: (650) 364 1024

Approval Number: 500 - 1460

Solids %Wt | pH

Solids Surcharge ¢/USG

Received by: — Print full name & sign — date 08-17-17

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1702812

Report Created for: Harris & Lee Environmental Consulting, LLC

120 Ross Valley Drive
San Rafael, CA 94901

Project Contact: Cheri Page
Project P.O.:
Project Name: 761 Sebastopol Rd.

Project Received: 02/15/2017

Analytical Report reviewed & approved for release on 02/16/2017 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: 761 Sebastopol Rd.
WorkOrder: 1702812

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Received:	2/15/17 15:45	**Extraction Method:**	SW5030B
Date Prepared:	2/15/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	mg/kg

Halogenated Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D-1DW	1702812-001A	Soil	02/14/2017 13:35	GC16	134218

Analytes	Result	RL	DF	Date Analyzed
Bromobenzene	ND	0.0050	1	02/16/2017 00:59
Bromochloromethane	ND	0.0050	1	02/16/2017 00:59
Bromodichloromethane	ND	0.0050	1	02/16/2017 00:59
Bromoform	ND	0.0050	1	02/16/2017 00:59
Bromomethane	ND	0.0050	1	02/16/2017 00:59
Carbon Tetrachloride	ND	0.0050	1	02/16/2017 00:59
Chlorobenzene	ND	0.0050	1	02/16/2017 00:59
Chloroethane	ND	0.0050	1	02/16/2017 00:59
Chloroform	ND	0.0050	1	02/16/2017 00:59
Chloromethane	ND	0.0050	1	02/16/2017 00:59
2-Chlorotoluene	ND	0.0050	1	02/16/2017 00:59
4-Chlorotoluene	ND	0.0050	1	02/16/2017 00:59
Dibromochloromethane	ND	0.0050	1	02/16/2017 00:59
1,2-Dibromo-3-chloropropane	ND	0.0040	1	02/16/2017 00:59
1,2-Dibromoethane (EDB)	ND	0.0040	1	02/16/2017 00:59
Dibromomethane	ND	0.0050	1	02/16/2017 00:59
1,2-Dichlorobenzene	ND	0.0050	1	02/16/2017 00:59
1,3-Dichlorobenzene	ND	0.0050	1	02/16/2017 00:59
1,4-Dichlorobenzene	ND	0.0050	1	02/16/2017 00:59
Dichlorodifluoromethane	ND	0.0050	1	02/16/2017 00:59
1,1-Dichloroethane	ND	0.0050	1	02/16/2017 00:59
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	02/16/2017 00:59
1,1-Dichloroethene	ND	0.0050	1	02/16/2017 00:59
cis-1,2-Dichloroethene	ND	0.0050	1	02/16/2017 00:59
trans-1,2-Dichloroethene	ND	0.0050	1	02/16/2017 00:59
1,2-Dichloropropane	ND	0.0050	1	02/16/2017 00:59
1,3-Dichloropropane	ND	0.0050	1	02/16/2017 00:59
2,2-Dichloropropane	ND	0.0050	1	02/16/2017 00:59
1,1-Dichloropropene	ND	0.0050	1	02/16/2017 00:59
cis-1,3-Dichloropropene	ND	0.0050	1	02/16/2017 00:59
trans-1,3-Dichloropropene	ND	0.0050	1	02/16/2017 00:59
Freon 113	ND	0.0050	1	02/16/2017 00:59
Hexachlorobutadiene	ND	0.0050	1	02/16/2017 00:59
Hexachloroethane	ND	0.0050	1	02/16/2017 00:59
Methylene chloride	ND	0.0050	1	02/16/2017 00:59
1,1,1,2-Tetrachloroethane	ND	0.0050	1	02/16/2017 00:59
1,1,2,2-Tetrachloroethane	ND	0.0050	1	02/16/2017 00:59

(Cont.)

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Received:	2/15/17 15:45	**Extraction Method:**	SW5030B
Date Prepared:	2/15/17	**Analytical Method:**	SW8260B
Project:	761 Sebastopol Rd.	**Unit:**	mg/kg

Halogenated Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D-1DW	1702812-001A	Soil	02/14/2017 13:35	GC16	134218

Analytes	Result	RL	DF	Date Analyzed
Tetrachloroethene	ND	0.0050	1	02/16/2017 00:59
1,2,3-Trichlorobenzene	ND	0.0050	1	02/16/2017 00:59
1,2,4-Trichlorobenzene	ND	0.0050	1	02/16/2017 00:59
1,1,1-Trichloroethane	ND	0.0050	1	02/16/2017 00:59
1,1,2-Trichloroethane	ND	0.0050	1	02/16/2017 00:59
Trichloroethene	ND	0.0050	1	02/16/2017 00:59
Trichlorofluoromethane	ND	0.0050	1	02/16/2017 00:59
1,2,3-Trichloropropane	ND	0.0050	1	02/16/2017 00:59
Vinyl Chloride	ND	0.0050	1	02/16/2017 00:59

Surrogates	REC (%)	Limits	
Dibromofluoromethane	93	70-130	02/16/2017 00:59
Toluene-d8	102	70-130	02/16/2017 00:59
4-BFB	108	70-130	02/16/2017 00:59
Benzene-d6	81	60-140	02/16/2017 00:59
Ethylbenzene-d10	94	60-140	02/16/2017 00:59
1,2-DCB-d4	69	60-140	02/16/2017 00:59

Analyst(s): AK

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Angela Rydelius, Lab Manager

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	2/15/17	**BatchID:**	134218
Date Analyzed:	2/15/17	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-134218 1702793-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Bromobenzene	ND	-	0.0050	-	-	-	-
Bromochloromethane	ND	-	0.0050	-	-	-	-
Bromodichloromethane	ND	-	0.0050	-	-	-	-
Bromoform	ND	-	0.0050	-	-	-	-
Bromomethane	ND	-	0.0050	-	-	-	-
Carbon Tetrachloride	ND	-	0.0050	-	-	-	-
Chlorobenzene	ND	0.0449	0.0050	0.050	-	90	77-121
Chloroethane	ND	-	0.0050	-	-	-	-
Chloroform	ND	-	0.0050	-	-	-	-
Chloromethane	ND	-	0.0050	-	-	-	-
2-Chlorotoluene	ND	-	0.0050	-	-	-	-
4-Chlorotoluene	ND	-	0.0050	-	-	-	-
Dibromochloromethane	ND	-	0.0050	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.0040	-	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0422	0.0040	0.050	-	84	67-119
Dibromomethane	ND	-	0.0050	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.0050	-	-	-	-
Dichlorodifluoromethane	ND	-	0.0050	-	-	-	-
1,1-Dichloroethane	ND	-	0.0050	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0422	0.0040	0.050	-	84	58-135
1,1-Dichloroethene	ND	0.0449	0.0050	0.050	-	90	42-145
cis-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
1,2-Dichloropropane	ND	-	0.0050	-	-	-	-
1,3-Dichloropropane	ND	-	0.0050	-	-	-	-
2,2-Dichloropropane	ND	-	0.0050	-	-	-	-
1,1-Dichloropropene	ND	-	0.0050	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-
Freon 113	ND	-	0.0050	-	-	-	-
Hexachlorobutadiene	ND	-	0.0050	-	-	-	-
Hexachloroethane	ND	-	0.0050	-	-	-	-
Methylene chloride	ND	-	0.0050	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-

(Cont.)

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QA/QC Officer

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	2/15/17	**BatchID:**	134218
Date Analyzed:	2/15/17	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-134218 1702793-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Tetrachloroethene	ND	-	0.0050	-	-	-	-
1,2,3-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.0050	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.0050	-	-	-	-
Trichloroethene	ND	0.0452	0.0050	0.050	-	90	72-132
Trichlorofluoromethane	ND	-	0.0050	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.0050	-	-	-	-
Vinyl Chloride	ND	-	0.0050	-	-	-	-
Surrogate Recovery							
Dibromofluoromethane	0.1239	0.126		0.12	99	101	70-130
Toluene-d8	0.1409	0.140		0.12	113	112	70-130
4-BFB	0.01344	0.0136		0.012	108	109	70-130
Benzene-d6	0.08808	0.0932		0.10	88	93	60-140
Ethylbenzene-d10	0.1081	0.113		0.10	108	113	60-140
1,2-DCB-d4	0.08148	0.0832		0.10	81	83	60-140

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Chlorobenzene	0.0409	0.0410	0.050	ND	82	82	77-121	0	20
1,2-Dibromoethane (EDB)	0.0374	0.0370	0.050	ND	75	74	67-119	1.21	20
1,2-Dichloroethane (1,2-DCA)	0.0391	0.0389	0.050	ND	78	78	58-135	0	20
1,1-Dichloroethene	0.0407	0.0409	0.050	ND	81	82	42-145	0.407	20
Trichloroethene	0.0424	0.0422	0.050	ND	85	84	72-132	0.393	20
Surrogate Recovery									
Dibromofluoromethane	0.126	0.126	0.12		101	101	70-130	0	20
Toluene-d8	0.137	0.136	0.12		109	109	70-130	0	20
4-BFB	0.0136	0.0136	0.012		108	109	70-130	0.360	20
Benzene-d6	0.0863	0.0857	0.10		86	86	60-140	0	20
Ethylbenzene-d10	0.101	0.0996	0.10		101	100	60-140	0.927	20
1,2-DCB-d4	0.0766	0.0757	0.10		77	76	60-140	1.22	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1702812 **ClientCode: HLEC**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☒ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Cheri Page
Harris & Lee Environmental Consulting,
120 Ross Valley Drive
San Rafael, CA 94901
(707) 322-8625 FAX: (866) 873-4361

Email: cheri@hlenv.com
cc/3rd Party:
PO:
ProjectNo: 761 Sebastopol Rd.

Bill to:
Elaine Everest
Harris & Lee Env. Consulting, LLC
120 Ross Valley Drive
San Rafael, CA 94901
elaine@hlenv.com

Requested TAT: **1 day;**

Date Received: **02/15/2017**
Date Logged: **02/15/2017**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1702812-001	MW-5D-1DW	Soil	2/14/2017 13:35	☐	A											

Test Legend:

1	8010_S	2		3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: HARRIS & LEE ENVIRONMENTAL CONSULTING, **Project:** 761 Sebastopol Rd. **Work Order:** 1702812
Client Contact: Cheri Page **QC Level:** LEVEL 2
Contact's Email: cheri@hlenv.com **Comments:** **Date Logged:** 2/15/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1702812-001A	MW-5D-1DW	Soil	SW8260B (HVOCs List)	1	Stainless Steel tube 2"x6"	☐	2/14/2017 13:35	1 day		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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RUSH

CHAIN OF CUSTODY RECORD

1702812

TURN AROUND TIME: RUSH [X] 1 DAY [X] 2 DAY [ ] 3 DAY [ ] DAY [ ]
GeoTracker EDF [ ] PDF [ ] EDD [ ] Write On (DW) [ ] PuS [ ] 10 DAY [ ]
Effluent Sample Requiring "J" flag [ ] UST Clean Up Fund Project [ ] Form #

Report To: Cheri Page	Bill To: Walter Beach, Harris & Lee
Company: Harris & Lee	120 Ross Valley Drive
1724 Capella Court	San Rafael, CA 94901
	E-Mail: cheri@hlenv.com
Tele: (707) 766-0606	Fax: (866)873-4361
Project #:	Project Name: 761 Sebastopol Rd
Project Location: 761 Sebastopol Rd	Purchase Order#
Sampler Signature: Cheri Page	

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO_3	Other
MW-5D-1DW		2/14/2017	835*	1					1						

Analysis Request

BTEX/ MTBE & TPH as Gas (8021/ 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	BTEX/ MTBE & TPH as Gas (8260)	EPA 524.2 / 624 / 8260 (VOCs) 8010 list	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Metals (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	Lead (total)	Soluble Lead (STLC)	Soluble Lead (TCLP)
									X									

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date	Time	Received By:
Cheri Page	2/15	9:05	
Relinquished By:	Date	Time	Received By:
	2-15	1540	
Relinquished By:	Date	Time	Received By:

ICE/t° 1.2°
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

COMMENTS:
*Time taken From Container

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION pH<2

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Sample Receipt Checklist

Client Name:	**Harris & Lee Environmental Consulting, LLC**	Date and Time Received	**2/15/2017 15:45**
Project Name:	**761 Sebastopol Rd.**	Date Logged:	**2/15/2017**
		Received by:	Jena Alfaro
WorkOrder №:	**1702812** Matrix: Soil	Logged by:	Jena Alfaro
Carrier:	David Shaver (MAI Courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Sample/Temp Blank temperature	Temp: 1.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1702812 A

Report Created for: Harris & Lee Environmental Consulting, LLC

120 Ross Valley Drive
San Rafael, CA 94901

Project Contact: Cheri Page
Project P.O.:
Project Name: 761 Sebastopol Rd.

Project Received: 02/15/2017

Analytical Report reviewed & approved for release on 02/27/2017 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

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Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: 761 Sebastopol Rd.
WorkOrder: 1702812

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: 761 Sebastopol Rd.
WorkOrder: 1702812

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.
F2	LCS/LCSD recovery and/or RPD is out of acceptance criteria.
F3	the surrogate standard recovery and/or RPD is outside of acceptance limits.

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Received:	2/15/17 15:45	**Extraction Method:**	SW3550B
Date Prepared:	2/23/17	**Analytical Method:**	SW8270C
Project:	761 Sebastopol Rd.	**Unit:**	mg/Kg

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D-1DW	1702812-001A	Soil	02/14/2017 13:35	GC21	134571

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.25	1	02/23/2017 23:34
Acenaphthylene	ND	0.25	1	02/23/2017 23:34
Acetochlor	ND	0.25	1	02/23/2017 23:34
Anthracene	ND	0.25	1	02/23/2017 23:34
Benzidine	ND	1.3	1	02/23/2017 23:34
Benzo (a) anthracene	ND	0.25	1	02/23/2017 23:34
Benzo (a) pyrene	ND	0.25	1	02/23/2017 23:34
Benzo (b) fluoranthene	ND	0.25	1	02/23/2017 23:34
Benzo (g,h,i) perylene	ND	0.25	1	02/23/2017 23:34
Benzo (k) fluoranthene	ND	0.25	1	02/23/2017 23:34
Benzyl Alcohol	ND	1.3	1	02/23/2017 23:34
1,1-Biphenyl	ND	0.25	1	02/23/2017 23:34
Bis (2-chloroethoxy) Methane	ND	0.25	1	02/23/2017 23:34
Bis (2-chloroethyl) Ether	ND	0.25	1	02/23/2017 23:34
Bis (2-chloroisopropyl) Ether	ND	0.25	1	02/23/2017 23:34
Bis (2-ethylhexyl) Adipate	ND	0.25	1	02/23/2017 23:34
Bis (2-ethylhexyl) Phthalate	ND	0.25	1	02/23/2017 23:34
4-Bromophenyl Phenyl Ether	ND	0.25	1	02/23/2017 23:34
Butylbenzyl Phthalate	ND	0.25	1	02/23/2017 23:34
4-Chloroaniline	ND	0.50	1	02/23/2017 23:34
4-Chloro-3-methylphenol	ND	0.25	1	02/23/2017 23:34
2-Chloronaphthalene	ND	0.25	1	02/23/2017 23:34
2-Chlorophenol	ND	0.25	1	02/23/2017 23:34
4-Chlorophenyl Phenyl Ether	ND	0.25	1	02/23/2017 23:34
Chrysene	ND	0.25	1	02/23/2017 23:34
Dibenzo (a,h) anthracene	ND	0.25	1	02/23/2017 23:34
Dibenzofuran	ND	0.25	1	02/23/2017 23:34
Di-n-butyl Phthalate	ND	0.25	1	02/23/2017 23:34
1,2-Dichlorobenzene	ND	0.25	1	02/23/2017 23:34
1,3-Dichlorobenzene	ND	0.25	1	02/23/2017 23:34
1,4-Dichlorobenzene	ND	0.25	1	02/23/2017 23:34
3,3-Dichlorobenzidine	ND	0.50	1	02/23/2017 23:34
2,4-Dichlorophenol	ND	0.25	1	02/23/2017 23:34
Diethyl Phthalate	ND	0.25	1	02/23/2017 23:34
2,4-Dimethylphenol	ND	0.25	1	02/23/2017 23:34
Dimethyl Phthalate	ND	0.25	1	02/23/2017 23:34
4,6-Dinitro-2-methylphenol	ND	1.3	1	02/23/2017 23:34

(Cont.)

NELAP 4033ORELAP

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Received:	2/15/17 15:45	**Extraction Method:**	SW3550B
Date Prepared:	2/23/17	**Analytical Method:**	SW8270C
Project:	761 Sebastopol Rd.	**Unit:**	mg/Kg

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D-1DW	1702812-001A	Soil	02/14/2017 13:35	GC21	134571

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	6.3	1	02/23/2017 23:34
2,4-Dinitrotoluene	ND	0.25	1	02/23/2017 23:34
2,6-Dinitrotoluene	ND	0.25	1	02/23/2017 23:34
Di-n-octyl Phthalate	ND	0.50	1	02/23/2017 23:34
1,2-Diphenylhydrazine	ND	0.25	1	02/23/2017 23:34
Fluoranthene	ND	0.25	1	02/23/2017 23:34
Fluorene	ND	0.25	1	02/23/2017 23:34
Hexachlorobenzene	ND	0.25	1	02/23/2017 23:34
Hexachlorobutadiene	ND	0.25	1	02/23/2017 23:34
Hexachlorocyclopentadiene	ND	1.3	1	02/23/2017 23:34
Hexachloroethane	ND	0.25	1	02/23/2017 23:34
Indeno (1,2,3-cd) pyrene	ND	0.25	1	02/23/2017 23:34
Isophorone	ND	0.25	1	02/23/2017 23:34
2-Methylnaphthalene	ND	0.25	1	02/23/2017 23:34
2-Methylphenol (o-Cresol)	ND	0.25	1	02/23/2017 23:34
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	02/23/2017 23:34
Naphthalene	ND	0.25	1	02/23/2017 23:34
2-Nitroaniline	ND	1.3	1	02/23/2017 23:34
3-Nitroaniline	ND	1.3	1	02/23/2017 23:34
4-Nitroaniline	ND	1.3	1	02/23/2017 23:34
Nitrobenzene	ND	0.25	1	02/23/2017 23:34
2-Nitrophenol	ND	1.3	1	02/23/2017 23:34
4-Nitrophenol	ND	1.3	1	02/23/2017 23:34
N-Nitrosodiphenylamine	ND	0.25	1	02/23/2017 23:34
N-Nitrosodi-n-propylamine	ND	0.25	1	02/23/2017 23:34
Pentachlorophenol	ND	1.3	1	02/23/2017 23:34
Phenanthrene	ND	0.25	1	02/23/2017 23:34
Phenol	ND	0.25	1	02/23/2017 23:34
Pyrene	ND	0.25	1	02/23/2017 23:34
1,2,4-Trichlorobenzene	ND	0.25	1	02/23/2017 23:34
2,4,5-Trichlorophenol	ND	0.25	1	02/23/2017 23:34
2,4,6-Trichlorophenol	ND	0.25	1	02/23/2017 23:34

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Received:	2/15/17 15:45	**Extraction Method:**	SW3550B
Date Prepared:	2/23/17	**Analytical Method:**	SW8270C
Project:	761 Sebastopol Rd.	**Unit:**	mg/Kg

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D-1DW	**1702812-001A**	**Soil**	**02/14/2017 13:35**	**GC21**	**134571**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
2-Fluorophenol	95	30-130		02/23/2017 23:34
Phenol-d5	87	30-130		02/23/2017 23:34
Nitrobenzene-d5	80	30-130		02/23/2017 23:34
2-Fluorobiphenyl	75	30-130		02/23/2017 23:34
2,4,6-Tribromophenol	60	16-130		02/23/2017 23:34
4-Terphenyl-d14	86	30-130		02/23/2017 23:34

Analyst(s): REB

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Received:	2/15/17 15:45	**Extraction Method:**	SW3050B
Date Prepared:	2/22/17	**Analytical Method:**	SW6020
Project:	761 Sebastopol Rd.	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D-1DW	**1702812-001A**	**Soil**	**02/14/2017 13:35**	**ICP-MS2**	**134519**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	02/23/2017 14:21
Arsenic	**4.0**	0.50	1	02/23/2017 14:21
Barium	**110**	5.0	1	02/23/2017 14:21
Beryllium	**0.53**	0.50	1	02/23/2017 14:21
Cadmium	ND	0.25	1	02/23/2017 14:21
Chromium	**73**	0.50	1	02/23/2017 14:21
Cobalt	**13**	0.50	1	02/23/2017 14:21
Copper	**21**	0.50	1	02/23/2017 14:21
Lead	**4.6**	0.50	1	02/23/2017 14:21
Mercury	ND	0.050	1	02/23/2017 14:21
Molybdenum	ND	0.50	1	02/23/2017 14:21
Nickel	**94**	0.50	1	02/23/2017 14:21
Selenium	ND	0.50	1	02/23/2017 14:21
Silver	ND	0.50	1	02/23/2017 14:21
Thallium	ND	0.50	1	02/23/2017 14:21
Vanadium	**54**	0.50	1	02/23/2017 14:21
Zinc	**46**	5.0	1	02/23/2017 14:21

Surrogates	REC (%)	Limits	
Terbium	116	70-130	02/23/2017 14:21

Analyst(s): MIG

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Received:	2/15/17 15:45	**Extraction Method:**	SW5030B
Date Prepared:	2/22/17	**Analytical Method:**	SW8021B/8015Bm
Project:	761 Sebastopol Rd.	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D-1DW	**1702812-001A**	**Soil**	**02/14/2017 13:35**	**GC19**	**134518**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	02/26/2017 13:57
MTBE	---	0.050	1	02/26/2017 13:57
Benzene	---	0.0050	1	02/26/2017 13:57
Toluene	---	0.0050	1	02/26/2017 13:57
Ethylbenzene	---	0.0050	1	02/26/2017 13:57
Xylenes	---	0.015	1	02/26/2017 13:57

Surrogates	REC (%)	Limits	
2-Fluorotoluene	79	69-117	02/26/2017 13:57

Analyst(s): TD

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Received:	2/15/17 15:45	**Extraction Method:**	SW9045C
Date Prepared:	2/23/17	**Analytical Method:**	SW9045C
Project:	761 Sebastopol Rd.	**Unit:**	pH units @ 25°C

pH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D-1DW	**1702812-001A**	**Soil**	**02/14/2017 13:35**	**WetChem**	**134653**

Analytes	Result	Accuracy	DF	Date Analyzed
pH	**7.83**	±0.1	1	02/23/2017 20:26

Analyst(s): RB

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Received:	2/15/17 15:45	**Extraction Method:**	SW3550B
Date Prepared:	2/22/17	**Analytical Method:**	SW8015B
Project:	761 Sebastopol Rd.	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D-1DW	**1702812-001A**	**Soil**	**02/14/2017 13:35**	**GC9b**	**134558**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	02/23/2017 20:59
TPH-Motor Oil (C18-C36)	ND	5.0	1	02/23/2017 20:59

Surrogates	REC (%)	Limits	
C9	94	72-114	02/23/2017 20:59

Analyst(s): TK

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	2/21/17	**BatchID:**	134518
Date Analyzed:	2/23/17 - 2/27/17	**Extraction Method:**	SW5030B
Instrument:	GC19	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-134518 1702A92-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.615	0.40	0.60	-	102	89-118
MTBE	ND	0.0957	0.050	0.10	-	96	68-116
Benzene	ND	0.121	0.0050	0.10	-	121, F2	85-118
Toluene	ND	0.119	0.0050	0.10	-	119	87-121
Ethylbenzene	ND	0.116	0.0050	0.10	-	116	91-124
Xylenes	ND	0.326	0.015	0.30	-	109	92-126
Surrogate Recovery							
2-Fluorotoluene	0.09989	0.0953		0.10	100	95	88-119

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	0.408	ND	0.60	ND	68	0,F1	66-122	0	20
MTBE	0.0641	0.0609	0.10	ND	64	61	58-106	5.10	20
Benzene	0.0711	0.0668	0.10	ND	71	67	63-116	6.19	20
Toluene	0.0728	0.0689	0.10	ND	71	67	66-118	5.53	20
Ethylbenzene	0.0703	0.0664	0.10	ND	70	66,F1	69-121	5.62	20
Xylenes	0.207	0.198	0.30	ND	67,F1	64,F1	70-125	4.34	20
Surrogate Recovery									
2-Fluorotoluene	0.0628	0.0595	0.10		63	60	69-117	5.28	20

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	2/22/17	**BatchID:**	134571
Date Analyzed:	2/22/17 - 2/24/17	**Extraction Method:**	SW3550B
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-134571

QC Summary Report for SW8270C

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acenaphthene	ND	3.02	0.25	5	-	60	46-118
Acenaphthylene	ND	-	0.25	-	-	-	-
Acetochlor	ND	-	0.25	-	-	-	-
Anthracene	ND	-	0.25	-	-	-	-
Benzidine	ND	-	1.3	-	-	-	-
Benzo (a) anthracene	ND	-	0.25	-	-	-	-
Benzo (a) pyrene	ND	-	0.25	-	-	-	-
Benzo (b) fluoranthene	ND	-	0.25	-	-	-	-
Benzo (g,h,i) perylene	ND	-	0.25	-	-	-	-
Benzo (k) fluoranthene	ND	-	0.25	-	-	-	-
Benzyl Alcohol	ND	-	1.3	-	-	-	-
1,1-Biphenyl	ND	-	0.25	-	-	-	-
Bis (2-chloroethoxy) Methane	ND	-	0.25	-	-	-	-
Bis (2-chloroethyl) Ether	ND	-	0.25	-	-	-	-
Bis (2-chloroisopropyl) Ether	ND	-	0.25	-	-	-	-
Bis (2-ethylhexyl) Adipate	ND	-	0.25	-	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	-	0.25	-	-	-	-
4-Bromophenyl Phenyl Ether	ND	-	0.25	-	-	-	-
Butylbenzyl Phthalate	ND	-	0.25	-	-	-	-
4-Chloroaniline	ND	-	0.50	-	-	-	-
4-Chloro-3-methylphenol	ND	3.46	0.25	5	-	69	49-123
2-Chloronaphthalene	ND	-	0.25	-	-	-	-
2-Chlorophenol	ND	3.60	0.25	5	-	72	55-116
4-Chlorophenyl Phenyl Ether	ND	-	0.25	-	-	-	-
Chrysene	ND	-	0.25	-	-	-	-
Dibenzo (a,h) anthracene	ND	-	0.25	-	-	-	-
Dibenzofuran	ND	-	0.25	-	-	-	-
Di-n-butyl Phthalate	ND	-	0.25	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.25	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.25	-	-	-	-
1,4-Dichlorobenzene	ND	3.24	0.25	5	-	65	50-102
3,3-Dichlorobenzidine	ND	-	0.50	-	-	-	-
2,4-Dichlorophenol	ND	-	0.25	-	-	-	-
Diethyl Phthalate	ND	-	0.25	-	-	-	-
2,4-Dimethylphenol	ND	-	0.25	-	-	-	-
Dimethyl Phthalate	ND	-	0.25	-	-	-	-
4,6-Dinitro-2-methylphenol	ND	-	1.3	-	-	-	-

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	2/22/17	**BatchID:**	134571
Date Analyzed:	2/22/17 - 2/24/17	**Extraction Method:**	SW3550B
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-134571

QC Summary Report for SW8270C

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
2,4-Dinitrophenol	ND	-	6.3	-	-	-	-
2,4-Dinitrotoluene	ND	4.14	0.25	5	-	83	47-117
2,6-Dinitrotoluene	ND	-	0.25	-	-	-	-
Di-n-octyl Phthalate	ND	-	0.50	-	-	-	-
1,2-Diphenylhydrazine	ND	-	0.25	-	-	-	-
Fluoranthene	ND	-	0.25	-	-	-	-
Fluorene	ND	-	0.25	-	-	-	-
Hexachlorobenzene	ND	-	0.25	-	-	-	-
Hexachlorobutadiene	ND	-	0.25	-	-	-	-
Hexachlorocyclopentadiene	ND	-	1.3	-	-	-	-
Hexachloroethane	ND	-	0.25	-	-	-	-
Indeno (1,2,3-cd) pyrene	ND	-	0.25	-	-	-	-
Isophorone	ND	-	0.25	-	-	-	-
2-Methylnaphthalene	ND	-	0.25	-	-	-	-
2-Methylphenol (o-Cresol)	ND	-	0.25	-	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	-	0.25	-	-	-	-
Naphthalene	ND	-	0.25	-	-	-	-
2-Nitroaniline	ND	-	1.3	-	-	-	-
3-Nitroaniline	ND	-	1.3	-	-	-	-
4-Nitroaniline	ND	-	1.3	-	-	-	-
Nitrobenzene	ND	-	0.25	-	-	-	-
2-Nitrophenol	ND	-	1.3	-	-	-	-
4-Nitrophenol	ND	4.14	1.3	5	-	83	40-102
N-Nitrosodiphenylamine	ND	-	0.25	-	-	-	-
N-Nitrosodi-n-propylamine	ND	3.36	0.25	5	-	67	47-108
Pentachlorophenol	ND	2.48	1.3	5	-	50	39-134
Phenanthrene	ND	-	0.25	-	-	-	-
Phenol	ND	3.41	0.25	5	-	68	49-107
Pyrene	ND	3.43	0.25	5	-	69	55-124
1,2,4-Trichlorobenzene	ND	3.33	0.25	5	-	67	51-121
2,4,5-Trichlorophenol	ND	-	0.25	-	-	-	-
2,4,6-Trichlorophenol	ND	-	0.25	-	-	-	-

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	2/22/17	**BatchID:**	134571
Date Analyzed:	2/22/17 - 2/24/17	**Extraction Method:**	SW3550B
Instrument:	GC17, GC21	**Analytical Method:**	SW8270C
Matrix:	Soil	**Unit:**	mg/Kg
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-134571

QC Summary Report for SW8270C

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
2-Fluorophenol	7.049	2.30		5	141,F3	46, F3	47-125
Phenol-d5	6.528	2.37		5	131,F3	47	45-117
Nitrobenzene-d5	5.507	2.27		5	110	45	39-121
2-Fluorobiphenyl	5.565	1.68		5	111	34, F3	35-120
2,4,6-Tribromophenol	4.844	1.86		5	97	37	32-111
4-Terphenyl-d14	5.757	1.97		5	115	39	32-128

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	2/21/17 - 2/22/17	**BatchID:**	134519
Date Analyzed:	2/22/17 - 2/23/17	**Extraction Method:**	SW3050B
Instrument:	ICP-MS2, ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-134519 1702103-017AMS/MSD

QC Summary Report for Metals

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Antimony	ND	46.1	0.50	50	-	92	75-125
Arsenic	ND	48.6	0.50	50	-	97	75-125
Barium	ND	485	5.0	500	-	97	75-125
Beryllium	ND	47.0	0.50	50	-	94	75-125
Cadmium	ND	48.2	0.25	50	-	96	75-125
Chromium	ND	48.9	0.50	50	-	98	75-125
Cobalt	ND	48.6	0.50	50	-	97	75-125
Copper	ND	48.2	0.50	50	-	96	75-125
Lead	ND	48.6	0.50	50	-	97	75-125
Mercury	ND	1.22	0.050	1.25	-	98	75-125
Molybdenum	ND	47.1	0.50	50	-	94	75-125
Nickel	ND	48.2	0.50	50	-	96	75-125
Selenium	ND	47.8	0.50	50	-	96	75-125
Silver	ND	46.1	0.50	50	-	92	75-125
Thallium	ND	46.2	0.50	50	-	92	75-125
Vanadium	ND	48.8	0.50	50	-	98	75-125
Zinc	ND	480	5.0	500	-	96	75-125
Surrogate Recovery							
Terbium	517.5	489		500	103	98	70-130

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	2/21/17 - 2/22/17	**BatchID:**	134519
Date Analyzed:	2/22/17 - 2/23/17	**Extraction Method:**	SW3050B
Instrument:	ICP-MS2, ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-134519 1702103-017AMS/MSD

QC Summary Report for Metals

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	53.9	56.0	50	ND	108	112	75-125	3.86	20
Arsenic	54.2	55.8	50	2.5	103	107	75-125	2.89	20
Barium	574	581	500	13	112	114	75-125	1.26	20
Beryllium	56.0	56.2	50	ND	112	112	75-125	0	20
Cadmium	51.4	52.8	50	ND	103	106	75-125	2.57	20
Chromium	111	110	50	57	109	108	75-125	0.721	20
Cobalt	59.0	59.5	50	3.9	110	111	75-125	0.709	20
Copper	58.1	59.8	50	7.2	102	105	75-125	2.75	20
Lead	97.0	97.7	50	43.43	107	108	75-125	0.637	20
Mercury	1.53	1.56	1.25	0.14	111	114	75-125	2.26	20
Molybdenum	51.8	53.2	50	ND	104	106	75-125	2.59	20
Nickel	67.0	69.5	50	19	96	101	75-125	3.77	20
Selenium	52.1	53.2	50	ND	104	106	75-125	1.98	20
Silver	49.6	50.4	50	ND	99	101	75-125	1.76	20
Thallium	50.5	50.7	50	ND	101	101	75-125	0	20
Vanadium	96.8	100	50	46	102	108	75-125	3.24	20
Zinc	546	566	500	49	99	104	75-125	3.61	20
Surrogate Recovery									
Terbium	588	606	500		118	121	70-130	2.88	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony	ND<2.5	ND	-	-
Arsenic	ND<2.5	2.5	-	-
Barium	ND<25	13	-	-
Beryllium	ND<2.5	ND	-	-
Cadmium	ND<1.2	ND	-	-
Chromium	55.7	57	2.28	20
Cobalt	3.83	3.9	1.79	-
Copper	6.16	7.2	14.4	-
Lead	41.1	43.43	5.36	20
Mercury	ND<0.25	0.14	-	-
Molybdenum	ND<2.5	ND	-	-
Nickel	18.0	19	5.26	20
Selenium	ND<2.5	ND	-	-

(Cont.)

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"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	2/21/17 - 2/22/17	**BatchID:**	134519
Date Analyzed:	2/22/17 - 2/23/17	**Extraction Method:**	SW3050B
Instrument:	ICP-MS2, ICP-MS3	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/Kg
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-134519 1702103-017AMS/MSD

QC Summary Report for Metals

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Silver	ND<2.5	ND	-	-
Thallium	ND<2.5	ND	-	-
Vanadium	45.2	46	1.74	20
Zinc	49.4	49	0.816	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

(Cont.)

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Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	2/22/17	**BatchID:**	134558
Date Analyzed:	2/22/17 - 2/23/17	**Extraction Method:**	SW3550B
Instrument:	GC9a	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-134558 1702B22-001AMS/MSD

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	37.4	1.0	40	-	93	91-127
TPH-Motor Oil (C18-C36)	ND	-	5.0	-	-	-	-
Surrogate Recovery							
C9	23.5	23.4		25	94	94	74-110

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	NR	NR		20	NR	NR	-	NR	-
Surrogate Recovery									
C9	NR	NR			NR	NR	-	NR	-

NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	2/23/17	**BatchID:**	134653
Date Analyzed:	2/23/17	**Extraction Method:**	SW9045C
Instrument:	WetChem	**Analytical Method:**	SW9045C
Matrix:	Soil	**Unit:**	pH units @ 25°C
Project:	761 Sebastopol Rd.		

QC Summary Report for pH

SampID	Sample Result	Sample DF	Dup / Serial Dilution Result	Dup / Serial Dilution DF	Precision	Acceptance Criteria
1702812-001A	7.83	1	7.83	1	0	0.1

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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1702812 A **ClientCode: HLEC**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Cheri Page
Harris & Lee Environmental Consulting,
120 Ross Valley Drive
San Rafael, CA 94901
(707) 322-8625 FAX: (866) 873-4361

Email: cheri@hlenv.com
cc/3rd Party:
PO:
ProjectNo: 761 Sebastopol Rd.

Bill to:
Elaine Everest
Harris & Lee Env. Consulting, LLC
120 Ross Valley Drive
San Rafael, CA 94901
elaine@hlenv.com

Requested TAT: 5 days;

Date Received: **02/15/2017**
Date Logged: **02/15/2017**
Date Add-On: **02/21/2017**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1702812-001	MW-5D-1DW	Soil	2/14/2017 13:35	☐	A	A	A	A	A							

Test Legend:

1	8270_S	2	CAM17MS_TTLC_S	3	G-MBTEX_S	4	PH_S
5	TPH(DMO)_S	6		7		8	
9		10		11		12	

Prepared by: Jena Alfaro

Add-On Prepared By: Maria Venegas

Comments: CAM17, MultiRange, SVOCs, pH added 2/21/17 STAT.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: HARRIS & LEE ENVIRONMENTAL CONSULTIN **Project:** 761 Sebastopol Rd. **Work Order:** 1702812

Client Contact: Cheri Page **QC Level:** LEVEL 2

Contact's Email cheri@hlenv.com **Comments:** CAM17, MultiRange, SVOCs, pH added 2/21/17 STAT. **Date Logged:** 2/15/2017

Date Add-On: 2/21/2017

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1702812-001A	MW-5D-1DW	Soil	SW9045C (pH)	1	Stainless Steel tube 2"x6"	2/14/2017 13:35	5 days		☐	
			Multi-Range TPH(g,d,mo) by EPA 8015Bm				5 days		☐	
			SW6020 (CAM 17)				5 days		☐	
			SW8270C (SVOCs)				5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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RUSH

CHAIN OF CUSTODY RECORD

1702812

TURN AROUND TIME: RUSH [X] 1 DAY [X] 2 DAY [ ] 3 DAY [ ] DAY [ ]
GeoTracker EDF [ ] PDF [ ] EDD [ ] Write On (DW) [ ] PuIS [ ] 10 DAY [ ]
Effluent Sample Requiring "J" flag [ ] UST Clean Up Fund Project [ ] Comm #

Report To: Cheri Page	Bill To: Walter Beach, Harris & Lee
Company: Harris & Lee	120 Ross Valley Drive
1724 Capella Court	San Rafael, CA 94901
	E-Mail: cheri@hlenv.com
Tele: (707) 766-0606	Fax: (866)873-4361
Project #:	Project Name: 761 Sebastopol Rd
Project Location: 761 Sebastopol Rd	Purchase Order #
Sampler Signature:	

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO3	Other	BTEX/ MTBE & TPH as Gas (8021 / 8015)	TPH as Diesel (8015) + gas, water only	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505 / 608 / 8081 (OP Pesticides)	EPA 608 / 8082 PCB's; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	BTEX/ MTBE & TPH as Gas (8260)	EPA 5242 / 624 / 8260 (VOCs) 8010 list	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Metals (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	Lead (total)	Soluble Lead (STLC)	Soluble Lead (TCLP)	pH
		2017														Analysis Request																				
MW-5D-1DW		2/14	1335*	1					1								X								X		X								X

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
Cheri Page	2/15	9:05	
Relinquished By:	Date:	Time:	Received By:
	2-15	1545	
Relinquished By:	Date:	Time:	Received By:

ICE/t° 1.2°
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

VOAS O&G METALS OTHER HAZARDOUS
PRESERVATION pH<2

COMMENTS:
*Time taken From container
added 2/21/17 STAT

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1702812 B

Report Created for: Harris & Lee Environmental Consulting, LLC

120 Ross Valley Drive
San Rafael, CA 94901

Project Contact: Cheri Page
Project P.O.:
Project Name: 761 Sebastopol Rd.

Project Received: 02/15/2017

Analytical Report reviewed & approved for release on 03/10/2017 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: 761 Sebastopol Rd.
WorkOrder: 1702812

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Harris & Lee Environmental Consulting, LLC
Project: 761 Sebastopol Rd.
WorkOrder: 1702812

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.
F2	LCS/LCSD recovery and/or RPD is out of acceptance criteria.
F3	the surrogate standard recovery and/or RPD is outside of acceptance limits.

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Analytical Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Received:	2/15/17 15:45	**Extraction Method:**	CA Title 22
Date Prepared:	3/6/17	**Analytical Method:**	SW6020
Project:	761 Sebastopol Rd.	**Unit:**	mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5D-1DW	**1702812-001A**	**Soil**	**02/14/2017 13:35**	**ICP-MS1**	**135138**

Analytes	Result	RL	DF	Date Analyzed
Chromium	**0.20**	0.10	1	03/09/2017 19:27

Analyst(s): DVH

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Harris & Lee Environmental Consulting, LLC	**WorkOrder:**	1702812
Date Prepared:	3/6/17	**BatchID:**	135138
Date Analyzed:	3/9/17	**Extraction Method:**	CA Title 22
Instrument:	ICP-MS1	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	761 Sebastopol Rd.	**Sample ID:**	MB/LCS-135138 1702C85-001AMS/MSD

QC Summary Report for Metals (STLC)

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Chromium	ND	10.1	0.10	10	-	101	75-125

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Chromium	12.6	12.8	10	2.872	98	99	75-125	1.07	20

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1702812 B **ClientCode: HLEC**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Cheri Page
Harris & Lee Environmental Consulting,
120 Ross Valley Drive
San Rafael, CA 94901
(707) 322-8625 FAX: (866) 873-4361

Email: cheri@hlenv.com
cc/3rd Party:
PO:
ProjectNo: 761 Sebastopol Rd.

Bill to:
Elaine Everest
Harris & Lee Env. Consulting, LLC
120 Ross Valley Drive
San Rafael, CA 94901
elaine@hlenv.com

Requested TAT: 5 days;

Date Received: **02/15/2017**
Date Logged: **02/15/2017**
Date Add-On: **03/06/2017**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1702812-001	MW-5D-1DW	Soil	2/14/2017 13:35	☐	A											

Test Legend:

1	CRMS_STLC_S	2		3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Jena Alfaro

Add-On Prepared By: Maria Venegas

Comments: CAM17, MultiRange, SVOCs, pH added 2/21/17 STAT. STLC Cr added 3/6/17.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: HARRIS & LEE ENVIRONMENTAL CONSULTIN
Client Contact: Cheri Page
Contact's Email cheri@hlenv.com

Project: 761 Sebastopol Rd.
Comments: CAM17, MultiRange, SVOCs, pH added 2/21/17 STAT. STLC Cr added 3/6/17.

Work Order: 1702812
QC Level: LEVEL 2
Date Logged: 2/15/2017
Date Add-On: 3/6/2017

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1702812-001A	MW-5D-1DW	Soil	SW6020 (Chromium) (STLC)	1	Stainless Steel tube 2"x6"	2/14/2017 13:35	5 days*		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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www.mccampbell.com / main@mccampbell.com
Telephone: (877) 252-9262 / Fax: (925) 252-9269

1702812

RUSH

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH [X] 1 DAY [X] 2 DAY [ ] 3 DAY [ ] DAY [ ]
GeoTracker EDF [ ] PDF [ ] EDD [ ] Write On (DW) [ ] Bulk [ ] 10 DAY [ ]
Effluent Sample Requiring "J" flag [ ] UST Clean Up Fund Project [ ] Comm #

Report To: Cheri Page	Bill To: Walter Beach, Harris & Lee
Company: Harris & Lee	120 Ross Valley Drive
1724 Capella Court	San Rafael, CA 94901
	E-Mail: cheri@hlenv.com
Tele: (707) 766-0606	Fax: (866)873-4361
Project #:	Project Name: 761 Sebastopol Rd
Project Location: 761 Sebastopol Rd	Purchase Order #
Sampler Signature:	

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX: Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED: HCL	HNO3	Other	Analysis Request: BTEX/ MTBE & TPH as Gas (8021/ 8015)	TPH as Diesel (8015) + eqs, motor oil	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505 / 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	BTEX/ MTBE & TPH as Gas (8260)	EPA 524.2 / 624 / (8260 VOCs) 8010 list	EPA 525.2 / 625 / (8270 SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Metals (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	Lead (total)	Soluble Lead (STLC) Cr 3/6/17	Soluble Lead (TCLP)	pH
		2017																																	
MW-5D-IDW		2/14	1335*	1					1								X								X	X		X					X		X

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
	2/15	9:05	
Relinquished By:	Date:	Time:	Received By:
	2-15	1545	
Relinquished By:	Date:	Time:	Received By:

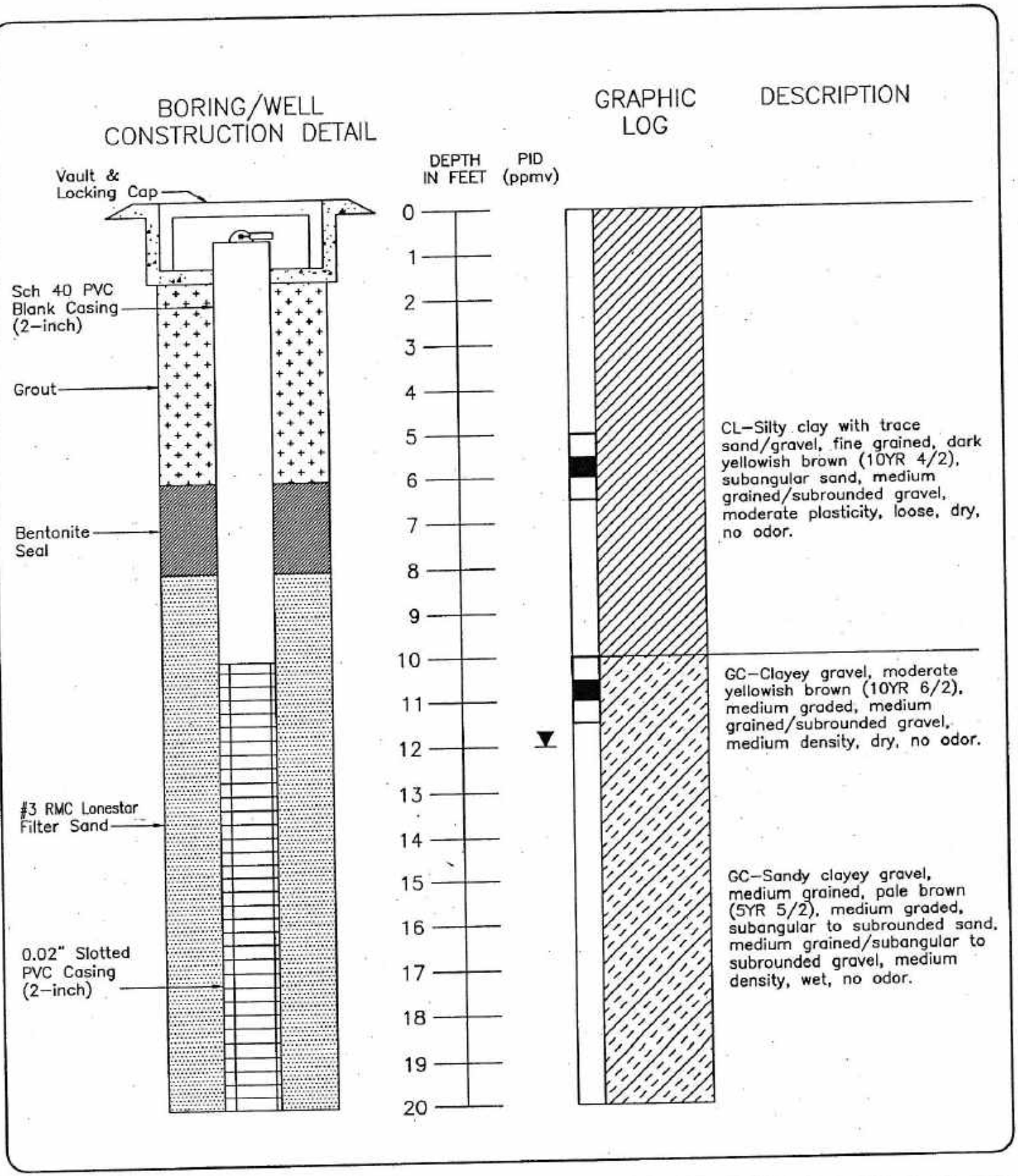
ICE/T: 1.2°
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

VOAS O&G METALS OTHER HAZARDOUS:
PRESERVATION pH<2

COMMENTS:
*Time taken From Container
added 2/21/17 STAT

Appendix H

CPT and Monitoring Well Boring Logs, 2017



EXPLANATION:

- Water level during drilling
- Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- est K — Estimated permeability (hydraulic conductivity) 1K=primary, 2K=secondary
- NR — No recovery

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

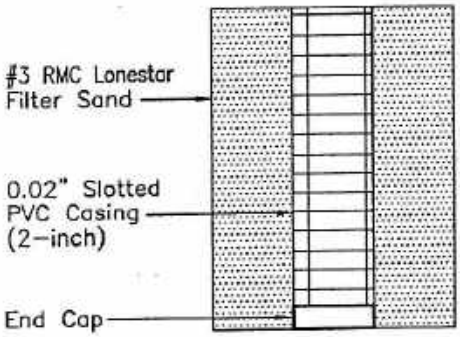
APEX ENVIROTECH, INC.

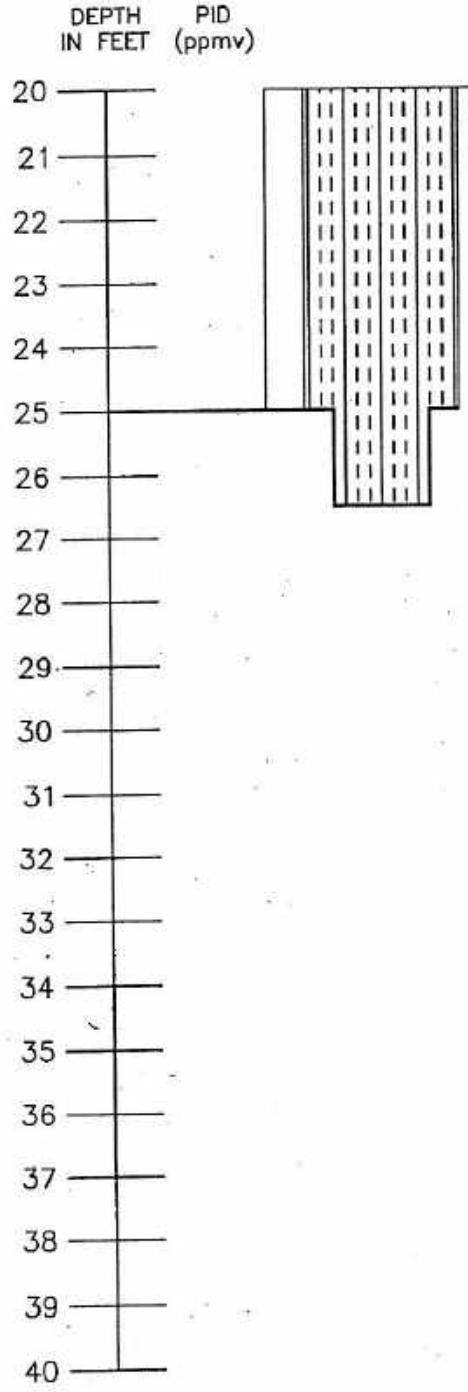
Boring/Well Log Details MW-1	Job No. BAU01.001
Former Hill/Roseland/Payless Cleaners 761 Sebastopol Road Santa Rosa, California 8/11/03	BORING/WELL **MW-1**

BORING/WELL CONSTRUCTION DETAIL

GRAPHIC LOG

DESCRIPTION





GM–Sandy gravel, medium grained sand, medium grained gravel, pale brown (5YR 5/2), medium graded, subangular to subrounded sand, subangular to subrounded gravel, medium density, saturated, no odor.

Pockets of light olive brown (5Y 5/6) clay (weathered serpentinite).

Total depth = 25 feet.

NOTE: Bottom 18" Of Lithology Obtained From Sampler.

EXPLANATION:

- Water level during drilling
- Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- est K Estimated permeability (hydraulic conductivity) 1K=primary, 2K=secondary
- NR No recovery

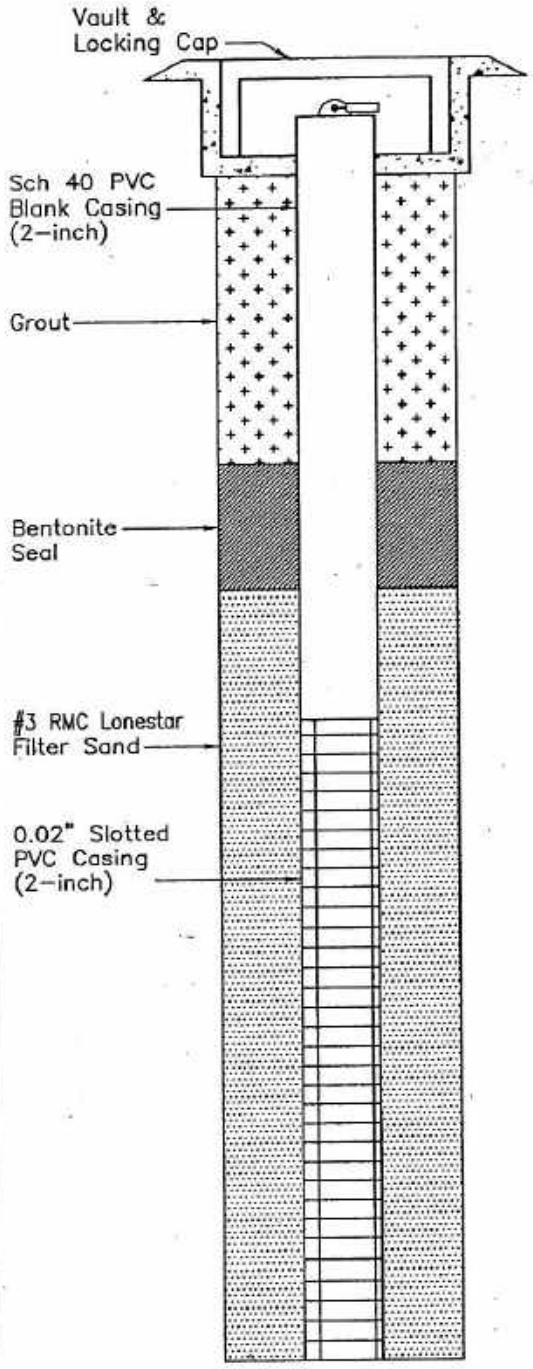
CONTACTS:

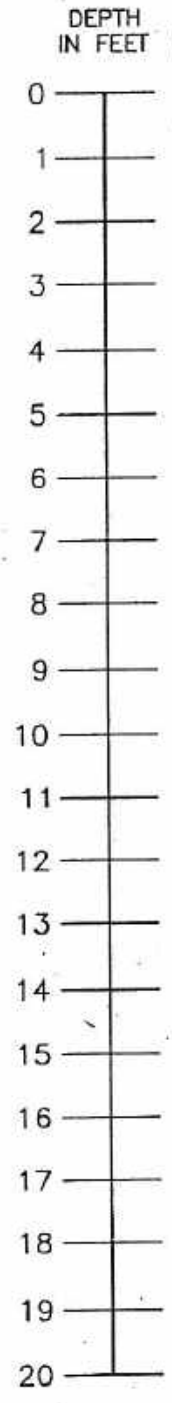
- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

APEX ENVIROTECH, INC.

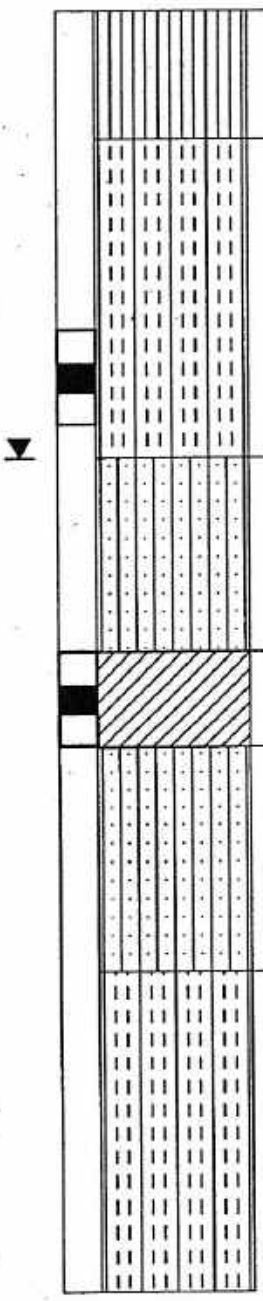
Boring/Well Log Details MW–1	Job No. BAU01.001
Former Hill/Roseland/Payless Cleaners 761 Sebastopol Road Santa Rosa, California 8/11/03	BORING/ WELL **MW-1**

BORING/WELL CONSTRUCTION DETAIL





GRAPHIC LOG



DESCRIPTION

ML—Silt with clay and some gravels, fine grained gravel, black, subangular gravel, slight plasticity, medium density, dry, no odor.

GM—Sandy gravel with silt, very fine to medium grained sand, fine to medium grained gravel, medium browns, subangular to rounded sand, subangular to rounded gravel, no plasticity, loose, dry, no odor.

Increasing sand, very loose, no odor.

SM—Silty sand with clay and occasional gravel, fine to coarse grained sand, fine grained gravel, medium brown, well graded, subangular to subrounded sand, subrounded gravel, low plasticity, medium density, wet to saturated, no odor.

CL—Clay with occasional gravel, very fine grained gravel, pale yellowish brown, no plasticity, very hard, dry, no odor.

SM—Silty sand, fine grained sand, light brown, subangular to subrounded sand, no plasticity, loose, very moist, no odor.

GM—Gravels with sand, silt and clay, fine to medium grained sand, medium to very coarse grained gravel, silts/clay are light brown, angular to subrounded gravel, no plasticity, very hard, very moist, no odor.

EXPLANATION:

- ▼ Water level during drilling
- ▽ Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- est K Estimated permeability (hydraulic conductivity) 1K=primary, 2K=secondary
- NR No recovery

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

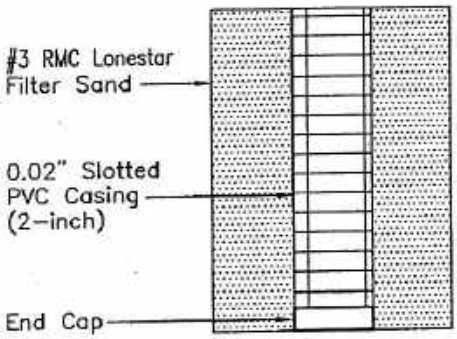
APEX ENVIROTECH, INC.

Boring/Well Log Details MW-2	Job No. BAU01.001
Former Hill/Roseland/Payless Cleaners 761 Sebastopol Road Santa Rosa, California 8/27/03	BORING/ WELL **MW-2**

BORING/WELL CONSTRUCTION DETAIL

GRAPHIC LOG

DESCRIPTION



DEPTH IN FEET | PID (ppmv)

20
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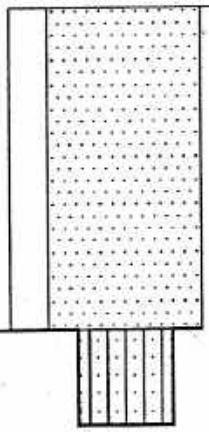


SW—Sand with trace silt and occasional gravel, very fine to very coarse grained sand, very fine grained gravel, pale yellowish brown, well graded, very angular to subangular sand, subrounded to rounded gravel, no plasticity, loose, wet, no odor.

Light brown, no odor.
Total depth = 25 feet.

SM—Silty sand with occasional gravel, very fine to very coarse grained sand, light brown, well graded, angular to subrounded sand, no plasticity, medium density, moist, no odor.

NOTE: Bottom 18" Of Lithology Obtained From Sampler.

EXPLANATION:

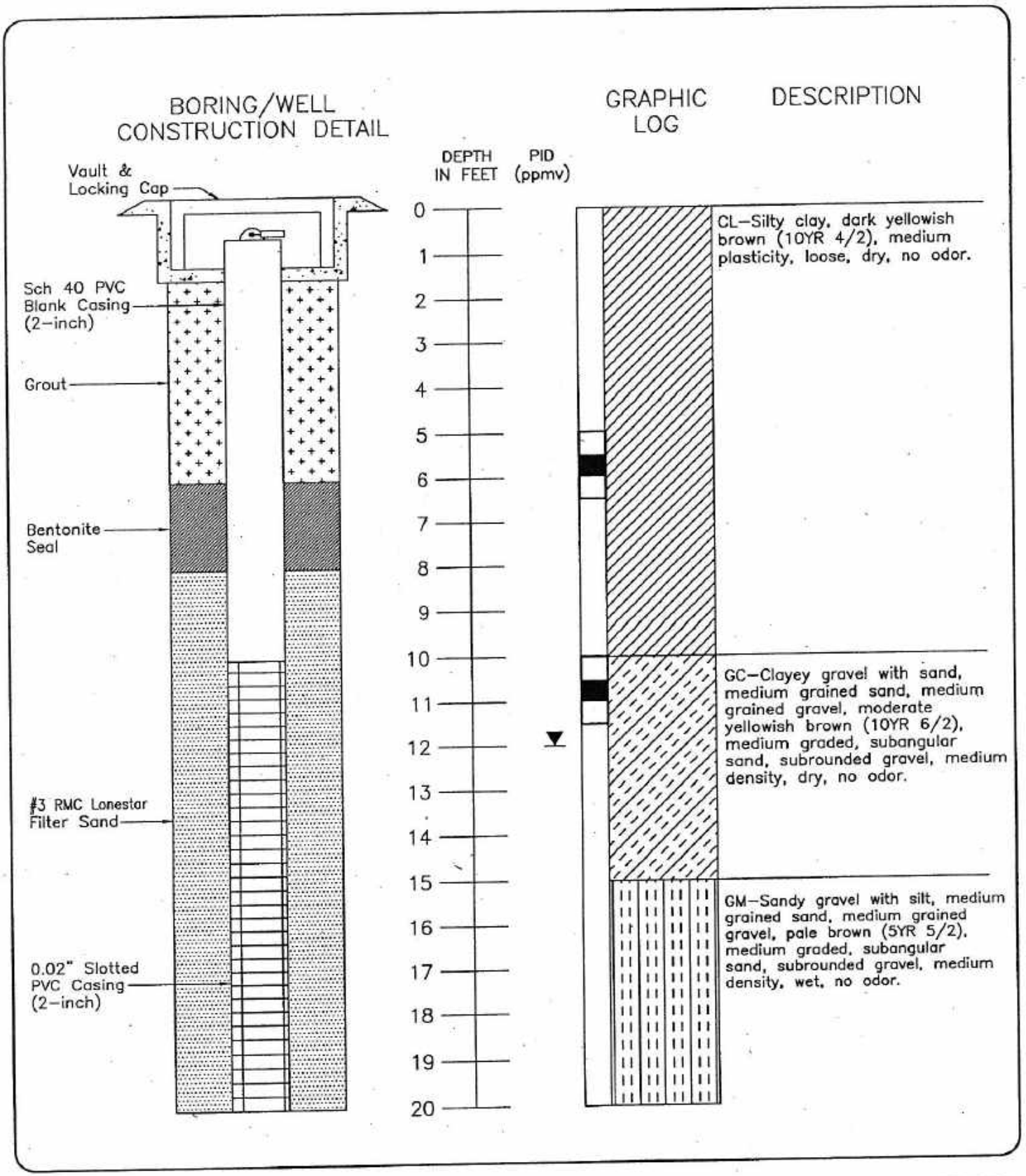
- Water level during drilling
- Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- est K — Estimated permeability (hydraulic conductivity) 1K=primary, 2K=secondary
- NR — No recovery

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

APEX ENVIROTECH, INC.

Boring/Well Log Details MW-2	Job No. BAU01.001
Former Hill/Roseland/Payless Cleaners 761 Sebastopol Road Santa Rosa, California 8/27/03	BORING/ WELL **MW-2**



EXPLANATION:

- Water level during drilling
- Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- est K — Estimated permeability (hydraulic conductivity) 1K=primary, 2K=secondary
- NR — No recovery

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

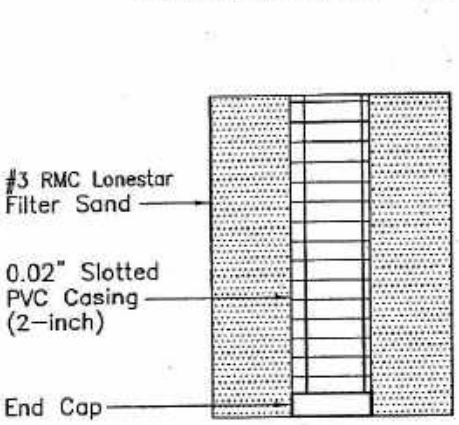
APEX ENVIROTECH, INC.

Boring/Well Log Details MW-3	Job No. BAU01.001
Former Hill/Roseland/Payless Cleaners 761 Sebastopol Road Santa Rosa, California 8/11/03	BORING/ WELL **MW-3**

BORING/WELL CONSTRUCTION DETAIL

GRAPHIC LOG

DESCRIPTION



DEPTH IN FEET | PID (ppmv)

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GM–Sandy gravel with silt, medium grained sand, medium grained gravel, pale brown (5YR 5/2), medium graded, subangular sand, subrounded gravel, medium density, saturated, no odor.

Total depth = 25 feet.

Subangular to subrounded sand, subangular to subrounded gravel.

NOTE: Bottom 18" Of Lithology Obtained From Sampler.

EXPLANATION:

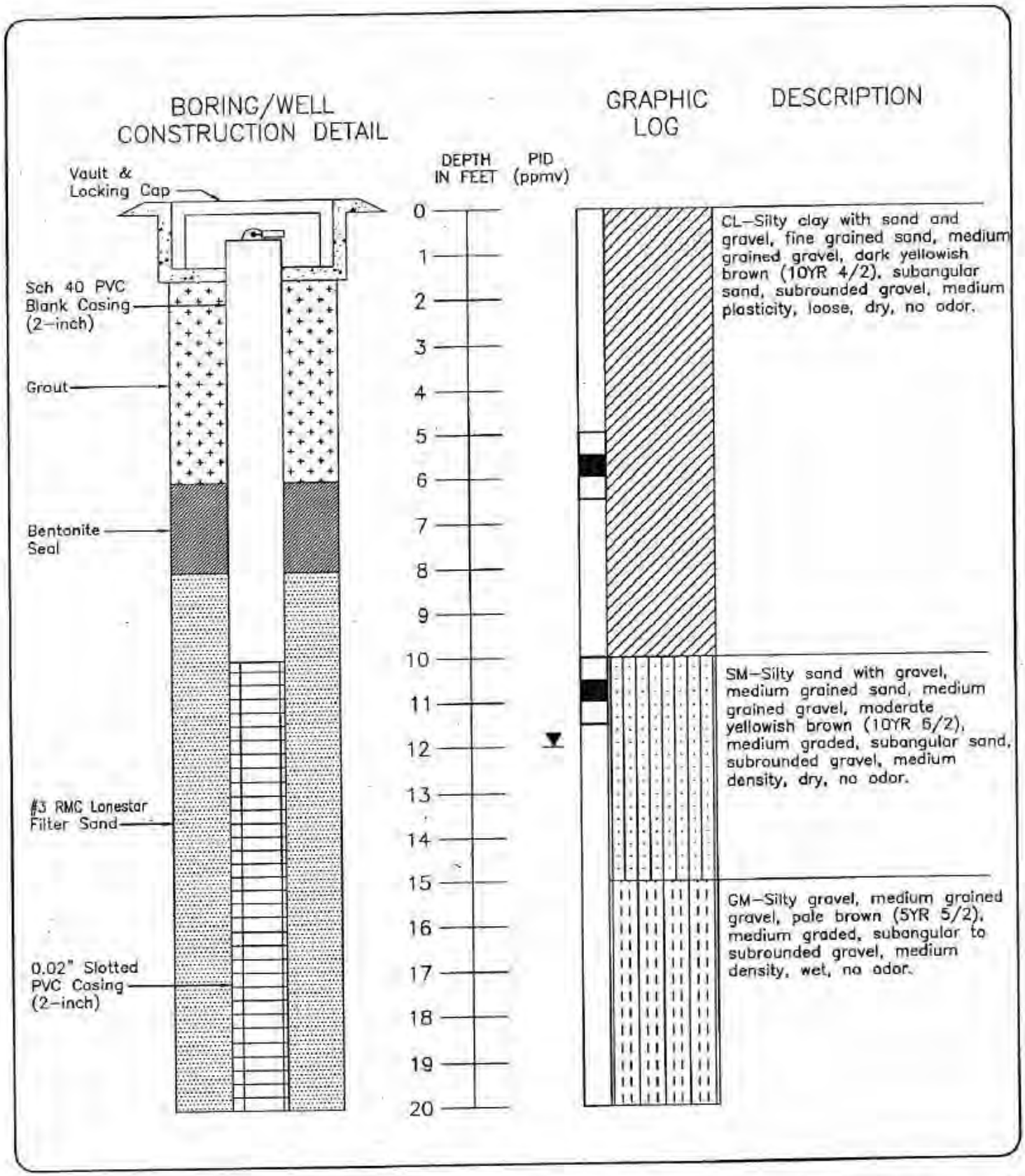
- Water level during drilling
- Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- est K Estimated permeability (hydraulic conductivity) 1K=primary, 2K=secondary
- NR No recovery

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

APEX ENVIROTECH, INC.

Boring/Well Log Details MW-3	Job No. BAU01.001
Former Hill/Roseland/Payless Cleaners 761 Sebastopol Road Santa Rosa, California 8/11/03	BORING/ WELL **MW-3**



EXPLANATION:

- Water level during drilling
- Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- est K Estimated permeability (hydraulic conductivity) 1K=primary, 2K=secondary
- NR No recovery

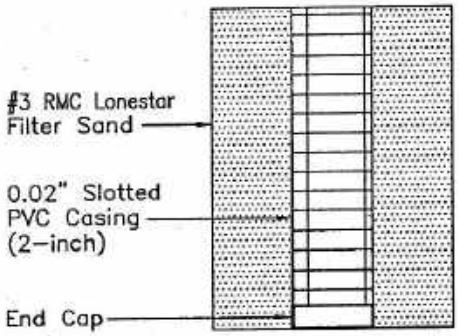
CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

APEX ENVIROTECH, INC.

Boring/Well Log Details MW-4	Job No. BAU01.001
Former Hill/Roseland/Payless Cleaners 761 Sebastopol Road Santa Rosa, California 8/11/03	BORING/WELL **MW-4**

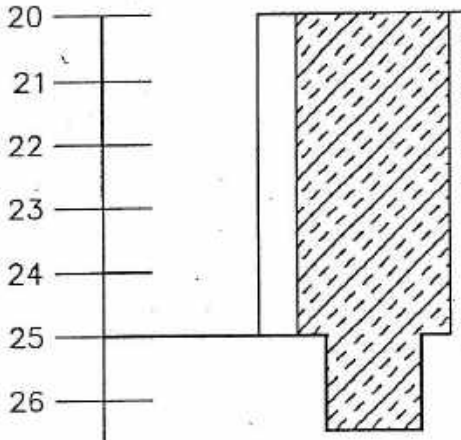
BORING/WELL CONSTRUCTION DETAIL



GRAPHIC LOG

DESCRIPTION

DEPTH IN FEET | PID (ppmv)



GC–Clayey gravel with sand, medium grained sand, medium grained gravel, pale brown (5YR 5/2), medium graded, subangular sand, subangular to subrounded gravel, medium density, saturated, no odor.

Total depth = 25 feet.

NOTE: Bottom 18" Of Lithology Obtained From Sampler.

EXPLANATION:

- Water level during drilling
- Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- est K Estimated permeability (hydraulic conductivity) 1K=primary, 2K=secondary
- NR No recovery

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

APEX ENVIROTECH, INC.

Boring/Well Log Details MW–4	Job No. BAU01.001
Former Hill/Roseland/Payless Cleaners 761 Sebastopol Road Santa Rosa, California 8/11/03	BORING/ WELL **MW-4**

APEX ENVIROTECH, INC.
11244 Pyrites Way
Gold River, Ca 95670

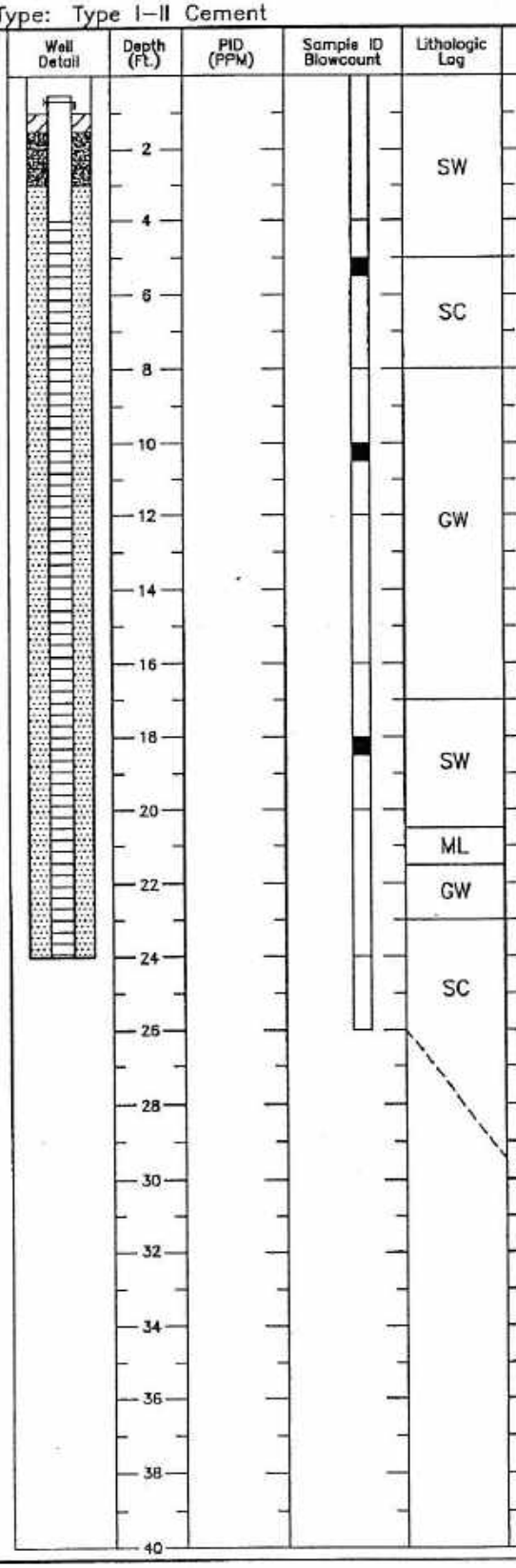
BORING/WELL NO: MW-5

Project: Former Hill/Roseland/ Payless Cleaners | Location: 761 Sebastopol Road Santa Rosa, CA | Project # BAU01.001

Date Drilled: 12-19-05 | Logged By: Cheryl Martin | Reviewed By:

Drilling Company: Woodward Drilling Co., Inc. | Driller: Jason | Method: Direct Push/Hollow Stem Auger

Bore Hole Diameter:	8	In.	Depth Drilled:	26	Ft.	Depth To Water: Initial:	N/A	Ft. Static:	N/A Ft.
Casing Type:	PVC	Diameter:	2	In.	Schedule:	40	Interval:	0.5 Ft. To:	4 Ft.
Screen Type:	PVC	Diameter:	2	In.	Slot Size:	0.020 In.	Interval:	4 Ft. To:	24 Ft.
Filter Pack Type:	#3 Sand						Interval:	3 Ft. To:	24 Ft.
Seal Type:	Bentonite						Interval:	3 Ft. To:	1.5 Ft.
Grout Type:	Type I-II Cement						Interval:	1 Ft. To:	1.5 Ft.



Lithologic Log	Description
SW	Gravelly Sand, Dusky Yellowish Brown, Well Graded, Slightly Plastic, Damp, No Odor
SC	Sand With Clay, Dark Yellowish Brown, Well Graded, Medium To Very Coarse Sand, Angular To Subrounded, Loose, Moist To Wet, No Odor
GW	Sandy Gravel, Dark Yellowish Brown, Well Graded, Medium To Very Coarse Sand, Angular To Rounded, Very Fine To Very Coarse Gravel, Angular To Rounded, Loose, Wet, No Odor
SW	Gravelly Sand, Dark Yellowish Brown, Well Graded, Medium To Very Coarse Sand, Angular To Rounded, Very Fine To Fine Gravel, Wet, No Odor
ML	Clayey Silt With Sand, Moderate Yellowish Brown/Dark Yellowish Orange, Dense, Wet, No Odor
GW	Sandy Gravel, Moderate Yellowish Brown/Dark Yellowish Brown, Well Graded, Medium To Very Coarse Sand, Angular To Rounded, Very Fine To Fine Gravel, Angular To Rounded, Loose, Wet, No Odor
SC	Clayey Sand With Gravel, Moderate Yellowish Brown, Moderately Dense, Wet, No Odor Decrease In Gravel, Dense To Moderately Dense

LEGEND

Explanation:

- Water Level During Drilling
- Water Level In Completed Well
- Location Of Recovered Drill Sample
- Location Of Sample Sealed For Chemical Analysis
- NR No Recovery
- Grout
- Sand
- Bentonite
- Screen

Contacts:

- Solid Where Certain
- Dotted Where Approximate
- Dashed Where Uncertain
- Hachured Where Gradational

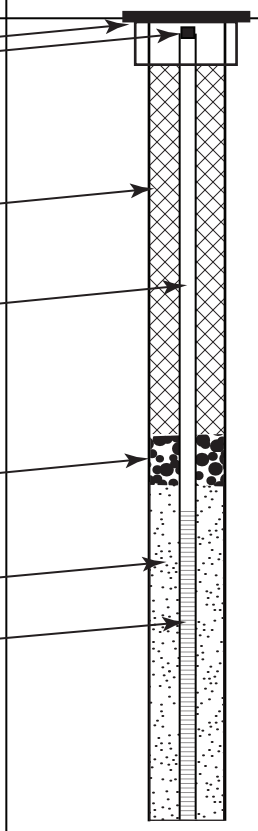
EQUIPMENT: Auger Rig

LOGGED BY: DLB DATE: 9/1/11

DRILLER: Gregg Drilling & Testing, Inc.

EXPLANATION

WELL CONSTRUCTION DETAIL



Flush mounted, traffic rated Christy Box with locking well cap.

Bentonite grout

2-inch diameter PVC well casing

Bentonite chips

2/12 sand

2-inch diameter 0.02 slot well screen, cap on bottom

Soil Sample for Lithology

Groundwater Interface

Groundwater	Blows	Soil Sample ID	Depth (ft)	SAMPLE LOCATION	Graphic Log	
			0			Asphalt
						Brown silty sand and gravel (fill)
			5			Reddish-brown silty clay with coarse sand (CL-ML), soft, damp
			10			Brown silty clay, little to no sand (CL-CH), stiff, damp
			15			
▽						Increase moisture, light brown-tan silty clay with sand (CL)
			20			Brown-tan, fine silty sand (SM), saturated
	2 3 2			⊠		
			25			TOTAL DEPTH: 25 ft bgs, set monitoring well casing to 25 ft bgs.
			30			
			35			
			40			
			45			
			50			

Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: NOV 2011

MW-6 LITHOLOGIC BORING LOG

REPORT:
September 29, 2011
Quarterly Groundwater Monitoring
Former Roseland Cleaners
761 Sebastopol Road, Santa Rosa, California

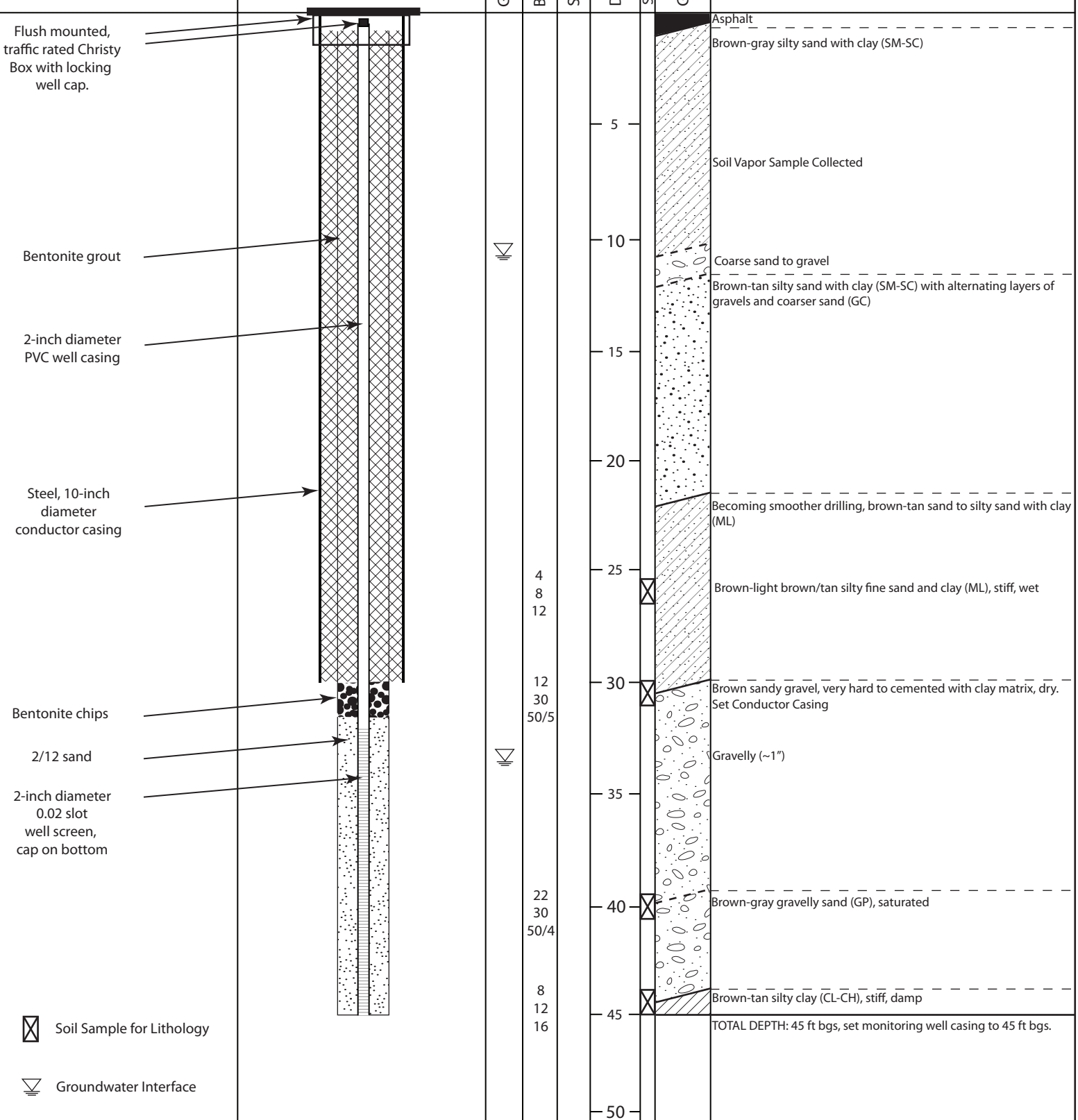
PLATE

7

EQUIPMENT: Mud Rotary Rig

LOGGED BY: MWS/DLB DATE: 8/31 & 9/2/11

DRILLER: Gregg Drilling & Testing, Inc.



Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: NOV 2011

MW-1d LITHOLOGIC BORING LOG

REPORT:
September 29, 2011
Quarterly Groundwater Monitoring
Former Roseland Cleaners
761 Sebastopol Road, Santa Rosa, California

PLATE
5

APEX ENVIROTECH, INC.
11244 Pyrites Way
Gold River, Ca 95670

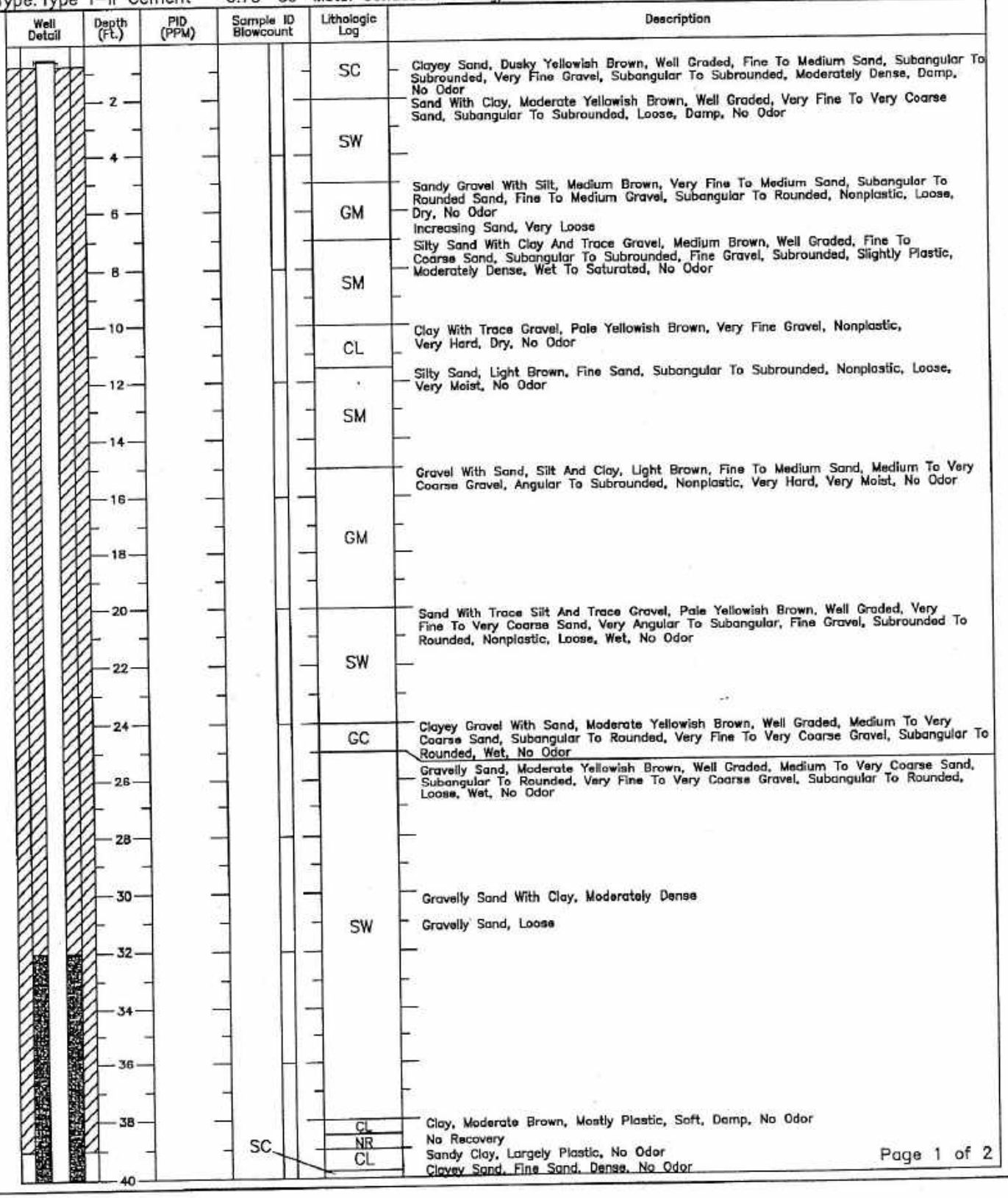
BORING/WELL NO: MW-2D

Project: Former Hill/Roseland/ Payless Cleaners | Location: 761 Sebastopol Road Santa Rosa, California | Project # BAU01.001

Date Drilled: 12-19-05/12-20-05 | Logged By: Cheryl Martin | Reviewed By:

Drilling Company: Woodward Drilling Co., Inc. | Driller: Jason/Amador | Method: Direct Push/Hollow Stem Auger

Bore Hole Diameter:	8"	In.	Depth Drilled:	56	Ft.	Depth To Water:	Initial:		Ft. Static: N/A Ft.
Casing Type:	PVC	Diameter:	4	In.	Schedule:	40	Interval:	0.5 Ft.	To: 46 Ft.
Screen Type:	PVC	Diameter:	4	In.	Slot Size:	0.020 In.	Interval:	46 Ft.	To: 54 Ft.
Filter Pack Type:	#3 Sand						Interval:	44 Ft.	To: 56 Ft.
Seal Type:	Bentonite						Interval:	32 Ft.	To: 44 Ft.
Grout Type: Type I-II Cement	0.75'-39' Metal Conductor Casing/15" Diameter Hole						Interval:	0.75 Ft.	To: 32 Ft.

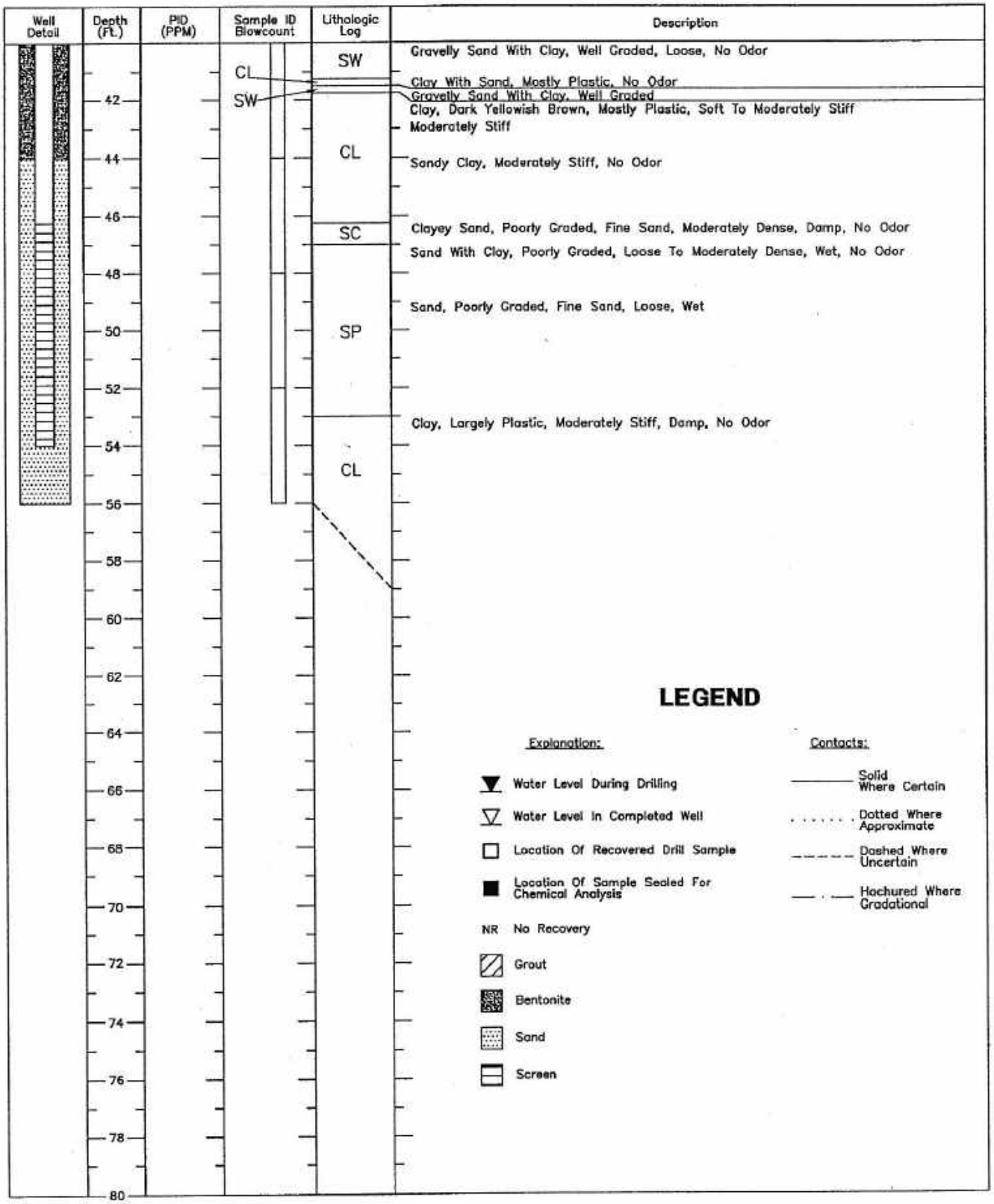


APEX EMROTECH, INC.
11244 Pyrites Way
Gold River, Ca 95670

BORING/WELL NO: MW-2D

Project: Former Hill/Roseland/ Payless Cleaners
Location: 761 Sebastopol Road Santa Rosa, California
Project # BAU01.001

Comments:



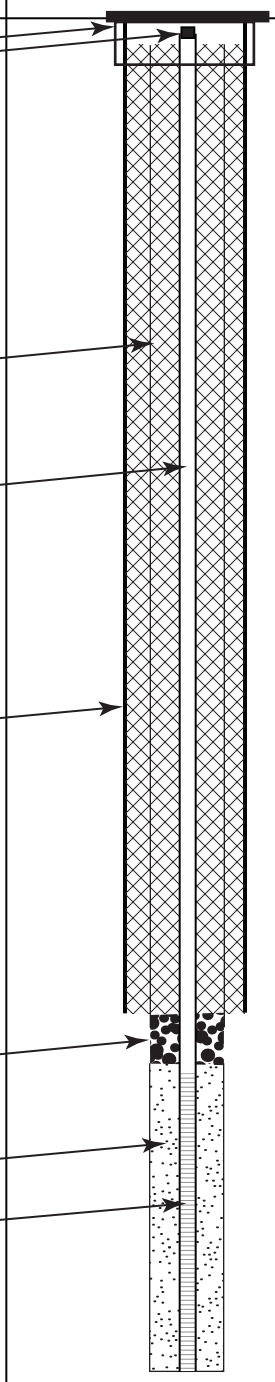
EQUIPMENT: Mud Rotary Rig

LOGGED BY: DLB DATE: 8/31 & 9/2/11

DRILLER: Gregg Drilling & Testing, Inc.

EXPLANATION

WELL CONSTRUCTION DETAIL



Flush mounted, traffic rated Christy Box with locking well cap.

Bentonite grout

2-inch diameter PVC well casing

Steel, 10-inch diameter conductor casing

Bentonite chips

2/12 sand

2-inch diameter 0.02 slot well screen, cap on bottom

Soil Sample for Lithology

Groundwater Interface

Groundwater	Blows	Soil Sample ID	Depth (ft)	SAMPLE LOCATION	Graphic Log	
			0			Asphalt
						Brown-gray silty sand and gravel (fill)
						Gravelly (~1")
			5			Dark brown-tan mottled silty clay with fine sand (CL)
			10			
▽						Dark brown silty sand with gravel (SP-GP), wet
			15			
			20			
						Brown-light brown/tan silty clay with fine sand (CL), stiff, damp
			25			
			30			
▽						Brown sandy gravel, very hard to cemented with clay matrix, dry. Set Conductor Casing at 31 ft bgs
			35			
			40			Brown-tan silty clay (CL-CH), stiff, damp
			45			
			50			

TOTAL DEPTH: 42 ft bgs, set monitoring well casing to 42 ft bgs. This well was installed in the same location as CPT-11. Therefore, no lithologic samples were collected since lithology was known at this locations. Visual verification during drilling is noted.

Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: NOV 2011

MW-3d LITHOLOGIC BORING LOG

REPORT:
September 29, 2011
Quarterly Groundwater Monitoring
Former Roseland Cleaners
761 Sebastopol Road, Santa Rosa, California

PLATE

6

Harris & Lee
Environmental Sciences, LLC

LOG OF BORING MW-5D

Sheet 1 of 2

PROJECT: Former Roseland Cleaners, 761 Sebastopol Road, Santa Rosa, California

Start Date	2/14/17	Finish Date	2/14/17	Total Depth Drilled (ft bgs)	45.0		
Drilling Method	Hollow-Stem Auger	Drilling Contractor	Clearheart Drilling	Ground Surface Elevation (ft MSL)	Not available		
Drill Rig	DR 10K	Sampling Method	CA Modified Sampler 2-inch	Borehole Diameter	8-inches		
Borehole Backfill	Not applicable	Hammer Weight/Drop	140 lb/30 inch	Logger	C. Page	Reviewer	PG 5288
Coordinates		Remarks					

Well Construction	Depth (feet)	PID Reading (ppm)	Blow Counts	Graphic Log	MATERIAL DESCRIPTION	FIELD NOTES
Traffic-Rated Cristy Box	0	0			3" Asphalt	Hand augered to 5 feet bgs
					Sandy SILT (ML), dark brown, moist, >15 % angular gravel	
	5	0	2 2 2		SILT with sand (ML), olive gray, moist to wet, >15 % fine to coarse sand, firm. Wet at 5.5 feet.	
Neat Cement Grout (0-25')		0	2 2 2		SAND with silt (SW), olive gray, wet, fine to coarse sand, loose to dense.	
		0	6 8 17 18			
	10	0	6 17 23			
2" Diameter Sch 40 PVC Riser		0	6 18 23			
		0	6 12 14 14		- No silt. Grading to SAND with gravel (SW), olive gray, wet, fine to coarse sand, with >15% gravel.	
	15	0	5 6 14			
		0	7 14 28			
		0	8 14 18 24			
	20	0	8 17 23		@21.5', sand flowing into augers when sampler removed.	Recovery in samples from 21.5 to 25 feet is sand slough.
		0	9 14 21			
		0	6 8 14 18			4 feet of slough in augers. Pulled augers and placed wood plug at toe. Drilled straight through to 45' bgs.
Time Release Bentonite Pellets (25-28')	25				@25.0', some dark brown clay mixed with sand on auger tips.	
Monterey #3 Sand Pack (28-45')					Bottom of boring at 45 feet bgs (Con't on Page 2)	
	30					

Harris & Lee
Environmental Sciences, LLC

LOG OF BORING MW-5D

Sheet 2 of 2

PROJECT: Former Roseland Cleaners, 761 Sebastopol Road, Santa Rosa, California

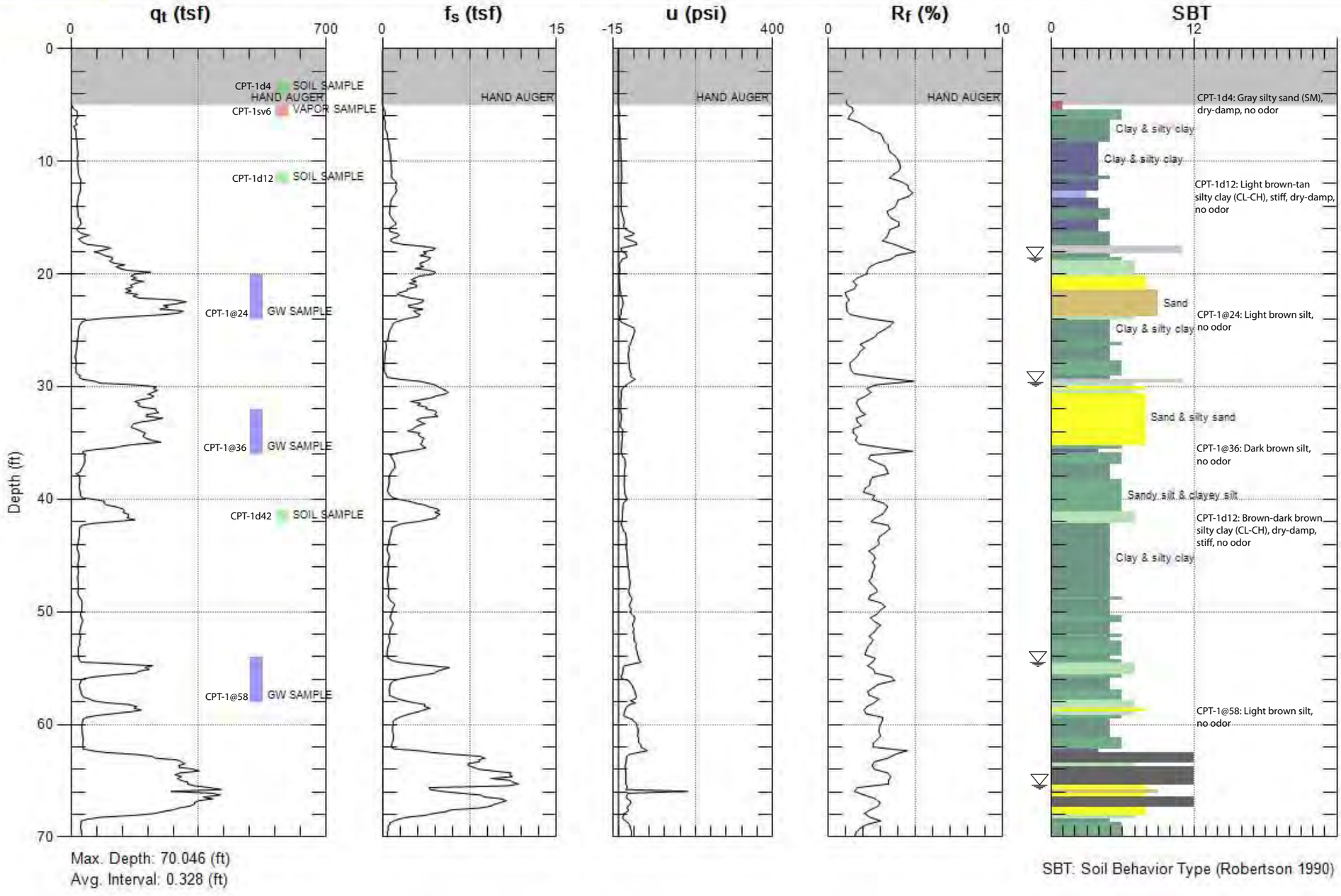
Start Date	2/14/17	Finish Date	2/14/17	Total Depth Drilled (ft bgs)	45.0		
Drilling Method	Hollow-Stem Auger	Drilling Contractor	Clearheart Drilling	Ground Surface Elevation (ft MSL)	Not available		
Drill Rig	DR 10K	Sampling Method	CA Modified Sampler 2-inch	Borehole Diameter	8-inches		
Borehole Backfill	Not applicable	Hammer Weight/Drop	140 lb/30 inch	Logger	C. Page	Reviewer	PG 5288
Coordinates		Remarks					

Well Construction	Depth (feet)	PID Reading (ppm)	Blow Counts	Graphic Log	MATERIAL DESCRIPTION	FIELD NOTES
2" Diameter Sch 40 PVC Riser; Monterey #3 Sand Pack (28-45'); 2-Inch Diameter 0.020-Slot, Sch. 40 PVC Well Screen (30-45')	30				(Con't) SAND with gravel (SW), olive gray, wet.	
	35				- gravel size increasing to 3-inch diameter	
	40				CLAY (CH), olive gray, moist, high plasticity, soft.	
	45				Bottom of boring at 45 feet bgs	
	50					
	55					
	60					

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-01 Date: 1/10/2011 10:01



Max. Depth: 70.046 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

LITHOLOGIC LOG OF CPT-1

Additional Site Characterization

Former Roseland Cleaners

761 Sebastopol Road, Santa Rosa, California

NC-RWQCB Case No. 1NSR403

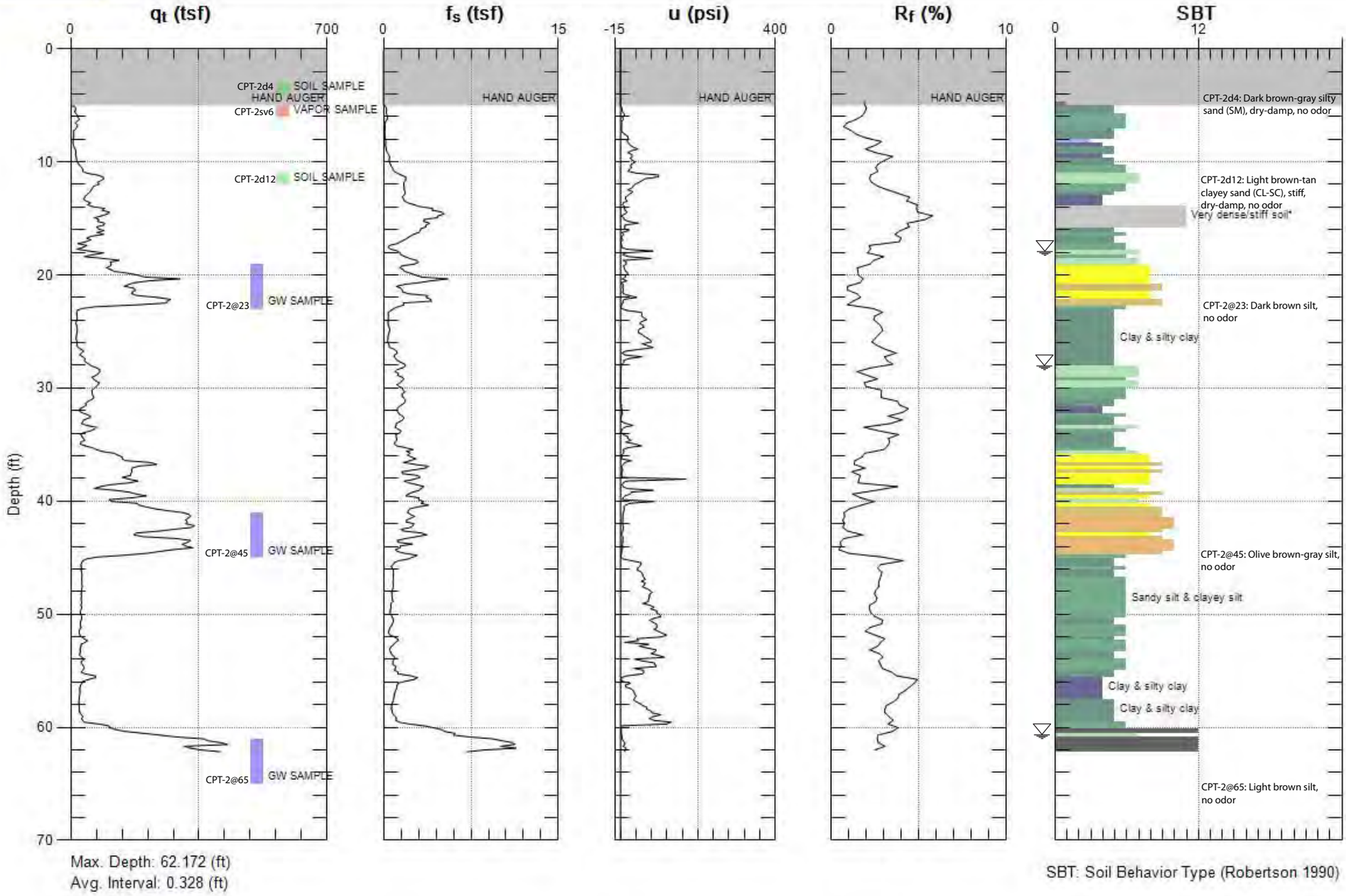
PLATE

9

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-02 Date: 1/13/2011 02:37



Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

LITHOLOGIC LOG OF CPT-2

Additional Site Characterization

Former Roseland Cleaners

761 Sebastopol Road, Santa Rosa, California

NC-RWQCB Case No. 1NSR403

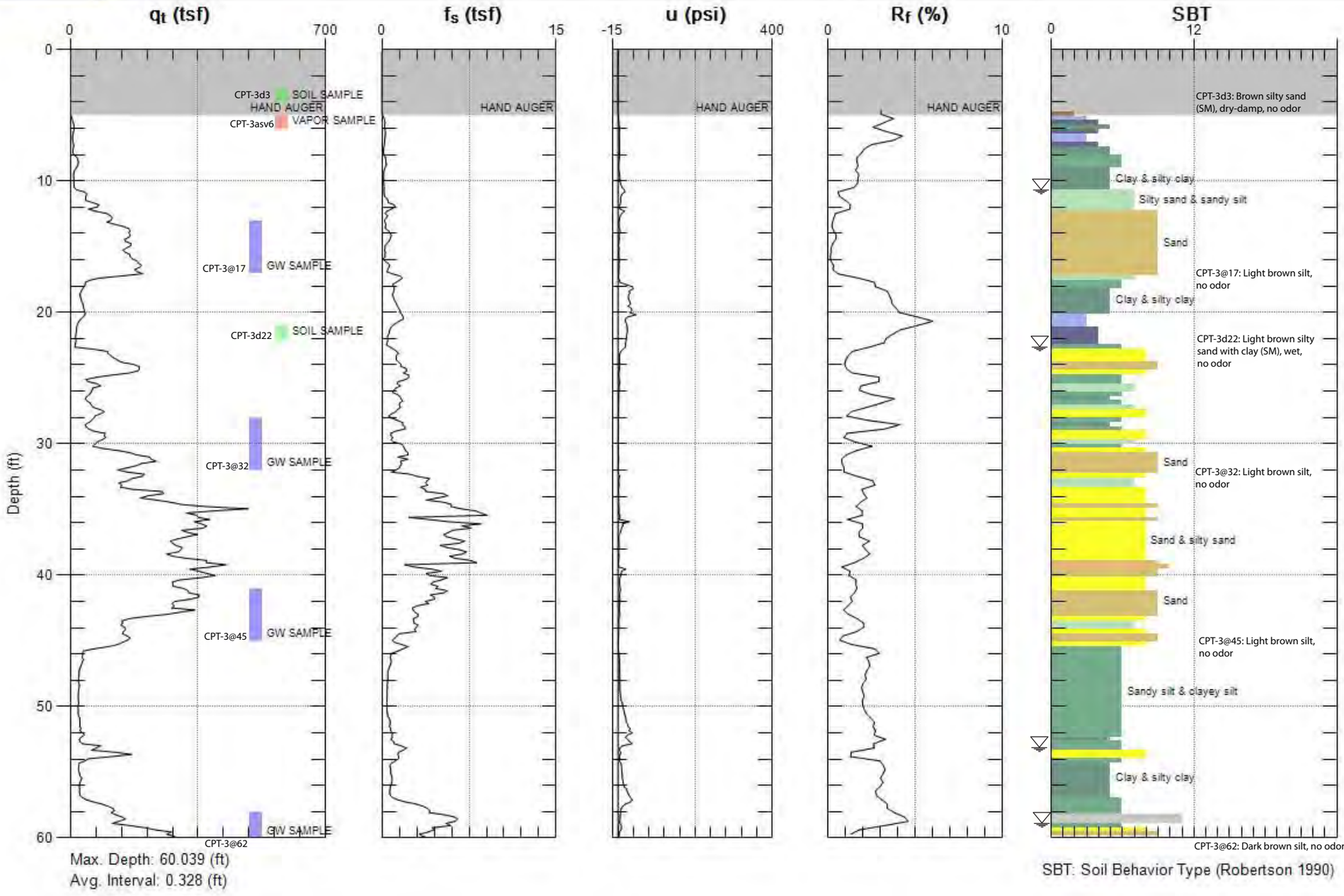
PLATE

10

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-03 Date: 1/10/2011 03:05



Max. Depth: 60.039 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

LITHOLOGIC LOG OF CPT-3

Additional Site Characterization

Former Roseland Cleaners

761 Sebastopol Road, Santa Rosa, California

NC-RWQCB Case No. 1NSR403

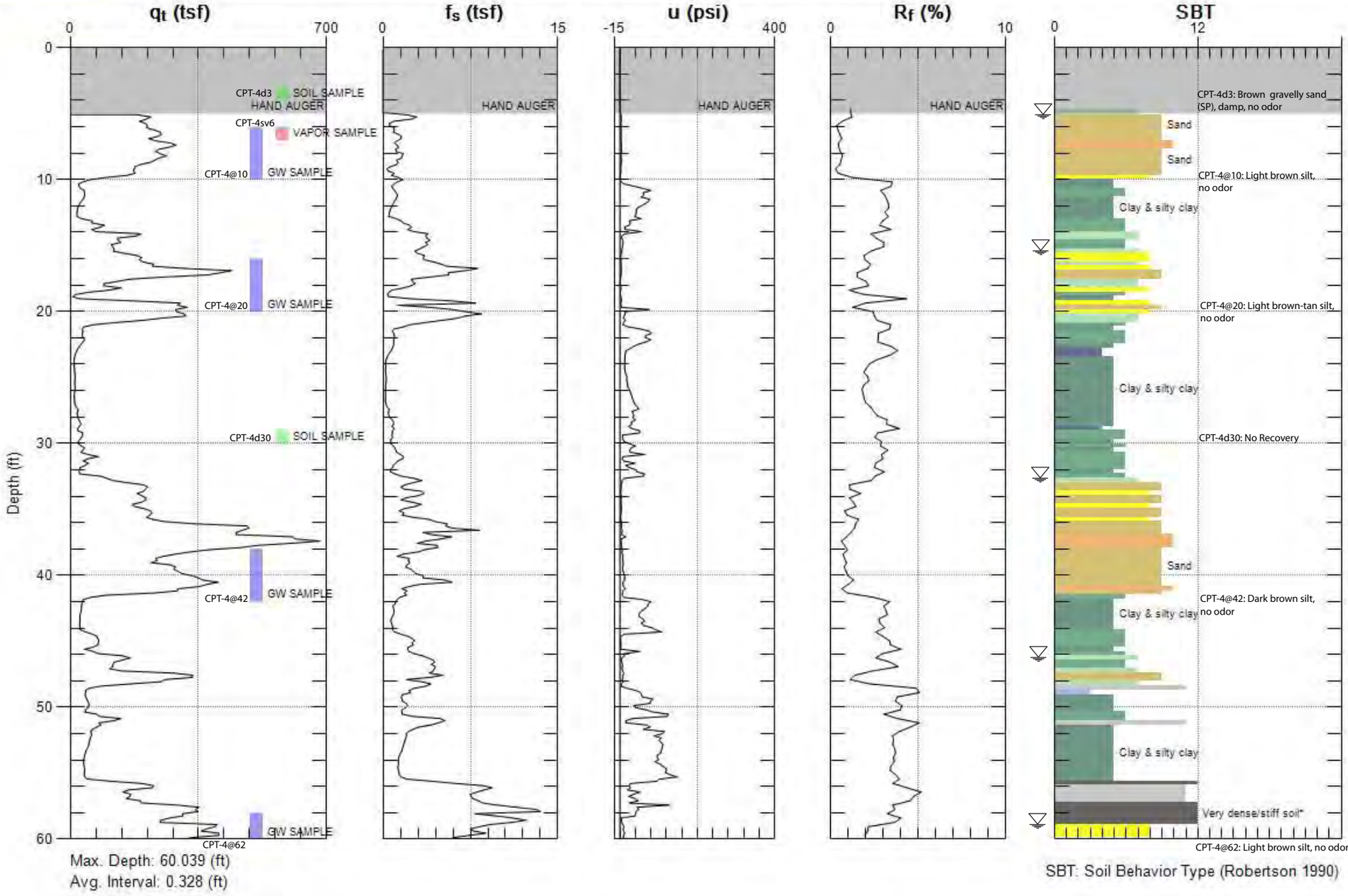
PLATE

11

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-04 Date: 1/11/2011 11:08



Max. Depth: 60.039 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

LITHOLOGIC LOG OF CPT-4

Additional Site Characterization

Former Roseland Cleaners

761 Sebastopol Road, Santa Rosa, California

NC-RWQCB Case No. 1NSR403

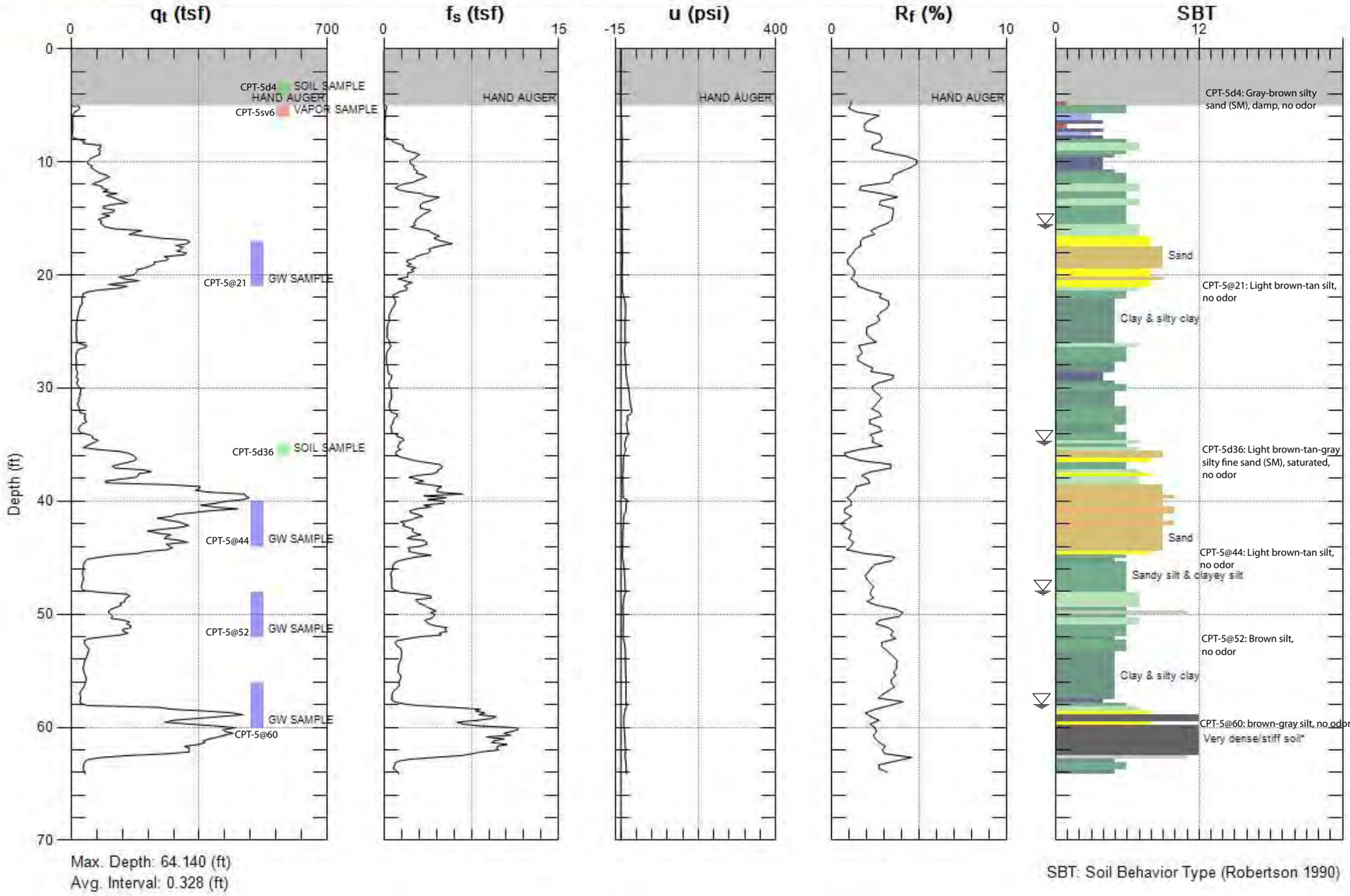
PLATE

12

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-05 Date: 1/12/2011 06:49



Max. Depth: 64.140 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

LITHOLOGIC LOG OF CPT-5

Additional Site Characterization

Former Roseland Cleaners

761 Sebastopol Road, Santa Rosa, California

NC-RWQCB Case No. 1NSR403

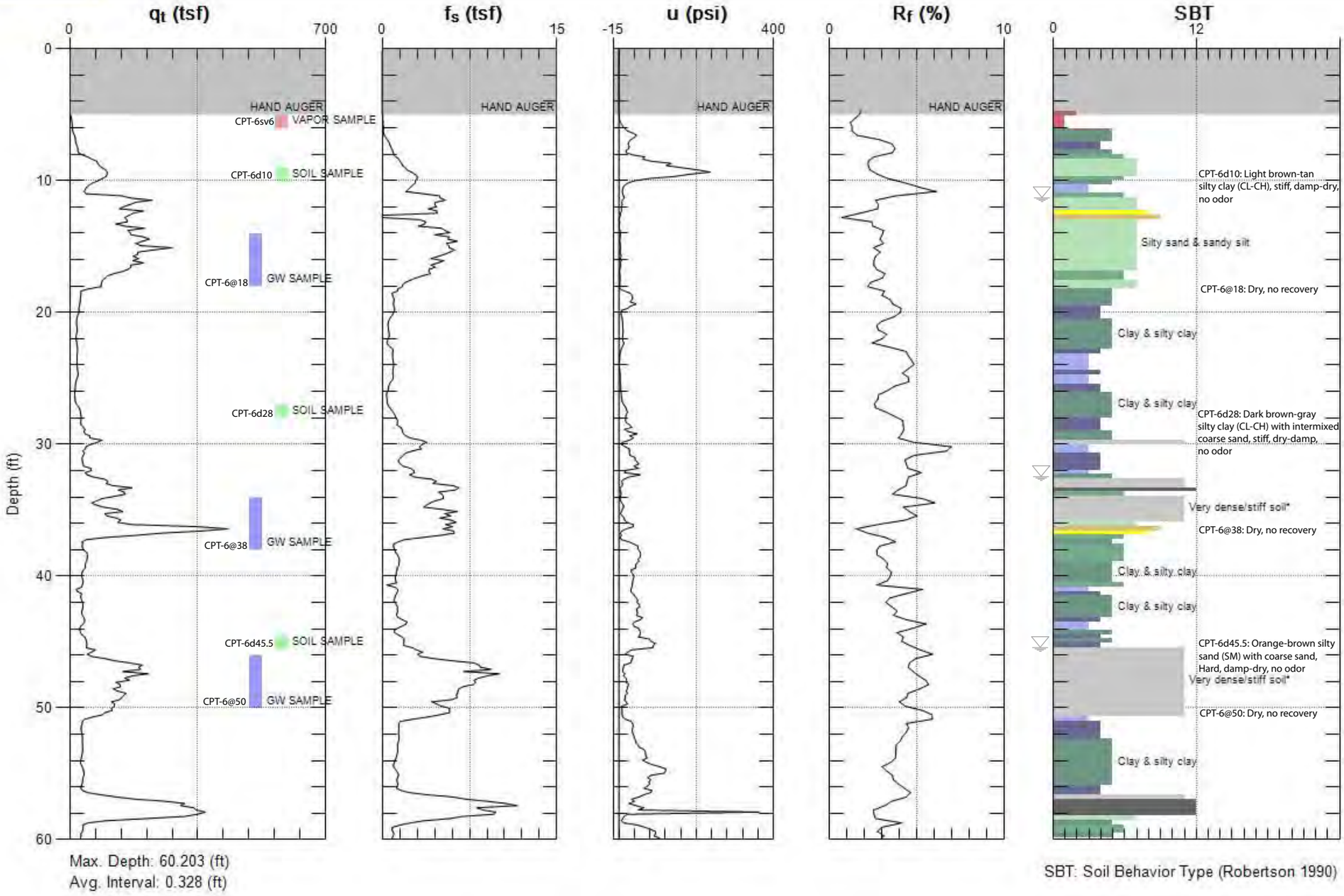
PLATE

13

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-06 Date: 1/12/2011 10:57



Max. Depth: 60.203 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

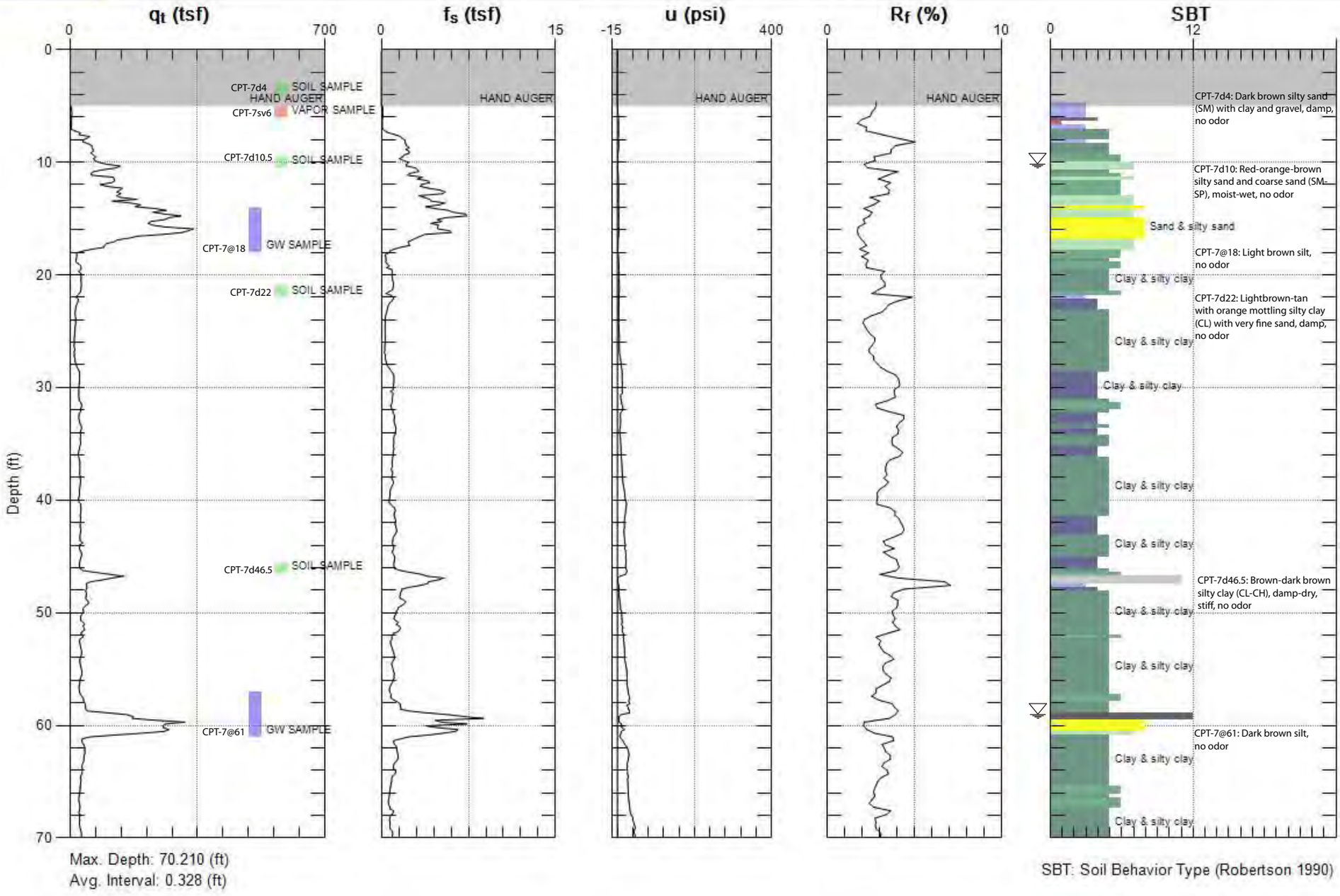
LITHOLOGIC LOG OF CPT-6
Additional Site Characterization
Former Roseland Cleaners
761 Sebastopol Road, Santa Rosa, California
NC-RWQCB Case No. 1NSR403

PLATE
14

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-07 Date: 1/12/2011 04:04



Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

LITHOLOGIC LOG OF CPT-7

Additional Site Characterization

Former Roseland Cleaners

761 Sebastopol Road, Santa Rosa, California

NC-RWQCB Case No. 1NSR403

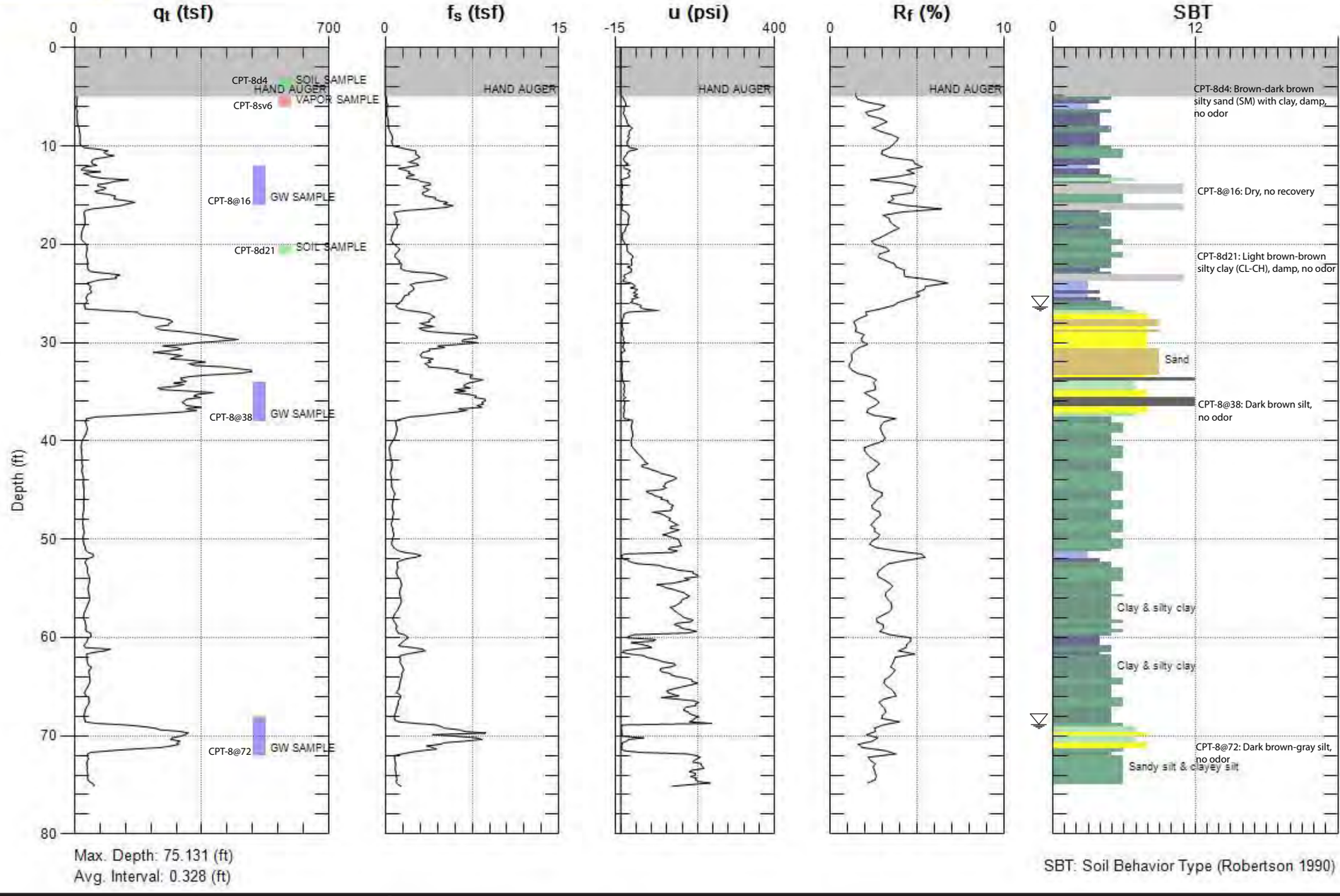
PLATE

15

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-08 Date: 1/13/2011 09:38



Max. Depth: 75.131 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

LITHOLOGIC LOG OF CPT-8

Additional Site Characterization

Former Roseland Cleaners

761 Sebastopol Road, Santa Rosa, California

NC-RWQCB Case No. 1NSR403

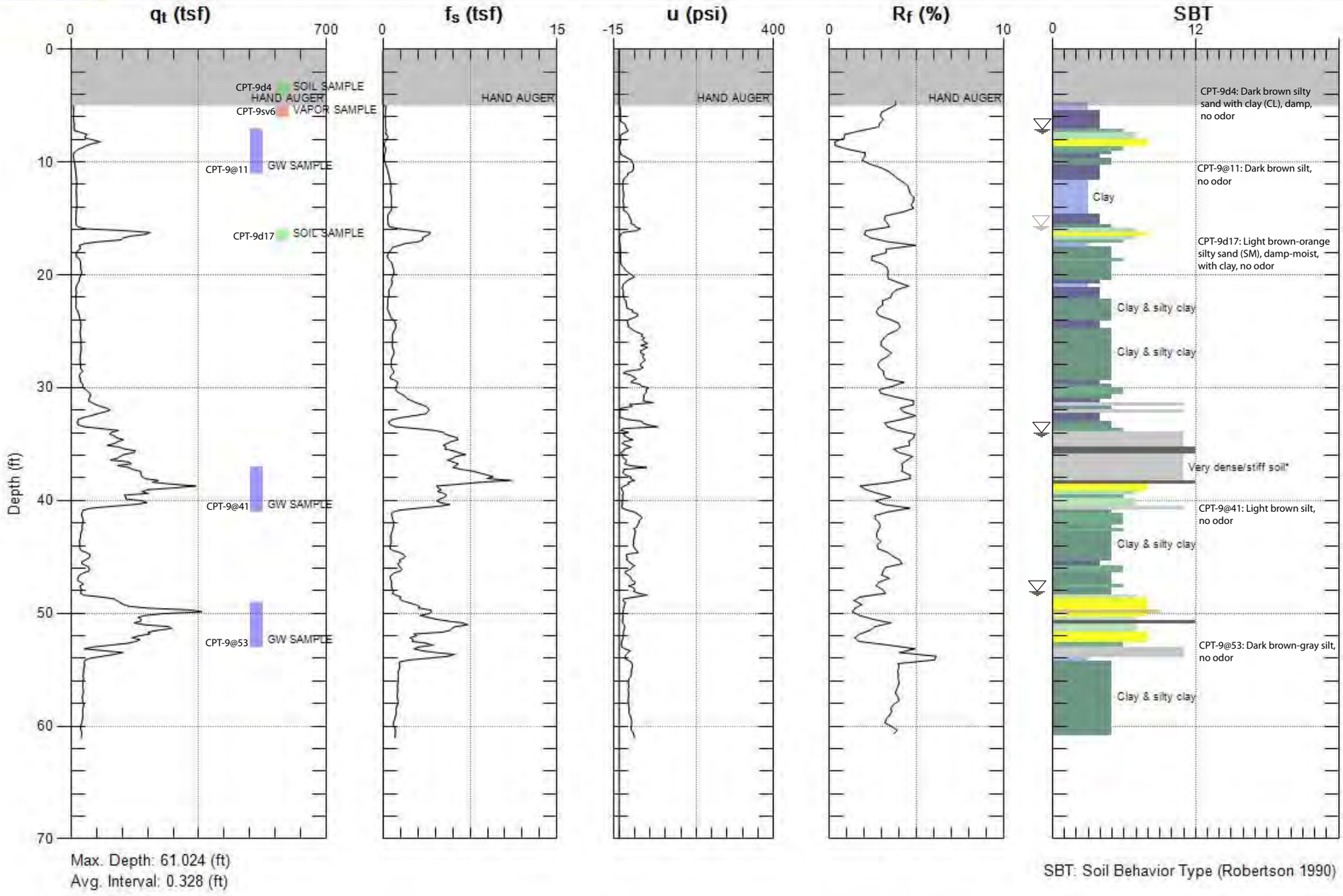
PLATE

16

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-09 Date: 1/14/2011 06:45



Max. Depth: 61.024 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

LITHOLOGIC LOG OF CPT-9

Additional Site Characterization

Former Roseland Cleaners

761 Sebastopol Road, Santa Rosa, California

NC-RWQCB Case No. 1NSR403

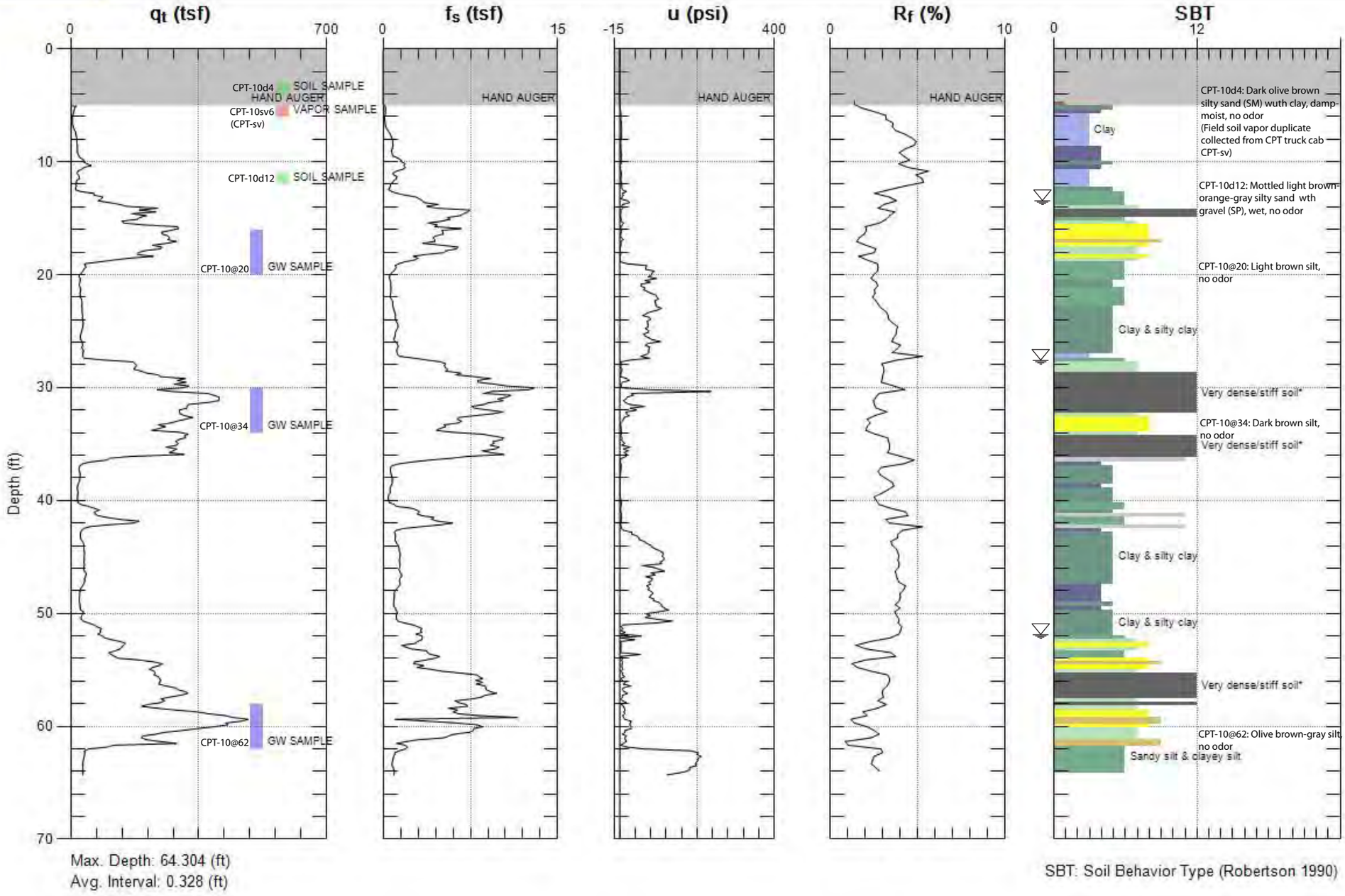
PLATE

17

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-10 Date: 1/14/2011 11:41



Max. Depth: 64.304 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

LITHOLOGIC LOG OF CPT-10

Additional Site Characterization

Former Roseland Cleaners

761 Sebastopol Road, Santa Rosa, California

NC-RWQCB Case No. 1NSR403

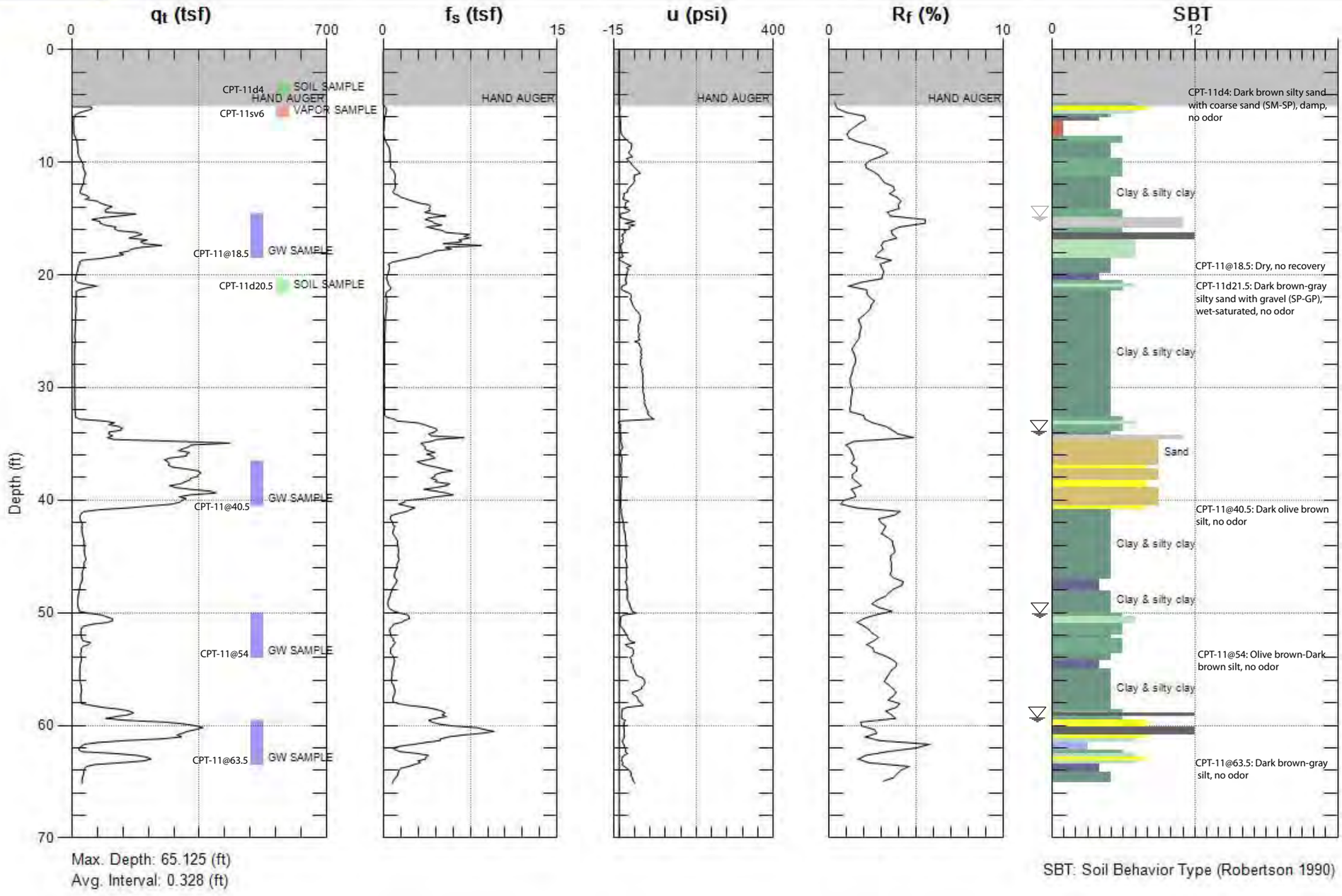
PLATE

18

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-11 Date: 1/17/2011 07:03



Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

LITHOLOGIC LOG OF CPT-11

Additional Site Characterization

Former Roseland Cleaners

761 Sebastopol Road, Santa Rosa, California

NC-RWQCB Case No. 1NSR403

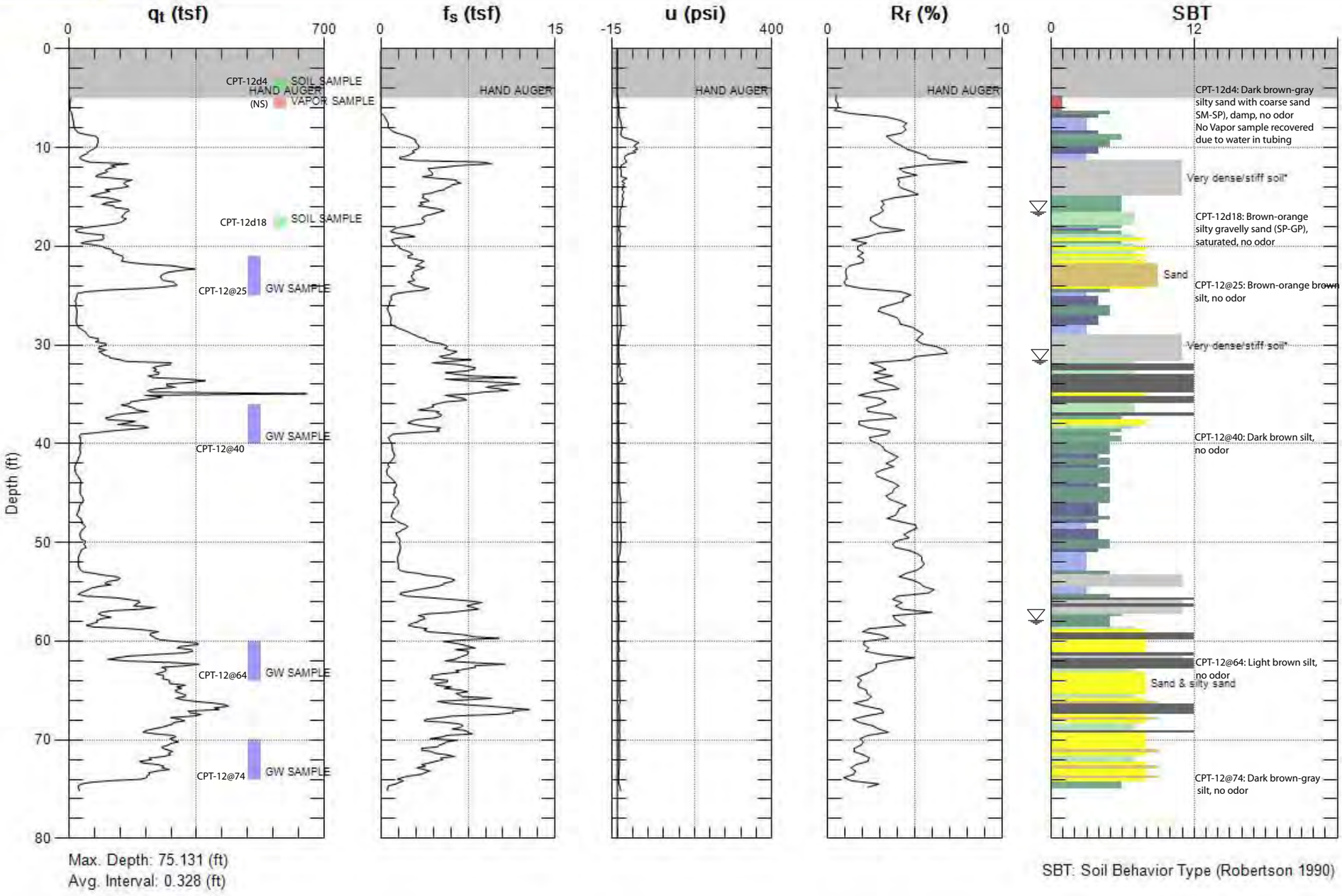
PLATE

19

GREGG E.G.S.

Site: FMR. ROSELAND CNRS Engineer: D.BUSH

Sounding: CPT-12 Date: 1/17/2011 11:33



Harris & Lee
Environmental Sciences, LLC

CLIENT: SCCDA
PROJECT: 437.0910
DRAFTED BY: DLB
DATE: JAN 2011

LITHOLOGIC LOG OF CPT-12

Additional Site Characterization

Former Roseland Cleaners

761 Sebastopol Road, Santa Rosa, California

NC-RWQCB Case No. 1NSR403

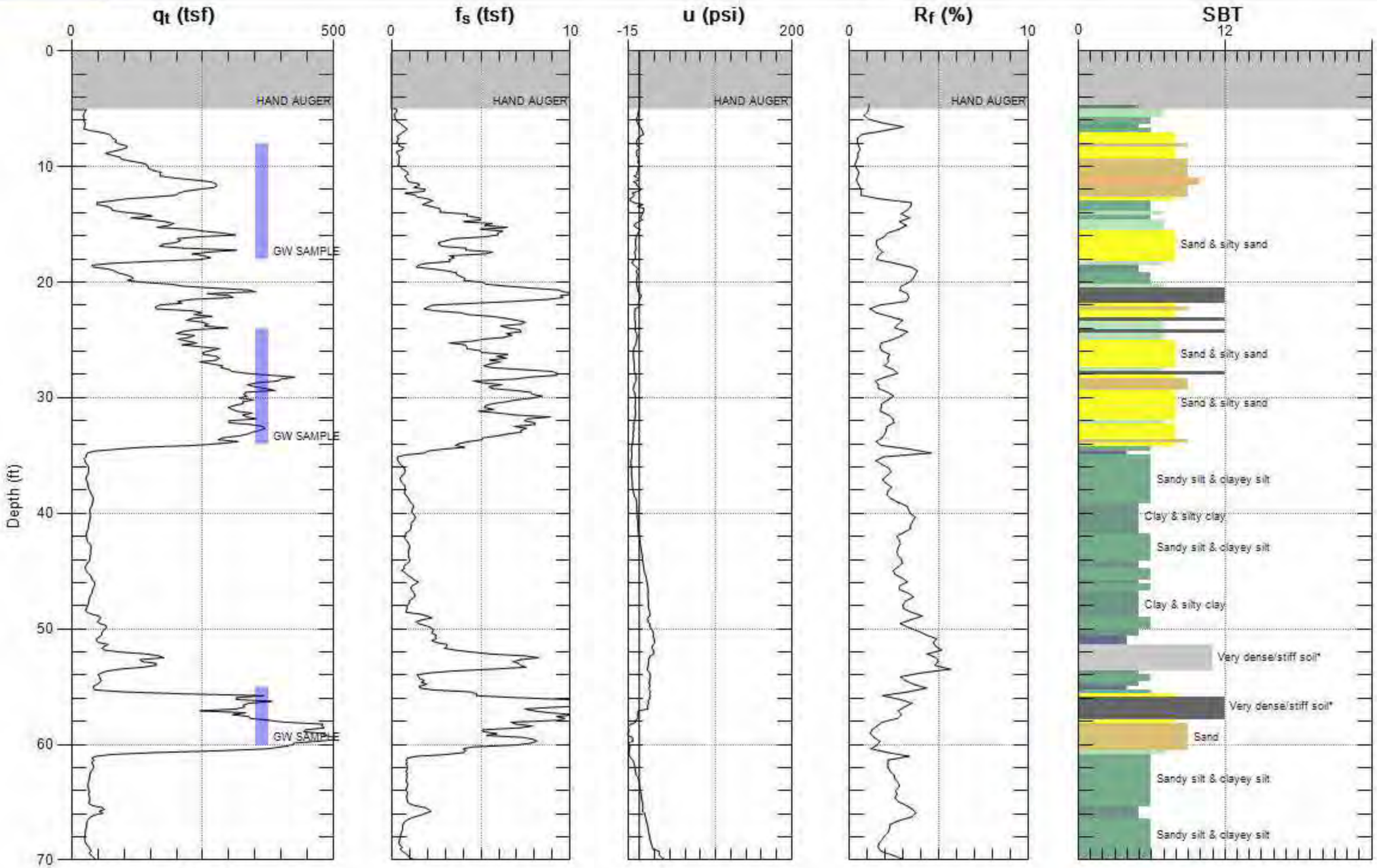
PLATE

20

HARRIS & LEE

Site: ROSELAND VILLAGE
Sounding: CPT-13

Engineer: C.PAGE
Date: 7/26/17 07:16



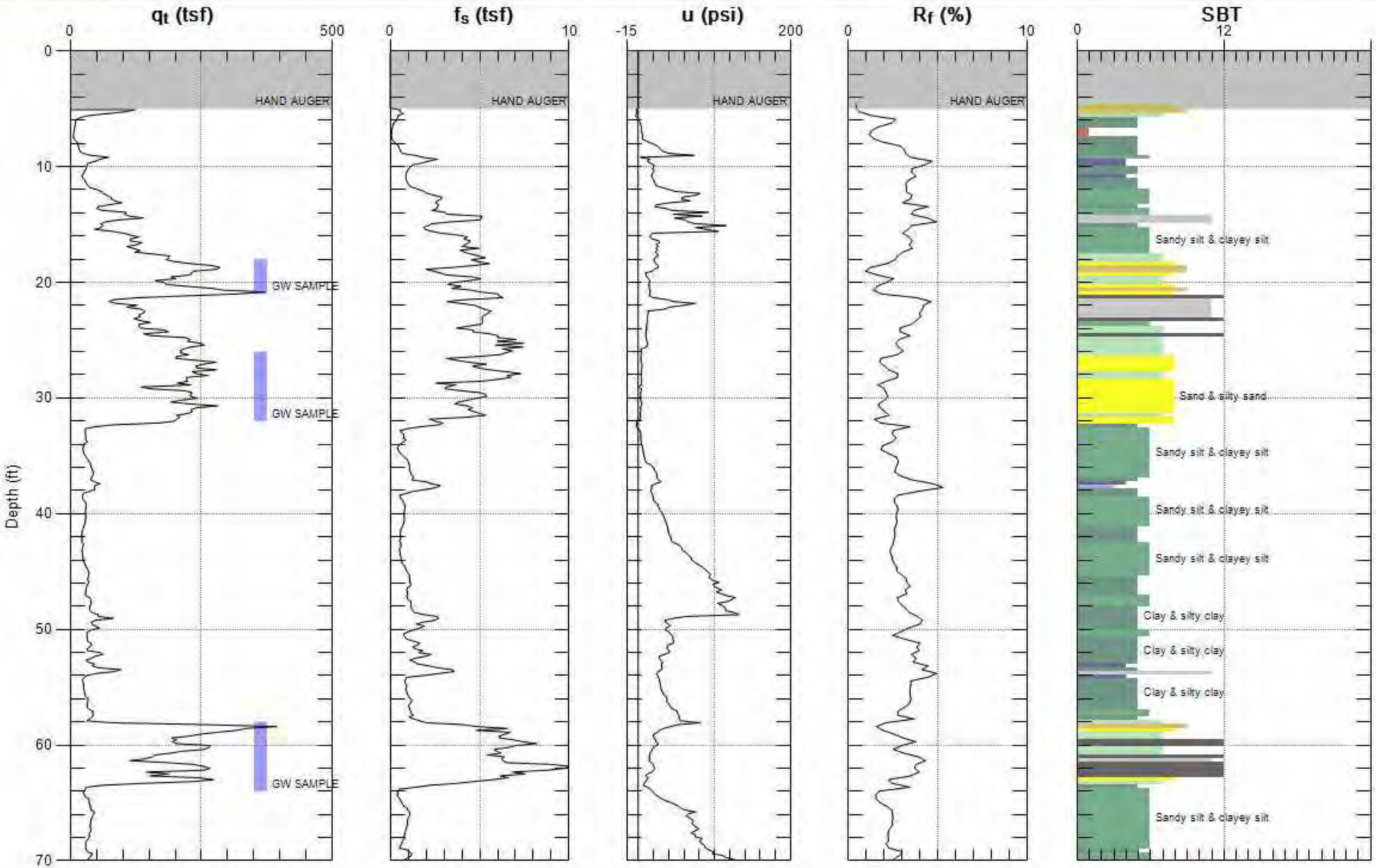
Max. Depth: 70.210 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

HARRIS & LEE

Site: ROSELAND VILLAGE
Sounding: CPT-14

Engineer: C.PAGE
Date: 7/25/17 12:55



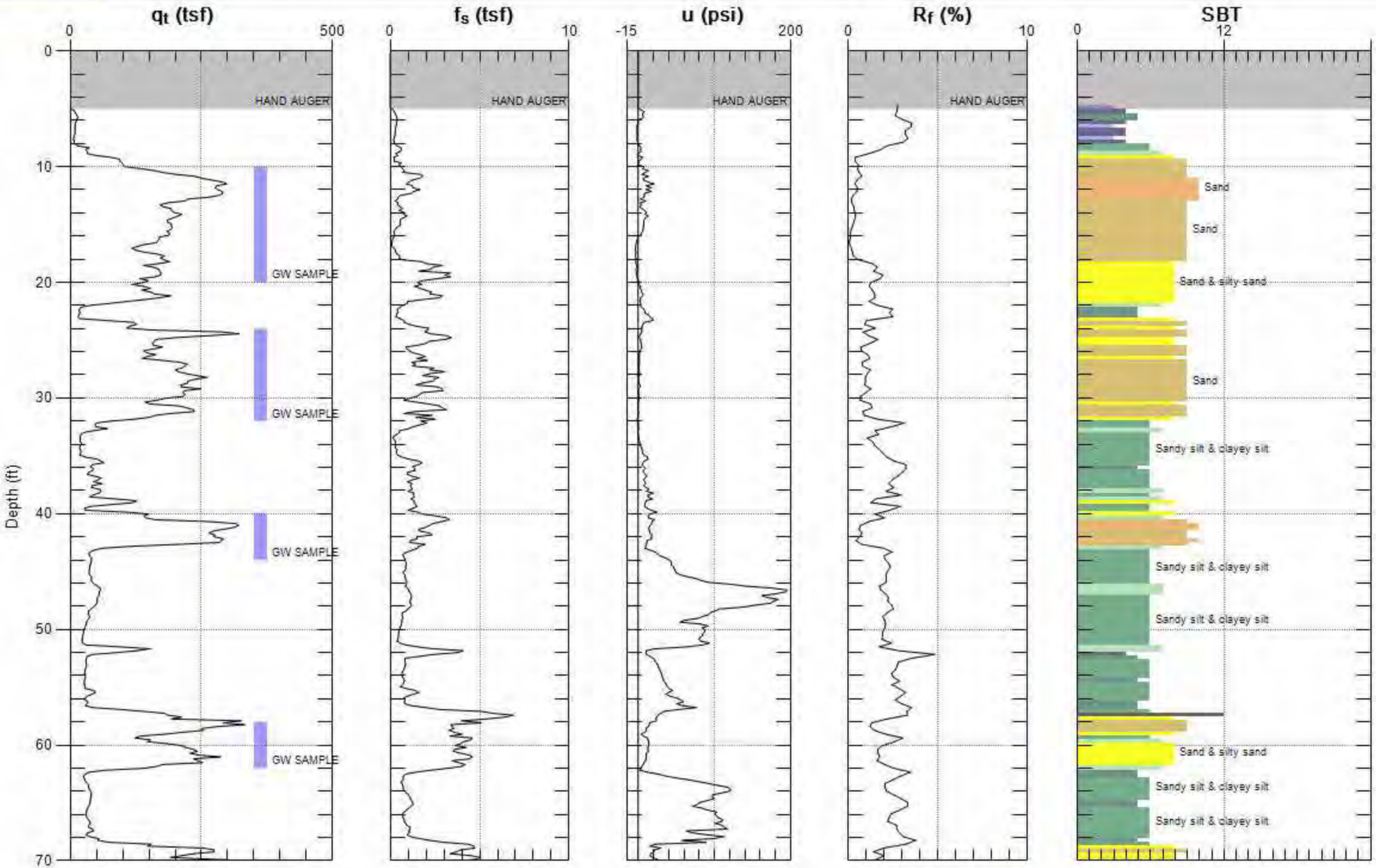
Max. Depth: 70.210 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

HARRIS & LEE

Site: ROSELAND VILLAGE
Sounding: CPT-15

Engineer: C.PAGE
Date: 7/24/17 11:49

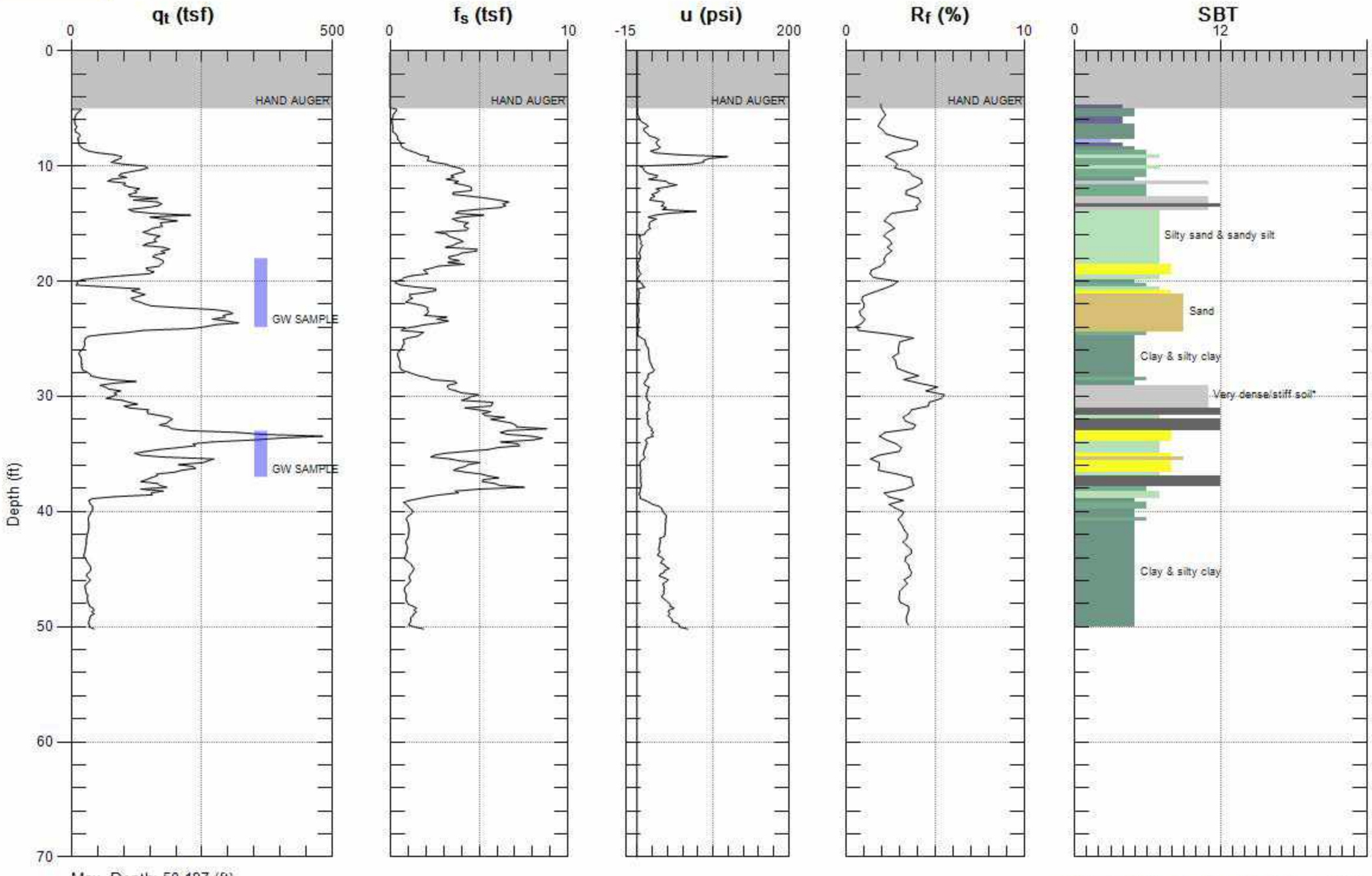


Max. Depth: 70.210 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

HARRIS & LEE

Site: ROSELAND VILLAGE
Sounding: CPT-16
Engineer: C.PAGE
Date: 7/25/17 03:57

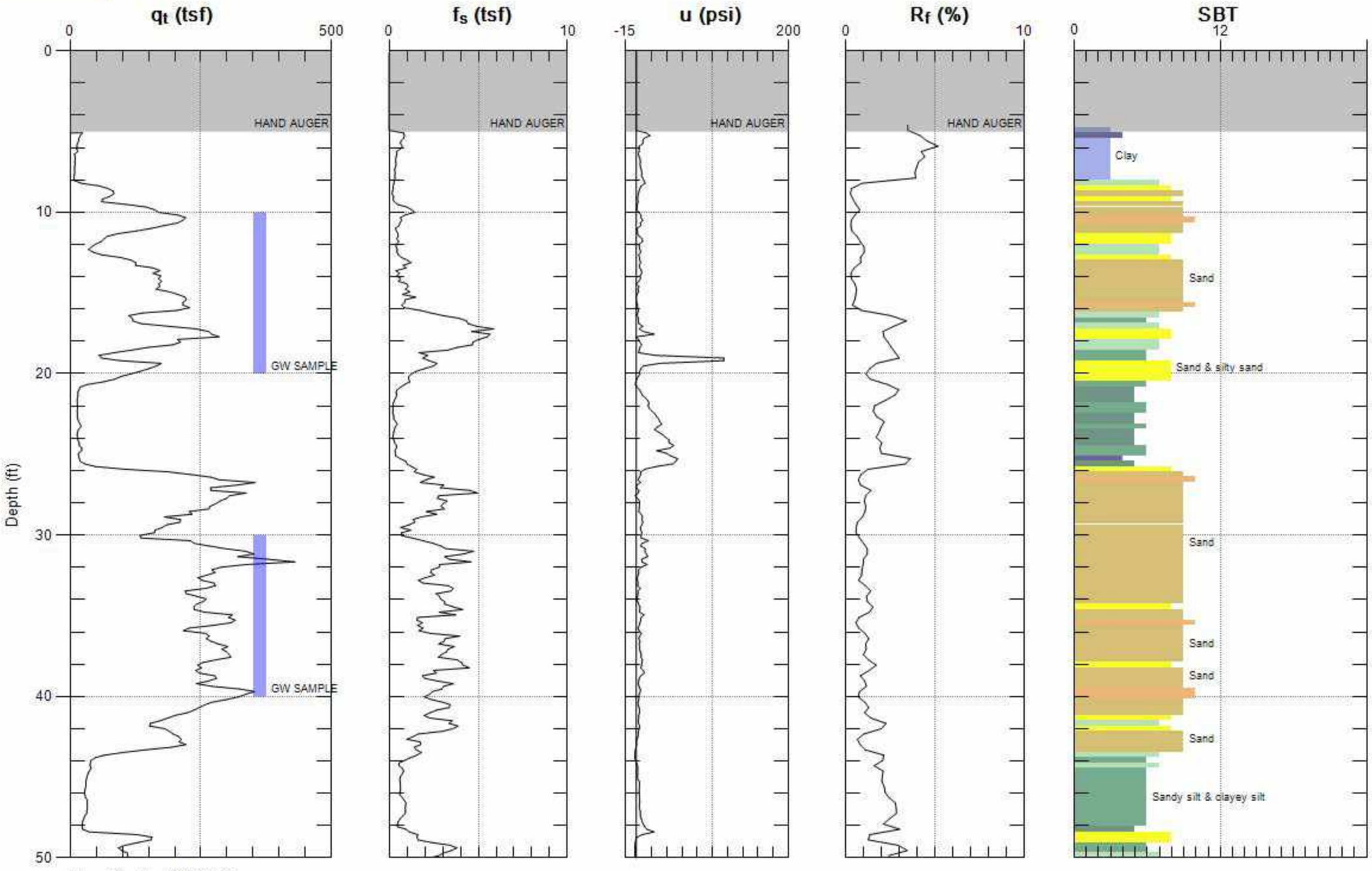


Max. Depth: 50.197 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

HARRIS & LEE

Site: ROSELAND VILLAGE
Sounding: CPT-17
Engineer: C.PAGE
Date: 7/21/17 09:14



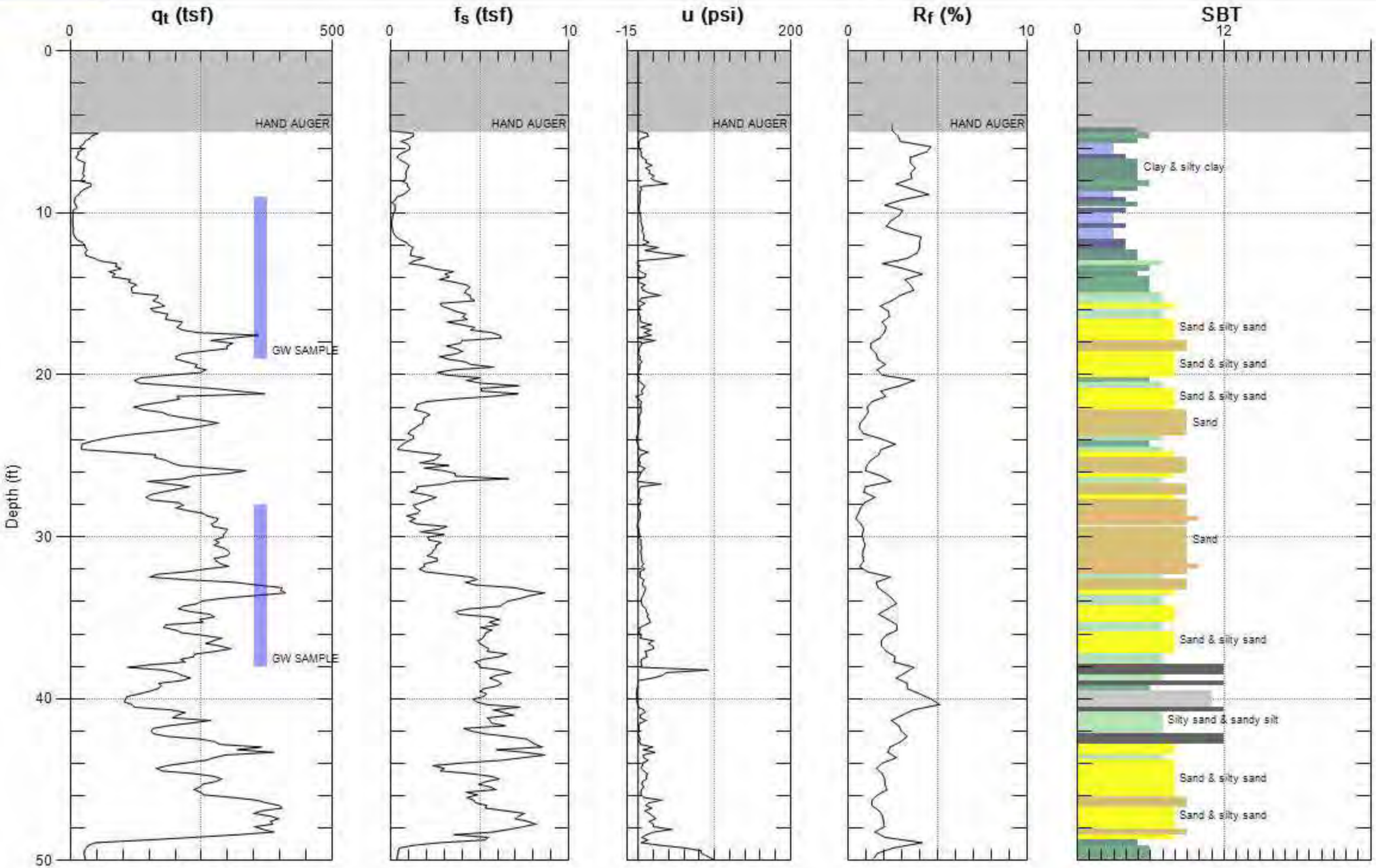
Max. Depth: 50.033 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

HARRIS & LEE

Site: ROSELAND VILLAGE
Sounding: CPT-18

Engineer: C.PAGE
Date: 7/21/17 12:27

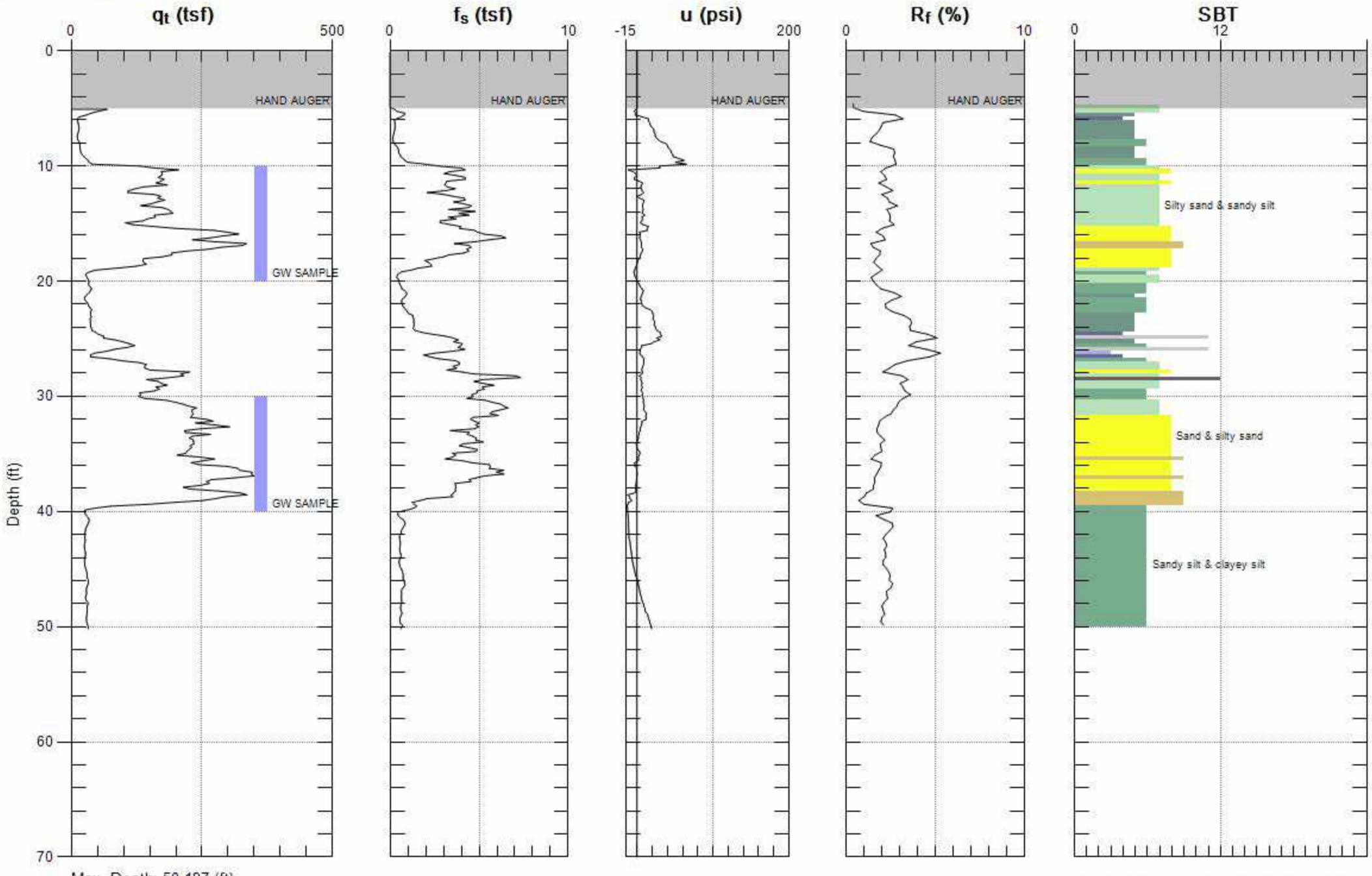


Max. Depth: 50.033 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

HARRIS & LEE

Site: ROSELAND VILLAGE
Sounding: CPT-19
Engineer: C.PAGE
Date: 7/24/17 08:43



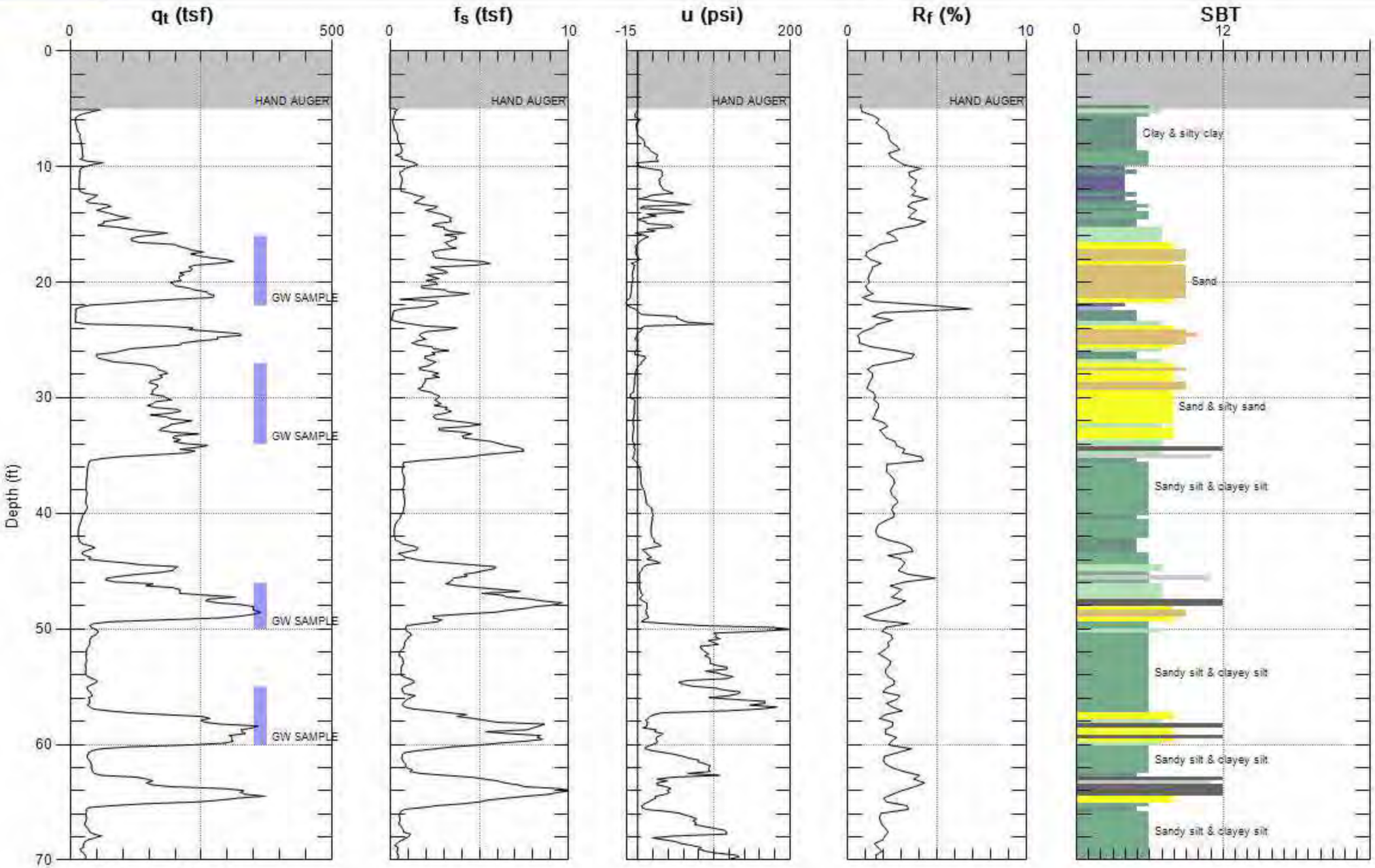
Max. Depth: 50.197 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

HARRIS & LEE

Site: ROSELAND VILLAGE
Sounding: CPT-20

Engineer: C.PAGE
Date: 7/25/17 08:08



Max. Depth: 70.210 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

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

ABBREVIATION KEY

PID (PPM): - Photo Ionization Detector readings in parts per million from field headspace sample screening.

BLOWS/6": - Blows required to drive sampler 6 inches as indicated on the logs using sample drive hammer weight of 140 pounds falling 30 inches.

2.5YR 6/2 - Soil Color according to Munsell Soil Color Charts (1994 Revised Edition)

feet MSL - feet above Mean Seal Level

feet BGS - feet below ground surface

SYMBOLS KEY

- No Soil Sample Recovered
- Partial Soil Sample Recovered
- Undisturbed Soil Sample Recovered
- Soil Sample Submitted for Laboratory Analysis
- Hydropunch Sample
- First Encountered Groundwater Level
- Piezometric Groundwater level

USCS CHART ROSEPSA1.GPJ PES_ENV.GDT 3/29/02

PES Environmental, Inc.
Engineering & Environmental Services

Unified Soil Classification System Chart
Roseland Area HVOC Investigation
759, 761, & 765 Sebastopol Road, Santa Rosa, CA

PLATE **B-1**

709.001.01.016	USCS CHART		
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF BORING BP-HP1

PID (ppm)	BLOWS/6IN	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
				CONCRETE
				VERY DARK GRAY SILTY GRAVEL (GM) 2.5Y3/1, moist, dense, subangular gravel to 1.0 inch, fine to coarse grained sand (primarily medium to coarse, 40% gravel, 20% sand, 30% silt, 10% clay, apparent fill material
45.0				
		5		DARK GRAY BROWN WELL GRADED SAND WITH GRAVEL (SW) 2.5Y4/2, moist to very moist, fine to coarse grained sand (primarily medium), subrounded gravel to 3/4 inch, 30% gravel, 60% sand,10% silt
765				Increase in moisture content to very moist
		10		BROWN CLAY WITH SAND (CL) 10YR5/3, moist, stiff, fedium plasticity, fine to coarse grained sand (primarily medium to coarse), trace gravel to 1/4 inch, 20% sand, 30% silt, 50% clay
166				Increase in sand content to 35%, decrease in silt content to 25%, decrease in clay content to 40%
93				GRAYISH BROWN CLAYEY SAND WITH GRAVEL (SC) 10YR5/4, moist, dense, fine to coarse grained sand (primarily fine to medium, subangular gravel to 3/4 inch, 20% gravel, 40% sand, 15% silt, 25% clay
69		15		GRAYISH BROWN SILTY SAND WITH GRAVEL (SM) 2.5Y5/2, moist, dense, fine to coarse grained sand (primarily fine to medium), subrounded gravel to 1/2 inch, 20% gravel, 60% sand, 15% silt, 5% clay
140				LIGHT YELLOW BROWN CLAYEY GRAVEL WITH SAND (GC) 10YR6/4, very moist, dense, fine to coarse grained well graded sand, subrounded gravel to 1-3/4 inch, 45% gravel, 25% sand, 10% silt, 20% clay
		20		Bottom of borehole at 19.0 feet bgs. Groundwater sample collected through temporary 3/4-inch diameter PVC casing screened from 14 to 19 feet bgs.
		25		

PROJECT	Roseland Area HVOC Investigation	DIAMETER OF HOLE	2.0 inches
LOCATION	759, 761, & 765 Sebastopol Road, Santa Rosa, California	TOTAL DEPTH OF HOLE	19 feet
JOB NUMBER	709.001.01.018		
GEOLOGIST/ENGINEER	Keary Knickerbocker	DATE STARTED	1/15/02
DRILL RIG	XD-1 (Direct Push)	DATE COMPLETED	1/15/02

PLATE **B-2**

LOG OF BORING/WELL ROSEPSA1.GPJ PES_ENV.GDT 3/29/02

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF BORING BP-HP2

PID (ppm)	BLOWS/6IN	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
				ASPHALT
				VERY DARK GRAY BROWN SILTY GRAVEL WITH SAND (GM) 10YR3/2, moist, dense, fine to coarse grained sand, subangular gravel to 3/4 inch, 50% gravel, 20% sand, 20% silt, 10% clay
31.2		5		DARK GRAY BROWN WELL GRADED SAND WITH GRAVEL (SW) 2.5Y4/2, moist to very moist, medium dense, fine to coarse grained sand, subrounded gravel to 1.0 inch, 35% gravel, 50% sand, 10% silt, 5% clay
				▽ Increase in moisture content to wet
36.9				GRAYISH BROWN CLAY (CL) 10YR5/2, moist, stiff, medium plasticity, trace fine grained sand, 30% silt, 70% clay, minor iron oxide staining present Increase in sand content to 10%, trace fine gravel to 1/8 inch
		10		Increase in gravel content to 15% (subrounded to 3/4 inch)
0.0				YELLOW BROWN CLAYEY GRAVEL WITH SAND (GC) 10YR5/4, slightly moist, very dense, fine to coarse grained sand, subrounded gravel to 1-1/2 inches, 40% gravel, 30% sand, 10% silt, 20% clay
0.0				Increase in moisture content to very moist to wet, decrease in clay content to 10%
		15		Decrease in moisture content to very moist
				Increase in moisture content to wet
				Bottom of borehole at 19.0 feet bgs. Groundwater sample collected through temporary 3/4-inch diameter PVC casing screened from 6 to 9 feet bgs and 14 to 19 feet bgs (separate borehole).
		20		
		25		

PROJECT	Roseland Area HVOC Investigation	DIAMETER OF HOLE	2.0 inches
LOCATION	759, 761, & 765 Sebastopol Road, Santa Rosa, California	TOTAL DEPTH OF HOLE	19 feet
JOB NUMBER	709.001.01.016		
GEOLOGIST/ENGINEER	Keary Knickerbocker	DATE STARTED	1/15/02
DRILL RIG	XD-1 (Direct Push)	DATE COMPLETED	1/15/02

PLATE

B-3

LOG OF BORING/WELL ROSEPSA1.GPJ PES_ENV.GDT 3/28/02

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF BORING BP-HP3

PID (ppm)	BLOWS/6IN	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
				ASPHALT
0.0				DARK GRAY BROWN SILTY GRAVEL WITH SAND (GM) 10YR4/2, moist, medium dense, fine to coarse grained sand (primarily fine to medium), subangular gravel to 1-1/2 inches, 40% gravel, 30% sand, 20% silt, 10% clay
		5		
0.0				VERY DARK GRAY BROWN SAND (SW) 10YR3/2, very moist, medium dense, fine to coarse grained sand (primarily fine to medium), 90% sand, 10% silt, trace rootlets present in sample
				BROWN SANDY SILT (ML) 10YR5/3, wet, soft, low plasticity, fine to coarse grained sand (primarily fine), trace fine gravel, 30% sand, 60% silt, 10% clay
				DARK YELLOW BROWN CLAY WITH GRAVEL AND SAND (CL) 10YR4/4, moist, stiff, low to no plasticity, fine to coarse grained sand, subrounded gravel to 1-1/2 inches, 30% gravel, 15% sand, 20% silt, 35% clay
0.0		10		
0.0				YELLOW BROWN CLAYEY GRAVEL WITH SAND (GC) 10YR5/4, moist, dense, fine to coarse grained sand, subrounded gravel to 1.0 inch, 40% gravel, 30% sand, 10% silt, 20% clay
				Decrease in clay content to 15%
171		15		Increase in moisture content to very moist
				Increase in maximum gravel size to 1-1/2 inches
156				
				OLIVE BROWN SILTY SAND WITH GRAVEL (SM) 2.5Y4/3, moist, fine to coarse grained sand, fine subrounded gravel to 3/4 inch, 20% gravel, 60% sand, 15% silt, 5% clay
		20		
0.0				
				Bottom of borehole at 22.0 feet bgs. Groundwater sample collected through temporary 3/4-inch diameter PVC casing screened from 16 to 22 feet bgs.
		25		

PROJECT	Roseland Area HVOC Investigation	DIAMETER OF HOLE	2.0 inches
LOCATION	759, 761, & 765 Sebastopol Road, Santa Rosa, California	TOTAL DEPTH OF HOLE	22 feet
JOB NUMBER	709.001.01.016		
GEOLOGIST/ENGINEER	Keary Knickerbocker	DATE STARTED	1/15/02
DRILL RIG	XD-1 (Direct Push)	DATE COMPLETED	1/15/02

PLATE **B-4**

LOG OF BORING/WELL ROSEPSA1.GPJ PES_ENV.GDT 3/29/02

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF BORING BP-HP4

PID (ppm)	BLOWS/6IN	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
				ASPHALT
				DARK GRAY BROWN SILTY GRAVEL WITH SAND (GM) 10YR3/2, moist, medium dense, fine to coarse grained sand (primarily fine to medium), subangular gravel to 1-1/2 inches, 40% gravel, 30% sand, 20% silt, 10% clay
		5		
0.0				DARK GRAY BROWN SILT WITH SAND (ML) 10YR4/2, very moist, medium stiff, low plasticity, fine grained sand, 15% sand, 70% silt, 15% clay, trace rootlets present in sample
				Increase in moisture content to very moist to wet, change in consistency to soft
			▽	Increase in moisture content to wet
0.0				DARK YELLOW BROWN CLAYEY GRAVEL WITH SAND (GC) 10YR4/6, moist, dense, fine to coarse grained sand (primarily fine to medium), subrounded gravel to 3/4 inch, 40% gravel, 20% sand, 15% silt, 25% clay
		10		
				Increase in maximum gravel size to 1-1/2 inches
0.0				
				Increase in moisture content to very moist, decrease in clay content to 15%, decrease in silt content to 5%
		15		
				Bottom of borehole at 19.0 feet bgs. Groundwater sample collected through temporary 3/4-inch diameter PVC casing screened from 3 to 7 feet bgs and 14 to 19 feet bgs (separate borehole).
		20		
		25		

PROJECT	Roseland Area HVOC Investigation	DIAMETER OF HOLE	2.0 inches
LOCATION	759, 761, & 765 Sebastopol Road, Santa Rosa, California	TOTAL DEPTH OF HOLE	19 feet
JOB NUMBER	709.001.01.016		
GEOLOGIST/ENGINEER	Keary Knickerbocker	DATE STARTED	1/16/02
DRILL RIG	XD-1 (Direct Push)	DATE COMPLETED	1/16/02

PLATE **B-5**

LOG OF BORING/WELL ROSEPSA1.GPJ PES_ENV.GDT 3/29/02

PES Environmen. , Inc.
Engineering & Environmental Services

LOG OF BORING BP-HP5

PID (ppm)	BLOWS/6IN	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
				ASPHALT
				VERY DARK GRAY BROWN SANDY SILT (ML) 10YR3/2, moist, medium dense, fine to coarse grained sand (primarily fine to medium), subrounded gravel to 1/4 inch, 10% gravel, 25% sand, 40% silt, 25% clay
>2000				
				OLIVE BROWN SILTY SAND (SM) 2.5Y5/3, moist to very moist, fine to medium grained sand (primarily fine), 70% sand, 30% silt
				BROWN SILT WITH SAND (ML) 10YR4/3, very moist, medium stiff, fine grained sand, low plasticity, 30% sand, 70% silt
		5		Increase in moisture content to wet, increase in subangular gravel content to 5% (up to 1/2 inch diameter)
1904				
				Increase in clay content to 20%, decrease in silt content to 55%, decrease in sand content to 20%, change in consistency to stiff
46.5				BROWN CLAY WITH SAND (CL) 10YR4/3, moist, stiff, medium plasticity, fine to coarse grained sand, trace fine gravel to 1/8 inch, 15% sand, 20% silt, 65% clay
				Increase in sand content to 30%
		10		DARK YELLOW BROWN CLAYEY GRAVEL WITH SAND (GC) 10YR4/6, slightly moist, fine to coarse grained sand (primarily fine to medium), subangular to subrounded gravel to 3/4 inch, 35% gravel, 25% sand, 10% silt, 30% clay
				Decrease in clay content to 20%
30.1				
				Increase in moisture content to very moist
				Increase in moisture content to very moist
		15		
				Bottom of borehole at 16.0 feet bgs. Groundwater sample collected through temporary 3/4-inch diameter PVC casing screened from 3 to 7 feet bgs and 11 to 16 feet bgs (separate borehole).
		20		
		25		

PROJECT	Roseland Area HVOC Investigation	DIAMETER OF HOLE	2.0 inches
LOCATION	759, 761, & 765 Sebastopol Road, Santa Rosa, California	TOTAL DEPTH OF HOLE	16 feet
JOB NUMBER	709.001.01.016		
GEOLOGIST/ENGINEER	Keary Knickerbocker	DATE STARTED	1/16/02
DRILL RIG	XD-1 (Direct Push)	DATE COMPLETED	1/16/02

PLATE
B-6

LOG OF BORING/WELL ROSEPSA1.GPJ PES_ENV.GDT 3/29/02

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF BORING BP-HP6

PID (ppm)	BLOWS/6IN	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
				ASPHALT
				VERY DARK GRAY BROWN SILTY GRAVEL WITH SAND (GM) 10YR3/2, slightly moist, dense, fine to coarse grained sand, subangular gravel to 3/4 inch, 40% gravel, 30% sand, 20% silt, 10% clay
		5		
				DARK GRAY BROWN SILT WITH SAND (ML) 10YR4/2, very moist, medium stiff, fine to medium grained sand (primarily fine), low plasticity, 15% sand, 75% silt, 10% clay
				▽ Increase in moisture content to wet
				DARK YELLOW BROWN CLAYEY GRAVEL WITH SAND (GC) 10YR4/4, slightly moist, fine to coarse grained sand (primarily fine to medium), subrounded gravel to 1-1/2 inches, 40% gravel, 30% sand, 10% silt, 20% clay
		10		
0.0				OLIVE BROWN SILTY SAND (SM) 2.5Y4/3, very moist, medium dense, fine to coarse grained sand (primarily medium), fine subrounded gravel to 3/4 inch, 25% gravel, 60% sand, 15% silt
				DARK YELLOW BROWN CLAYEY GRAVEL WITH SAND (GC) 10YR4/4, slightly moist, fine to coarse grained sand (primarily fine to medium), subrounded gravel to 1-1/2 inches, 40% gravel, 30% sand, 10% silt, 20% clay
0.0		15		
				Decrease in clay content to 10%, decrease in silt content to 5%
				DARK YELLOW BROWN CLAY WITH SAND (CL) 10YR4/4, moist, very stiff, fine to coarse grained sand (primarily fine), low to medium plasticity, trace fine gravel to 1/4 inch, 15% sand, 10% silt, 75% clay
				Bottom of borehole at 19.0 feet bgs. Groundwater sample collected through temporary 3/4-inch diameter PVC casing screened from 5 to 10 feet bgs and 14 to 19 feet bgs (separate borehole).
		20		
		25		

LOG OF BORING/WELL ROSEPSA1.GPJ PES_ENV.GDT 3/29/02

PROJECT	Roseland Area HVOC Investigation	DIAMETER OF HOLE	2.0 inches
LOCATION	759, 751, & 765 Sebastopol Road, Santa Rosa, California	TOTAL DEPTH OF HOLE	19 feet
JOB NUMBER	709.001.01.016		
GEOLOGIST/ENGINEER	Keary Knickerbocker	DATE STARTED	1/16/02
DRILL RIG	XD-1 (Direct Push)	DATE COMPLETED	1/16/02

PLATE

B-7

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF BORING BP-HP7

PID (ppm)	BLOWS/6IN	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
				ASPHALT
				DARK GRAY BROWN SILTY GRAVEL WITH SAND (GM) 10YR2/2, moist, medium dense, fine to coarse grained well graded sand, subangular gravel to 1-1/2 inches, 40% gravel, 30% sand, 20% silt, 10% clay
				VERY DARK BROWN SILT WITH SAND (ML) 10YR2/2, moist, low plasticity, stiff, fine to coarse grained sand (primarily fine), fine gravel to 1/4 inch, 5% gravel, 15% sand, 70% silt, 10% clay
3.9				DARK BROWN WELL GRADED GRAVEL WITH SAND (GW) 10YR3/3, moist, fine to coarse grained sand, subrounded gravel to 1.0 inch, dense, 55% gravel, 35% sand, 10% silt
78.5		5		DARK BROWN WELL GRADED SAND WITH GRAVEL (SW) 10YR3/3, moist, fine to coarse grained sand (primarily fine to medium), fine subrounded gravel to 1/2-inch, dense, 15% gravel, 75% sand, 10% silt
32.8		10		DARK YELLOW BROWN CLAY WITH SAND (CL) 10YR4/4, moist, medium plasticity, stiff, fine to coarse grained sand, subrounded gravel to 1.0 inch, 15% gravel, 20% sand, 15% silt, 50% clay
				Change in color to YELLOW BROWN (10YR5/4), decrease in gravel content to trace, decrease in sand content to 10%, increase in silt content to 10%, increase in clay content to 75%, change in consistency to very stiff
0.0				DARK YELLOW BROWN CLAYEY GRAVEL WITH SAND (GC) 10YR4/4, slightly moist, fine to coarse grained sand (primarily fine to medium), 40% gravel, 30% sand, 10% silt, 20% clay
4.3		15		Increase in moisture content to very moist
			▽	Increase in moisture content to very moist to wet
				Bottom of borehole at 19.0 feet bgs. Groundwater sample collected through temporary 3/4-inch diameter PVC casing screened from 6 to 10 feet bgs and 14 to 19 feet bgs (separate borehole).
		20		
		25		

PROJECT	Roseland Area HVOC Investigation	DIAMETER OF HOLE	2.0 inches
LOCATION	759, 761, & 765 Sebastopol Road, Santa Rosa, California	TOTAL DEPTH OF HOLE	19 feet
JOB NUMBER	709.005.01.016		
GEOLOGIST/ENGINEER	Keary Knickerbocker	DATE STARTED	1/16/02
DRILL RIG	XD-1 (Direct Push)	DATE COMPLETED	1/16/02

PLATE

B-8

LOG OF BORINGWELL ROSEPSA1.GPJ PES_ENV.GDT 3/29/02

APEX ENVIROTECH, INC.

Boring Log SB-1

(Page 1 of 2)

Former Hill/Roseland/Payless Cleaners
781 Sebastapol Road
Santa Rosa, California

Project # BAU02.001

Date Completed	: 12/4/08	Bore Hole Dia. (in)	: 2
Geologist	: Xavier Tarango	Depth Drilled (ft)	: 52
Drilling Company	: RSI	Ini. Depth to Water (ft)	: 12
Driller	: Jose	Sta. Depth to Water (ft):	–
Method	: Direct Push	Grout Type	: II-V cement, 0 to 52 ft

Sample Legend
- Sample Location
- Sleeve

▼ Static Water Level
▽ Initial Water Level

Depth in Feet	Description	USCS	GRAPHIC	Samples	Blow Count	PID
0	Fill.					
	SAND and GRAVEL, moderate brown (5YR 4/4), moderately graded, fine grained sand, subangular to subrounded sand, moderately dense, dry, no odor.					
5	SAND with CLAY, moderate yellowish brown (10YR 5/4), moderately graded, fine grained, subangular to subrounded, slightly plastic, loose, very soft, damp, no odor.					
	SANDY GRAVEL, dark yellowish brown (10YR 4/2), well graded, fine to medium grained sand, very fine to fine grained gravel, subangular to rounded sand, subangular to subrounded gravel, moderately dense, dry, no odor.	GP				
10	Becomes GRAVELLY SAND.					
	SAND with CLAY, moderate brown (5YR 4/4), well graded, very fine to fine grained, subangular to subrounded, loose, very soft, damp, no odor.	SC				
15	SANDY GRAVEL, dark yellowish brown (10YR 4/2), well graded, fine grained sand and gravel, subangular to subrounded sand and gravel, moderately dense, damp.					
	GRAVELLY SAND, dark yellowish brown (10YR 4/2), medium to coarse grained sand, fine grained gravel, angular to subrounded sand, subangular to subrounded gravel, moderately dense, damp.					
20	Becomes moderate brown (5YR 4/4), well graded, dry to damp.	GP				
	Becomes dark yellowish brown (10YR 4/2), moderately graded, dry.					
25						
	GRAVELLY SAND with CLAY, moderate brown (5YR 4/4), moderately to well graded, medium grained sand, fine grained gravel, subangular to subrounded sand and gravel, moderately dense, damp.	GC				
30						

Boring: SB-1

▽

Grout

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APEX ENVIROTECH, INC.

Boring Log SB-1

(Page 2 of 2)

Former Hill/Foreland/Payless Cleaners
761 Sebastapol Road
Santa Rosa, California

Project # BAU02.001

Date Completed	: 12/4/06	Bore Hole Dia. (in)	: 2
Geologist	: Xavier Tarango	Depth Drilled (ft)	: 52
Drilling Company	: RSI	Ini. Depth to Water (ft)	: 12
Driller	: Jose	Stc. Depth to Water (ft)	: –
Method	: Direct Push	Grout Type	: II-V cement, 0 to 52 ft

Sample Legend
- Sample Location
- Sleeve
- Static Water Level
- Initial Water Level

Boring: SB-1

Depth in Feet	Description	USCS	GRAPHIC	Samples	Blow Count	PID
30		GC				
	GRAVELLY SAND, moderate yellowish brown (10YR 5/4), moderately graded, medium to coarse grained sand, fine grained gravel, subangular to subrounded sand and gravel, moderately dense, damp.					
35						
	Becomes moderate brown (5YR 4/4), moderately dense to dense.					
40		GP				
	Becomes moderate yellowish brown (10YR 5/4), poorly graded, dense, damp to moist, no odor.					
45						
	Becomes well graded, medium grained gravel, angular to subrounded sand, moist.					
50						
	SAND with CLAY, moderate yellowish brown (10YR 5/4), well graded, very fine to fine grained, subangular to subrounded, dense, soft, moist, no odor.	SC				
55						
60						

Grout

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APEX ENVIROTECH, INC.

Boring Log SB-2

(Page 1 of 2)

Former Hill/Roseland/Payless Cleaners
761 Sebastapol Road
Santa Rosa, California

Project # BAU02.001

Date Completed	: 12/5/08	Bore Hole Dia. (in)	: 2
Geologist	: Xavier Tarango	Depth Drilled (ft)	: 52
Drilling Company	: RSI	Ini. Depth to Water (ft)	: 12
Driller	: Juan	Stc. Depth to Water (ft)	: --
Method	: Direct Push	Grout Type	: 6-V cement, 0 to 52 ft

Sample Legend
- Sample Location
- Sleeve
- Static Water Level
- Initial Water Level

Depth in Feet	Description	USCS	GRAPHIC	Samples	Blow Count	PID	Boring: SB-2
0	Fill.						
	SAND and GRAVEL, moderate brown (5YR 4/4), moderately graded, fine grained sand, subangular to subrounded sand, moderately dense, dry, no odor.						
5	SANDY CLAY, dark yellowish brown (10YR 4/2), moderately graded, very fine to fine grained, subangular to subrounded, loose, soft, dry.	CL					
	Becomes moderately dense, soft to moderately stiff, damp.						
10	CLAYEY SAND, dark yellowish brown (10YR 4/2), moderately graded, fine grained, subangular to subrounded, moderately dense, moderately stiff, dry.	SC					
	Becomes moderate yellowish brown (10YR 5/4).						
15	GRAVELLY SAND, moderate yellowish brown (10YR 5/4), moderately graded, fine to medium grained sand, very fine grained gravel, subangular to subrounded sand and gravel, moderately dense, dry. Becomes fine to coarse grained sand, subangular to rounded sand, loose to moderately dense, dry to damp.	GP					Grout
20	Becomes medium to coarse grained sand, subangular to subrounded sand, loose, moist to wet, no odor.						
25	CLAYEY SAND, moderate yellowish brown (10YR 5/4), moderately graded, fine grained, subangular to subrounded, moderately dense, very soft, damp.	SC					
	SAND with GRAVEL, moderate yellowish brown (10YR 5/4), well graded, fine grained sand, subangular to subrounded sand, moderately dense, damp, no odor.	GP					
30							

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APEX ENVIROTECH, INC.

Boring Log SB-2

(Page 2 of 2)

Former Hill/Roseland/Payless Cleaners
761 Sebastapol Road
Santa Rosa, California

Project # BAU02.001

Date Completed	: 12/5/06	Bore Hole Dia. (in)	: 2
Geologist	: Xavier Tarango	Depth Drilled (ft)	: 62
Drilling Company	: RSI	Ini. Depth to Water (ft)	: 12
Driller	: Juan	Stc. Depth to Water (ft)	: --
Method	: Direct Push	Grout Type	: II-V cement, 0 to 62 ft

Sample Legend
- Sample Location
- Sheve

Static Water Level
Initial Water Level

Depth in Feet	Description	USCS	GRAPHIC	Samples	Blow Count	PID	Boring: SB-2
30		GP					
	SAND, moderate yellowish brown (10YR 5/4), moderately graded, fine grained, subangular to subrounded, loose to moderately dense, damp.	SW					
35	CLAYEY SAND, moderate yellowish brown (10YR 5/4), well graded, fine grained, subangular to subrounded, loose to moderately dense, very soft, damp. Becomes moderately dense, dry.	SC					
	SAND, moderate yellowish brown (10YR 5/4), well graded, fine to medium grained, subangular to subrounded, moderately dense, damp.	SW					
40	CLAYEY SAND, pale yellowish brown (10YR 6/2), well graded, fine grained, subangular to subrounded, moderately dense, very soft, damp. Becomes moderate yellowish brown (10YR 5/4), loose, soft, wet.	SC					Grout
45	GRAVELLY SAND, moderate yellowish brown (10YR 5/4), moderately graded, medium to coarse grained sand, fine grained gravel, subangular to subrounded sand and gravel, moderately dense, damp. Becomes well graded, fine grained sand, moderately dense to dense.	GP					
50	CLAYEY SAND, moderate yellowish brown (10YR 5/4), moderately graded, fine grained, subangular to subrounded, dense, moderately stiff, dry to damp.	SC					
55							
60							

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APEX ENVIROTECH, INC.

Boring Log SB-3

(Page 1 of 2)

Former Hill/Rossland/Payless Cleaners
761 Sebastapol Road
Santa Rosa, California
Project # BAU02.001

Date Completed	: 12/4/08	Bore Hole Dia. (in)	: 2
Geologist	: Xavier Tarango	Depth Drilled (ft)	: 52
Drilling Company	: RSI	Init. Depth to Water (ft)	: 12
Driller	: Jose	Stc. Depth to Water (ft)	: --
Method	: Direct Push	Grout Type	: II-V cement, 0 to 52 ft

Sample Legend
- Sample Location
- Sleeve
- Static Water Level
- Initial Water Level

Depth in Feet	Description	USCS	GRAPHIC	Samples	Blow Count	PID	Boring: SB-3
0	Fill.						
	SAND and GRAVEL, moderate brown (5YR 4/4), moderately graded, fine grained sand, subangular to subrounded sand, moderately dense, dry, no odor.						
5	SILTY GRAVEL, moderate brown (5YR 4/4), well graded, very fine to fine grained, subangular to subrounded, loose, dry, no odor.	SM					
	Becomes SILTY SAND with CLAY, fine grained, subangular to subrounded, moderately dense.						
	SANDY CLAY, moderate brown (5YR 4/4), very fine to fine grained, subangular to subrounded, moderately dense, soft, dry.	SC					
10	SILTY SAND with CLAY, moderate yellowish brown (10YR 5/4), moderately graded, fine grained, subangular, moderately dense, very soft to soft, no odor.	SM					
	GRAVELLY SAND, moderate yellowish brown (10YR 5/4), moderately graded, fine to medium grained sand, very fine grained gravel, subangular to subrounded sand, subangular gravel, moderately dense, dry to damp, no odor.	GP					
15							Grout
	SILTY SAND, moderate yellowish brown (10YR 5/4), well graded, fine grained, subangular to subrounded, loose, damp.	SM					
20	GRAVELLY SAND, moderate brown (5YR 4/4), well graded, fine to medium grained sand, subangular to subrounded sand, loose, moist to wet, no odor.	GM					
	Becomes GRAVELLY SAND with CLAY, moderately graded, very fine grained gravel, angular to subrounded gravel, loose to moderately dense, damp.						
25	GRAVELLY SAND, moderate yellowish brown (10YR 5/4), moderately graded, fine to medium grained sand, very fine grained gravel, subangular to subrounded sand and gravel, moderately dense, damp.						
	Becomes dark yellowish brown (10YR 4/2).						
30	Becomes moderate yellowish brown (10YR 5/4).						

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60

required by state law. Prior to drilling, Cruz Brothers Locators, Inc. (CBL) of Soquel, California, performed geophysical borehole clearances for sub-surface utilities.

Access to the Joe Rodota Trail was required to advance CPT-13. An encroachment permit dated March 10, 2017 was obtained from the County of Sonoma for this purpose. Access to the Nonella and Gee properties was required to advance all CPT and soil gas borings west of the Subject Parcel (Figure 3). A property access agreement with Mike Nonella dated February 26, 2017 was obtained for the property at 887 Sebastopol Road (APN# 125-101-044). Access to the Gee property (APN# 125-101-031) was arranged by MidPen Housing under their existing access agreement.

4.3.2 Soil Gas Sampling – July 2017

Soil gas sampling was conducted in accordance with the current DTSC advisory for active soil gas investigations.[4] HLENV contracted TEG Northern California, Inc., of Rancho Cordova, California, to advance the shallow soil gas borings, install temporary soil gas probes, collect the soil gas samples, and analyze the samples with their State-certified on-site laboratory.

The locations of soil gas samples collected at the Site in 2016 and 2017 are shown on Figure 4. Eight new soil gas sample locations (i.e., SG-22, SG-23, SG-24, SG-25, SG-26, SG-27, SG-28, and SG-29) were sampled on July 21, 2017. The sample depth interval (i.e., 5 to 6 feet bgs) is similar to previous (2016) soil gas sample depths, which were collected from 4 to 5 feet bgs.

Field procedures for collection of the soil gas samples were described in detail in the Work Plan, and are briefly summarized here. A direct-push drill rig was used to push one-inch diameter steel probe rods to six feet bgs. A sample train with new 1/8-inch Nylaflow tubing was threaded through the probe rods and connected to the bottom of the rods above a sacrificial tip. The probe rods were then retracted to 5 feet bgs to expose the vapor sampling port, and the probe was sealed at the surface with bentonite. After allowing the sample point to equilibrate for at least two hours, a shroud was placed over the rods, and a tracer gas (1,1-difluoroethane) was introduced below the shroud. Three tubing purging volumes were removed, and a soil gas sample was collected in a glass syringe using a flow rate of 200 milliliters per minute or less. The sample was immediately transferred to the mobile laboratory for analysis of VOCs by EPA Method 8260B. Field records are provided in Appendix D.

[4] California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), Los Angeles Regional Water Quality Control Board, and San Francisco Regional Water Quality Control Board, 2015, Advisory – Active Soil Gas Investigations, July.

Depths-to-groundwater were measured in existing wells before soil gas sampling was conducted to confirm that soil gas samples were not collected within the groundwater capillary fringe. Groundwater measurements in the shallow monitoring wells ranged from approximately 11 to 12 feet below the top of casing (TOC) on July 21, 2017.

Soil gas sampling boreholes were abandoned by removing the sample tubing along with the sand and hydrated bentonite annular seal. A cement slurry was then tremie-grouted from the bottom of the boring to the ground surface.

4.3.3 Grab-Groundwater Sampling - July 2017

CPT/Hydropunch® groundwater sampling was conducted at eight locations (CPT-13 through CPT-20) from July 21, 2017 through July 26, 2017. The CPT sample locations are shown on Figure 3. Analytical results are summarized in Table 2 and presented on Figures 5 and 6.

HLENV contracted Gregg Drilling and Testing, Inc. of Martinez, California to advance the CPT borings and collect the grab-groundwater samples. All borings were hand augured in the upper five feet to clear utilities. After electronic lithologic data were collected from the original boring at each CPT location and the target sample depth was identified based on the CPT results, an additional boring (sub-boring) was advanced within one to two feet laterally from the initial boring to collect the groundwater samples.

The CPT/Hydropunch® grab-groundwater samples were collected as described below:

- Borings CPT-13, CPT-14, CPT-15, And CPT-20 were advanced to depths of 70 feet bgs. Three to four grab-groundwater samples were collected at each location. Target zones for each location were as follows: 1) the shallow zone, defined previously as about 9 to 24 feet bgs (now roughly defined as 5 to 25 feet bgs based on seasonal variations); 2) the deep zone, previously defined as about 28 to 45 feet bgs (now defined as the upper deep zone, roughly 25 to 50 feet bgs); and 3) in the next encountered permeable zone within the deep zone.

- Borings CPT-16, CPT-17, CPT-18, and CPT-19 were advanced to depths of 50 feet bgs. Two grab-groundwater samples were collected at each location. Target zones for each location were as follows: 1) the shallow zone, defined previously as about 9 to 24 feet bgs (now roughly defined as 5 to 25 feet bgs based on seasonal variations); 2) the deep zone, previously defined as about 28 to 45 feet bgs (now defined as the upper deep zone, roughly 25 to 50 feet bgs).

- CPT logs were generated in the field and the most permeable depths (i.e., coarse grained units) were identified. Grab-groundwater samples were collected in

BEACON

8915 Los Posas Court, Granite Bay, CA 95746 Tel: (916) 415-1134, FAX: (916) 415-1154

August 27, 2018

Mr. Tom Magney
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Subject: *Quarterly Groundwater Monitoring and Remediation Status Report –* ***Second Quarter 2018***
Sebastopol Road Commingled Plume Group

Tesoro Station 67109
921 Sebastopol Road
Santa Rosa, California

Former Gas Station
805 Sebastopol Road
Santa Rosa, California

Former Redwood Oil Gas Station
760 Sebastopol Road
Santa Rosa, California

Dear Mr. Magney:

RDM Environmental, Inc. (RDM) has been authorized by the Sebastopol Road Commingled Plume Group (CPG) to prepare this **Second Quarter 2018** groundwater monitoring and sampling report for the CPG project on Sebastopol Road, Santa Rosa, California. The project is comprised of three former leaking underground storage tank sites at (760, 805, and 921 Sebastopol Road). In addition, there is a remediation system associated with the project located at 816 Sebastopol Road (La Fondita Mexican Restaurant). The location of the project is illustrated on **Figure 1**. The features of the three sites (and 816) are illustrated on **Figure 2**. The groundwater monitoring and sampling was performed by RDM in accordance with the field methods and procedures described in **Enclosure A**. The 805 Site was granted closure independently from the other two sites and the wells were destroyed by March 30, 2017, and all the active remediation on all sites related to the CPG project has been discontinued since February 1, 2017 when rebound monitoring began.

Work Performed During the Second Quarter 2018:

- RDM conducted the Roseland School Indoor Air Monitoring field event on **April 5, 2018**.
- RDM performed groundwater sampling on **May 7 through 9, 2018.**
- RDM submitted the *Addendum to Work Plan for the Installation and Sampling of Soil Gas Wells – 760 and 816 Sebastopol Road and Roseland Elementary School* on **May 20, 2018**.

- RDM completed and submitted the *Annual Ambient Air Sample Results Report -2018* on **June 12, 2018.**

STATUS OF GROUNDWATER MONITORING

This project is subject to Cleanup and Abatement Order R1-2003-0010 (CAO) issued by the NCRWQCB on July 18, 2003. Currently, RDM is performing post-remediation groundwater monitoring at the 760 and 921 sites on a quarterly basis. The post-remediation monitoring was initiated in the first quarter 2017 following shutdown of the remediation systems. The NCRWQCB granted closure of the 805 site and all related monitoring wells were destroyed by March 30, 2017. RDM will not be working on the 805 Site in the future. The remaining sites (921 & 760) have a reduced quarterly monitoring schedule that was authorized by the NCRWQCB in its August 5, 2009 directive.

Groundwater Elevation Measurements and Flow Direction

RDM measured depth to groundwater in **48 of the 48 wells** on **May 7, 2018**. For 921, RDM measured depth to water in MW-1, MW-2, MW-3, MW-4, MW-5A, MW-6, MW-7A, MW-8, MW-9, DTSC-10, MW-10B, MW-11, MW-12, MW-13, MW-14A, MW-14B, MW-15A, MW-15B, RW-1, RW-2, and RW-3 and for 760, RDM measured depth to water in wells MW-1, MW-2, MW-3, MW-3B, MW-6, MW-7, DTSC-7, MW-9, MW-10, MW-11, MW-12, MW-12B, MW-13B, MW-16A, MW-16B, MW-17A, MW-17B, MW-18A, MW-19A, MW-20A, MW-21A, MW-22A, GW-2A, and GW-2BU. Monitoring well MW-5A (related to 760) was destroyed during the 805 well destruction activities and will no longer be sampled. Depth to groundwater ranged from **4.03** to **12.54** feet below the top of the well casings. Summaries of the groundwater table elevations measured to date at each site are presented in **Table 1** (for site 921), **Table 2** (for site 805), and **Table 3** (for site 760).

Utilizing the **May 7, 2018** depth to groundwater measurements and survey elevations of monitoring well casings, RDM prepared a groundwater elevation contour map (**Figure 3**). Historically, groundwater at the site generally flows south-southwest. During this sampling event, the groundwater flow direction beneath 760 was toward the southwest; beneath the La Fondita restaurant and Roseland School was toward the south; and beneath 921 was toward the south. The average gradient across the project area is approximately **0.004 ft/ft.** Groundwater monitoring and sampling field notes recorded during this quarterly monitoring event are included in **Enclosure B**.

Groundwater Sampling and Analytical Results

Groundwater samples were collected from **48 wells** on **May 7, 8, and 9, 2018**. The groundwater samples were submitted to Excelchem in Rocklin, California, for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX), total petroleum hydrocarbons as gasoline (TPHg), and the oxygenates methyl tertiary butyl ether (MTBE), di-isopropyl ether (DIPE), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), tertiary and butyl alcohol (TBA), by EPA Method 8260B. In addition to the above mentioned standard analytes, RDM also analyzed the samples for total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015. A summary of groundwater analytical results for each site is presented in **Tables 1, 2**, and **3**.

Distribution of dissolved petroleum hydrocarbon constituents (benzene, TPHg, TPHd, and MTBE) is illustrated on **Figures 4 through 7**. The highest benzene concentration was reported in well MW-6 (760) at 42.3 micrograms per liter (µg/L) and the highest concentration of TPHg was reported in MW-22A (760) at 4,380 µg/L. The highest TPHd concentration was reported in MW-3 (760) at 336 µg/L. The highest MTBE concentration was reported in MW-10B (921) at 51.0 µg/L. Copies of the laboratory analytical reports with chain-of-custody documentation are presented in **Enclosure C**.

STATUS OF REMEDIATION SYSTEM

Historically, active remediation was performed on sites 921, 816, and 760 Sebastopol Road. All three remediation systems were shut down on February 1, 2017, for the purpose of beginning the rebound groundwater monitoring phase. The NCRWQCB requested shutdown of the systems in its January 26, 2017 letter. A copy of the letter is included in **Enclosure D**. The NCRWQCB granted site closure for the 805 site and all related monitoring wells were destroyed by March 30, 2017.

The former remediation system at site 921 consisted of air sparging and bioventing. The air sparging system injected air into monitoring wells MW-1 and MW-3, and recovery wells RW-1 through RW-3. The biovent system injected air into the lateral soil vapor extraction lines.

During the third quarter 2017, RDM dismantled and removed the remediation system at 921. The property owner requested the removal of the system due to site redevelopment. The blower package, air compressor, the former groundwater storage tank, and related above-ground conduits and piping were removed and disposed. In addition, RDM profiled and transported two, 200-pound carbon units for disposal to the Instrat facility in Rio Vista.

The former remediation system on site 760 consisted of an air sparging system that injected air into sparging wells AS-1 through AS-15, and a biovent system that injected air into soil vapor extraction wells SVE-1 and SVE-2, monitoring wells MW-2 and MW-3, and horizontal lines HVL-1 through HVL-7.

The former ozone system on 816 was put into operation on November 7, 2013. The remediation system on site 816 was a 1.5 pound per day ozone sparge system consisting of an ozone generator combined with an air compressor connected to ozone sparge wells OS-1A/B, OS-3A/B, OS-4, OS-5A, OS-6A, OS-7A/B, OS-8A/B, and OS-9A/B. A process flow diagram for the remediation system is included in **Figure 8**.

Operation & Maintenance Site Visits

Operation and maintenance site visits were not conducted on the 921, 760, and 816 remediation systems during the **Second Quarter 2018.**

The former 816 ozone system was operated under a monitoring and reporting plan (MRP) that was developed based on the guidelines identified in the General Waste Discharge Requirements Order No. R1-2006-0107 (WDR). The MRP was tailored based on site specific conditions and also the analytical results of background groundwater samples collected prior to system startup. To monitor the ozone system performance, the MRP required additional groundwater and air monitoring. In addition to the normal quarterly monitoring samples from the related monitoring wells, the MRP requires additional WDR special

sampling from select wells. These select wells include MW-6, MW-8B, and MW-11 which are located on the 816 property but related to the 760 site. Historically, the special WDR sampling occurred quarterly (when the system was operating in the ozone mode) and included the following analysis: aluminum, antimony, arsenic, barium, beryllium, bromide, cadmium, total chromium, chromium VI, cobalt, copper, iron, lead, manganese, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, uranium, and zinc (**Table 4**); and chemical oxygen demand (COD), total dissolved solids (TDS), carbon dioxide (CO_2), bromate, dissolved oxygen (D.O.), oxidation reduction potential (ORP), temperature, pH, and electrical conductivity **(Table 5)**. Historically, the WDR special sampling also included analysis of BTEX, TPHg, TPHd, and fuel oxygenates. The ozone system was not operational during the **Second Quarter 2018** and RDM was not directed by the NCRWQCB to conduct the WDR special sampling.

SOIL GAS SURVEY

On May 21, 2015, RDM conducted a soil gas sampling event on soil gas monitoring wells VP-1 through VP-4 which are located on the 805 Sebastopol Road site. The locations of the former soil gas monitoring wells are illustrated on **Figure 9.** The soil sample analytical results from the installation of the soil gas monitoring wells are summarized in **Table 6**. The soil gas analytical results and *Low-Threat Underground Storage Tank Case Closure Policy* (LTCP) acceptable soil gas concentration criteria for both bioattenuation zone/no bioattentuation zone residential and commercial exposure scenarios are summarized in **Table 7.** Due to the results from the May 2015 initial soil gas survey event, RDM discontinued soil gas sampling at the 805 Sebastopol Road site.

In accordance with its *Work Plan for Installation and Sampling of Soil Gas Wells – 760 and 816 Sebastopol Road, and Roseland Elementary School*, dated May 2, 2017, as approved by the NCRWQCB, RDM installed soil vapor points VP-5 through VP-18 in late September 2017. Soil vapor samples were collected from VP-5 through VP-18 on **October 3 and 4, 2017**. RDM is in the process of conducting additional soil vapor sampling around VP-15. RDM has prepared and submitted an addendum to the work plan to install additional soil gas wells on May 20, 2018. With the additional vapor sampling results, RDM will produce a final results report in the **Third Quarter or Fourth Quarter 2018**.

Soil gas monitoring has not been performed at the 921 site because it's an active fuel service station.

CONCLUSIONS/RECOMMENDATIONS

Based on groundwater analytical results collected from the 760 and 921 sites' monitoring wells during the second quarter 2018, the concentrations of dissolved petroleum hydrocarbon chemicals of concern remain stable to decreasing and additional remediation is not warranted at this time. RDM recommends modifying the groundwater plan for the Site to a semi-annual basis for all the wells that are currently sampled quarterly and maintain existing schedule for the wells that are sampled annually. RDM recommends sampling all the wells during the second quarter (for the annual monitoring event), and reducing the number of wells sampled during the fourth quarter.

In March 2016, the State Water Resources Control Board (SWRCB) Underground Storage Tank Cleanup Fund issued a *Review Summary Report* (RSR) for the Sebastopol Road Commingled Plume case which included NCRWQCB comments and SWRCB responses. It was concluded that the site meets all eight general criteria in the LTCP, but that it did not meet the Groundwater Specific Criteria or the Vapor

Intrusion to Indoor Air for the 800/816 Sebastopol Road property which lies within the boundaries of the commingled plume. However, 800/816 is not one of the three properties that constitute the CPG. Based on this, the NCRWQCB submitted a directive on January 26, 2017 and recommended the following:

1. Shut down of the active remediation systems (air sparge/bioventing at 760 and 921 Sites and ozone sparging at the 800/816 property) and begin rebound monitoring **(RDM shutdown remediation systems on February 1, 2017);**
2. Perform full scan EPA 8260 analyses for VOCs on all groundwater samples collected during the next scheduled monitoring event and review laboratory chromatographs for recent and upcoming sampling events to verify that chlorinated VOCs from nearby former dry cleaner sites are not contributing to the TPHg values reported in the CPG plume (**completed by RDM in the first quarter 2017 sampling event);**
3. Submit a workplan to conduct a vapor intrusion evaluation for the sites and downgradient properties **(RDM submitted the work plan on May 2, 2017, and the work plan was approved by the NCRWQCB on September 13, 2017; vapor point wells VP-5 through VP-18 were installed in late September 2017 and the wells were sampled on October 3 and 4, 2017. Due to elevated vapor concentrations in the soil vapor sample collected from VP-15 (near school multipurpose room and temporary classrooms), RDM submitted a work plan addendum to investigate the elevated soil and vapor concentrations in the vicinity of VP-15 on May 20, 2018 - The addendum was approved August 9, 2018**;
4. Update the 1999 sensitive receptor survey to determine the presence and status of all active public or domestic water supply wells within a 1,000-foot radius of the defined CPG plume and submit a sampling plan for water supply wells in the area boundary (**RDM completed field reconnaissance for properties suspected to have domestic water wells in the first quarter 2017 and mailed out well status inquiry letters to the property owners on August 17, 2017. RDM conducted the door-to-door well search in mid-August 2017. RDM's *Domestic Well Sampling Plan for Wells in the Vicinity of the Sebastopol Road Commingled Group*, dated January 9, 2018 (work plan), was approved by the NCRWQCB on April 10, 2018. Groundwater samples will be collected from select water supply wells located within 1,000 feet of the defined CPG plume boundary to evaluate if they are impacted by fuel-related contaminates emanating from the CPG site. RDM anticipates completing the water well sampling outlined in the work plan by the end of the third quarter 2018).**
5. Prepare an updated Conceptual Site Model (CSM) to compile all historic data from each of the three CPG sites into a single document. The updated CSM is to include the results of the additional tasks requested by the SWRCB's March 2016 RSR **(RDM anticipates completing this task in the next 6 months).**

RDM concurs with the SWRCB's RSR recommendations and the NCRWCB directive and has completed approximately two-thirds of the recommended tasks (discussed above). RDM plans to complete the rest of the tasks by the first quarter 2019 pending the USTCF's approval of the fiscal year 2018/2019 Project Execution Plan and annual budget which are currently being prepared by RDM and the Commingled Plume Group.

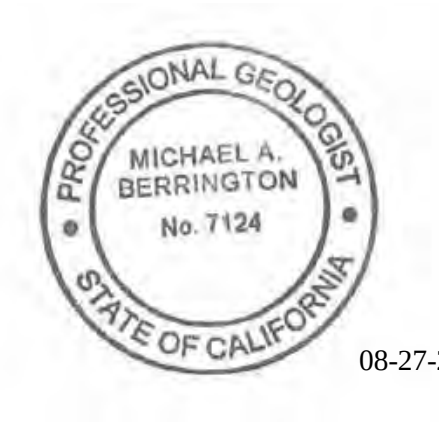
The interpretations contained in this report represent our professional opinions and are based, in part, on information supplied by the client. These opinions are based on currently available information and are

arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

If you have any questions concerning this project, please contact Richard Munsch at (916) 415-1134.

RDM ENVIRONMENTAL INC.

Richard D. Munsch
Project Manager



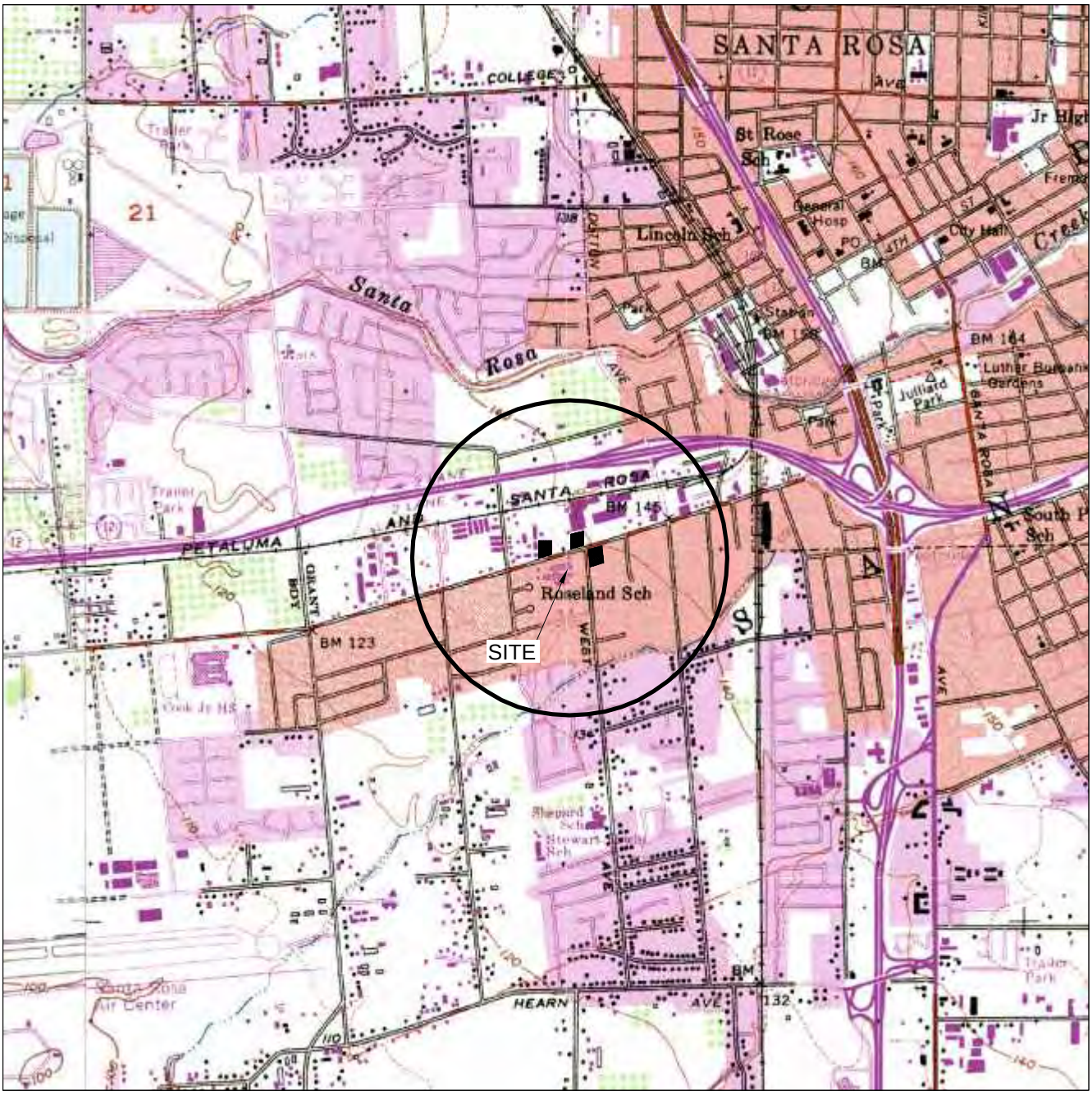
Michael A. Berrington, P.G.
California Professional Geologist No. 7124 08-27-2018

RDM (Final - Commingled Plume 2QM18)

cc: Mr. Peter Van Alyea, Redwood Oil Company
Ms. Chris Brown, North State Environmental
Mr. Danny Monson, Tesoro Petroleum Co., Inc.
Ms. Brittany Frost, ChevronTexaco

Enclosures:

- Enclosure A: Field Methods and Procedures
- Enclosure B: Groundwater Sampling Information Sheets
- Enclosure C: Groundwater Monitoring Analytical Results
- Enclosure D: The NCRWQCB Letter dated January 26, 2017



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
SANTA ROSA, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980

N

0 2000 FT

SCALE 1:24,000

QUADRANGLE LOCATION

FIGURE 1

SITE LOCATION MAP

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CA.

PROJECT NO. RO-SR.001	DRAWN BY M.L. 2/23/06
FILE NO. Location Map	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental

LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	DESTROYED WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
VP-19	PROPOSED SOIL GAS WELL

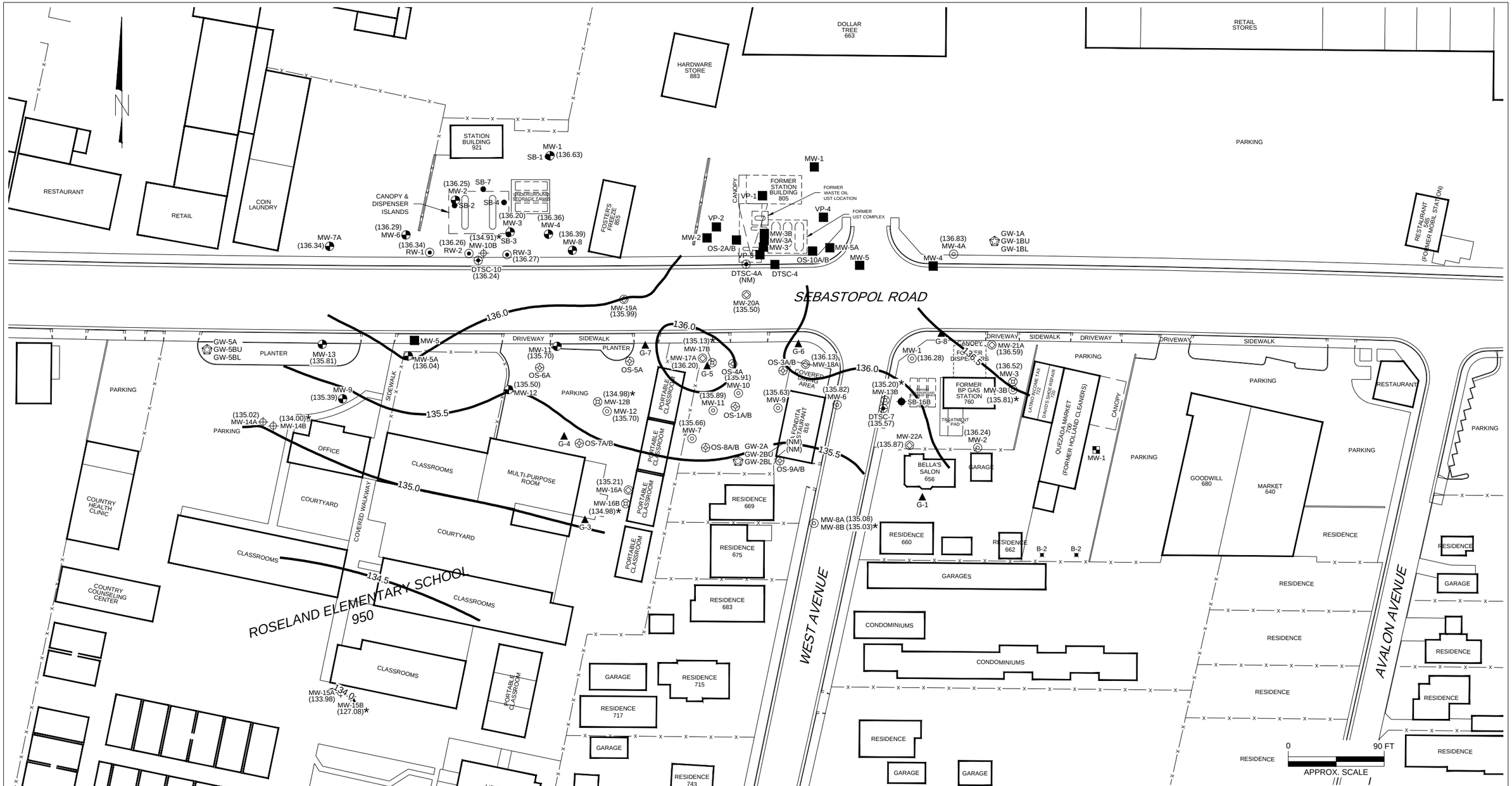
FIGURE 2

SITE AREA MAP

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 4/5/17
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 7	REVIEWED BY

RDM Environmental



LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(136.28)	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
132.5	WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL
NM	NOT MEASURED

* NOT USED FOR CONTOUR CONSTRUCTION

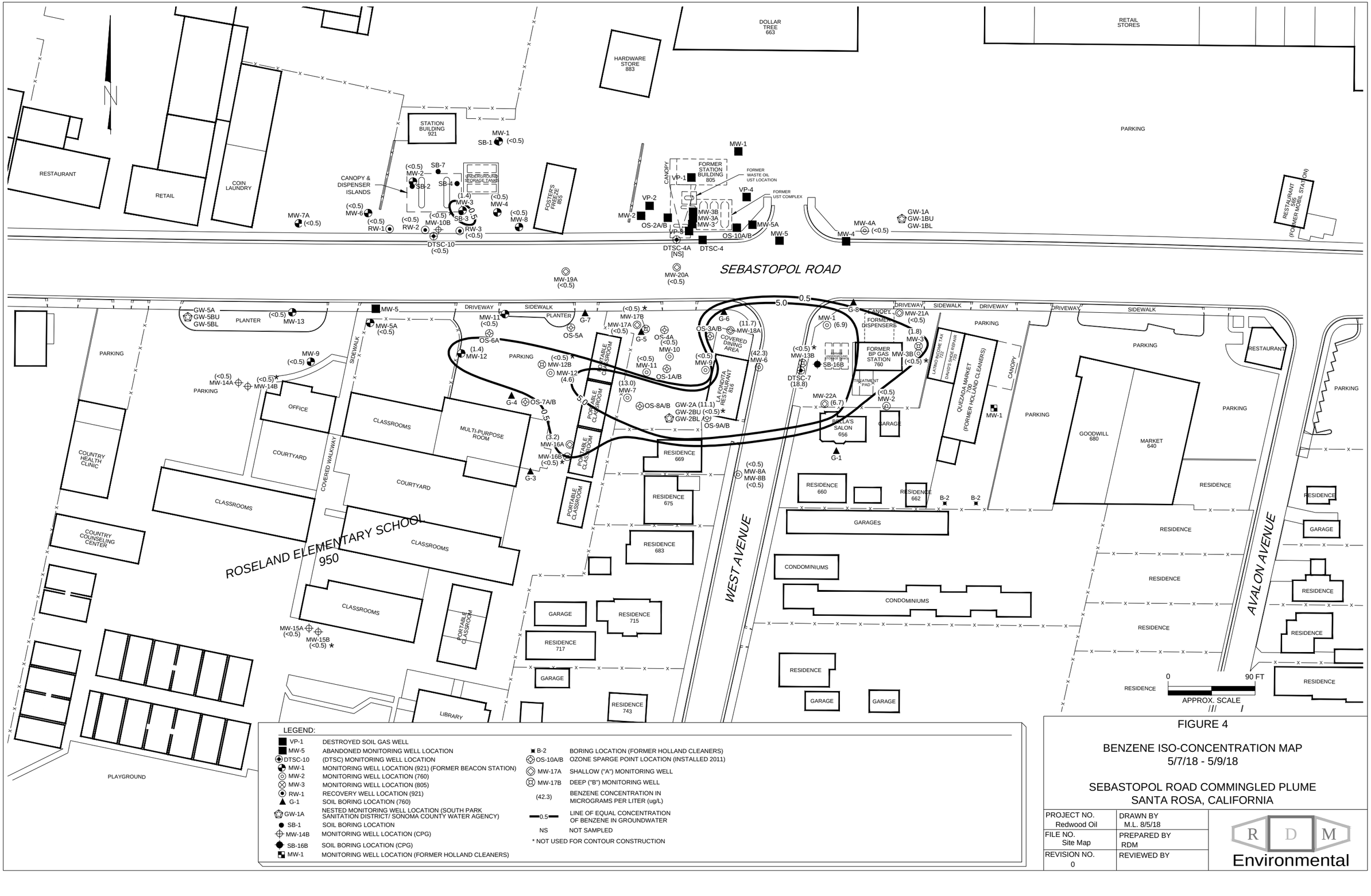
FIGURE 3

GROUNDWATER ELEVATION CONTOUR MAP
5/7/18 - 5/9/18

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 8/5/18
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

R D M Environmental



LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(42.3)	BENZENE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
0.5	LINE OF EQUAL CONCENTRATION OF BENZENE IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

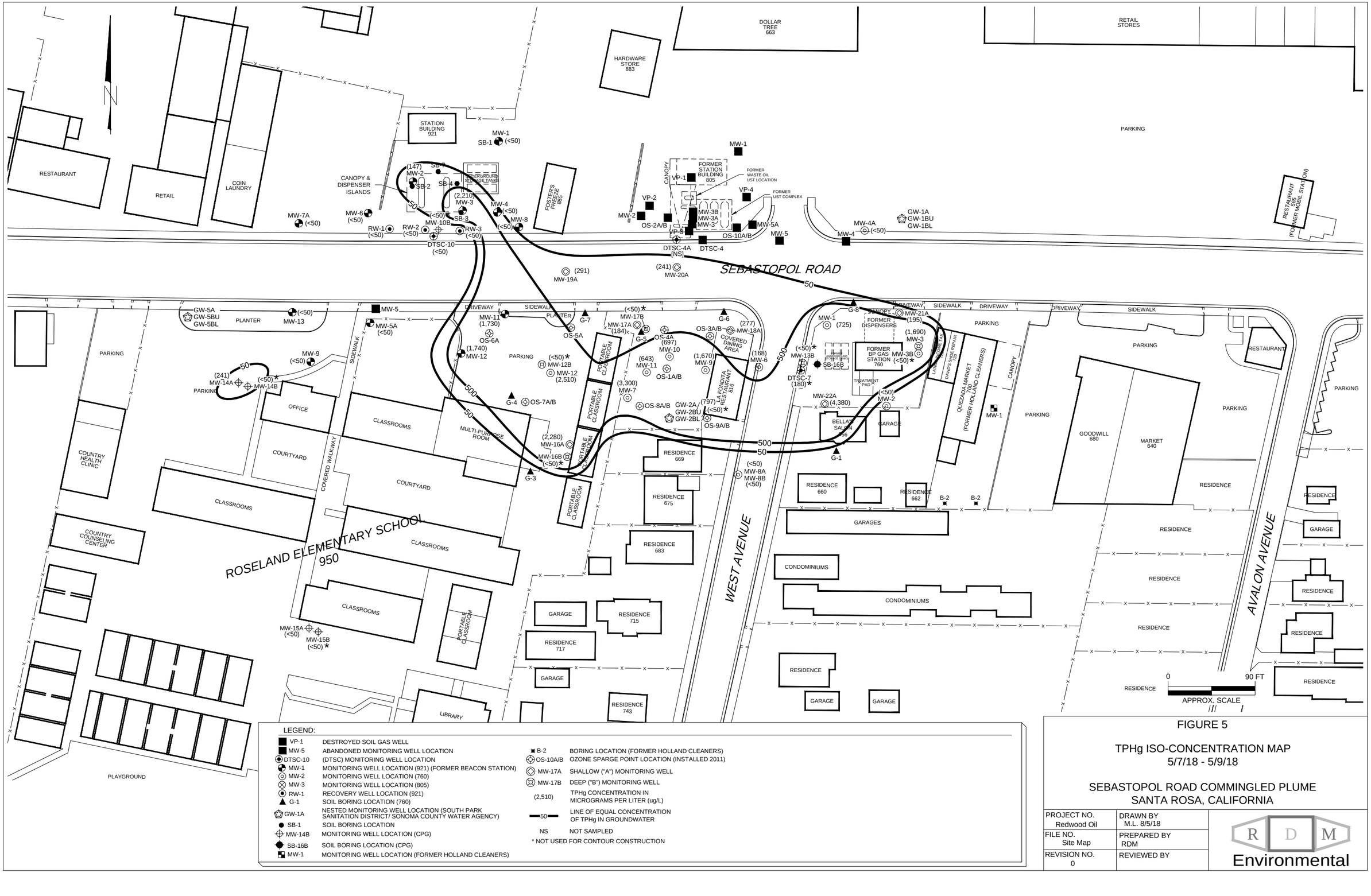
FIGURE 4

BENZENE ISO-CONCENTRATION MAP
5/7/18 - 5/9/18

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 8/5/18
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

RDM Environmental



LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(2,510)	TPHg CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
50	LINE OF EQUAL CONCENTRATION OF TPHg IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

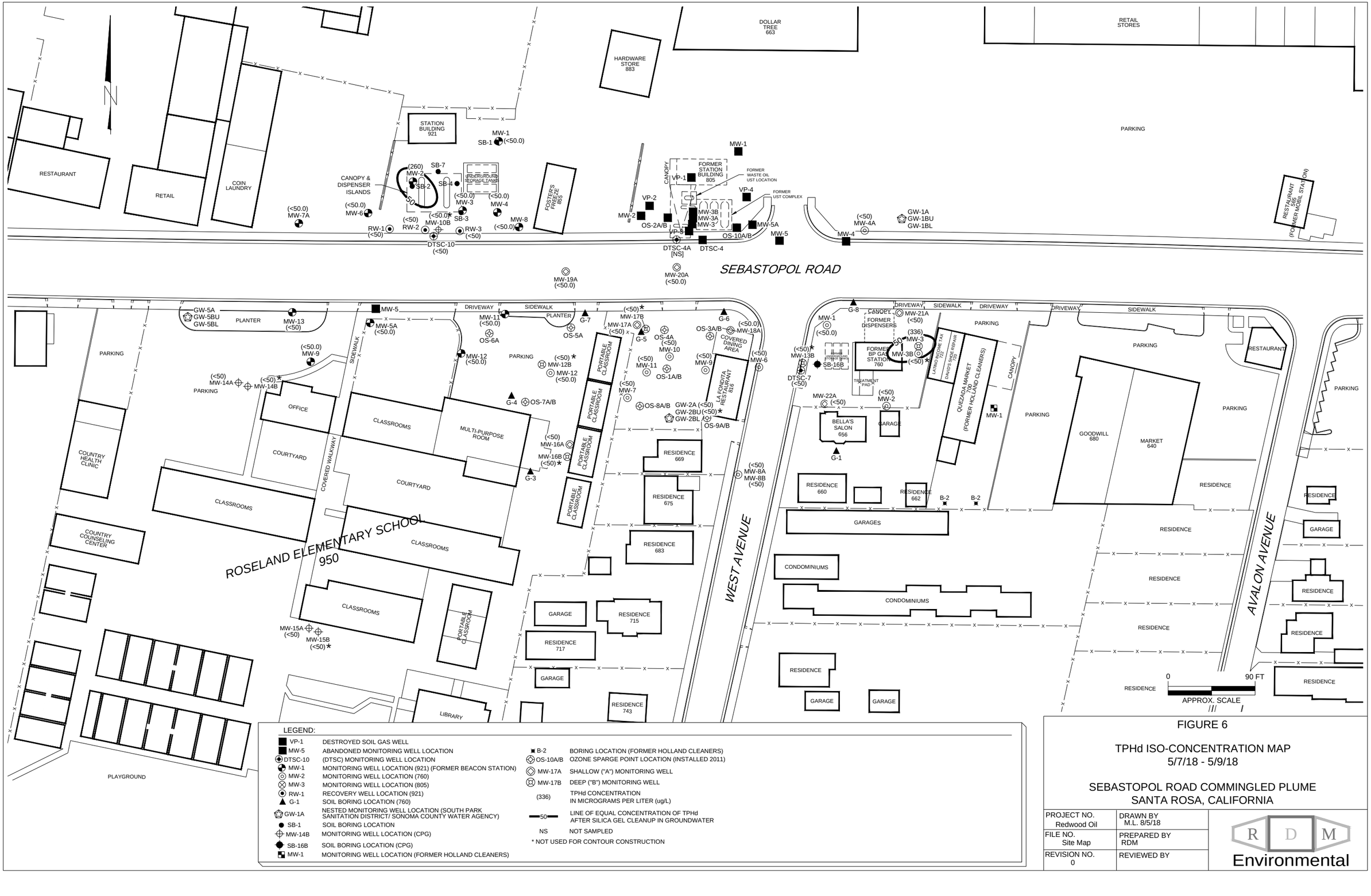
FIGURE 5

TPHg ISO-CONCENTRATION MAP
5/7/18 - 5/9/18

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 8/5/18
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

R D M Environmental



LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(336)	TPHd CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
50	LINE OF EQUAL CONCENTRATION OF TPHd AFTER SILICA GEL CLEANUP IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

FIGURE 6

TPHd ISO-CONCENTRATION MAP
5/7/18 - 5/9/18

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 8/5/18
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

R D M Environmental

LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(51.0)	MTBE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
0.5	LINE OF EQUAL CONCENTRATION OF MTBE IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

FIGURE 7

MTBE ISO-CONCENTRATION MAP
5/7/18 - 5/9/18

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 8/5/18
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

R D M Environmental

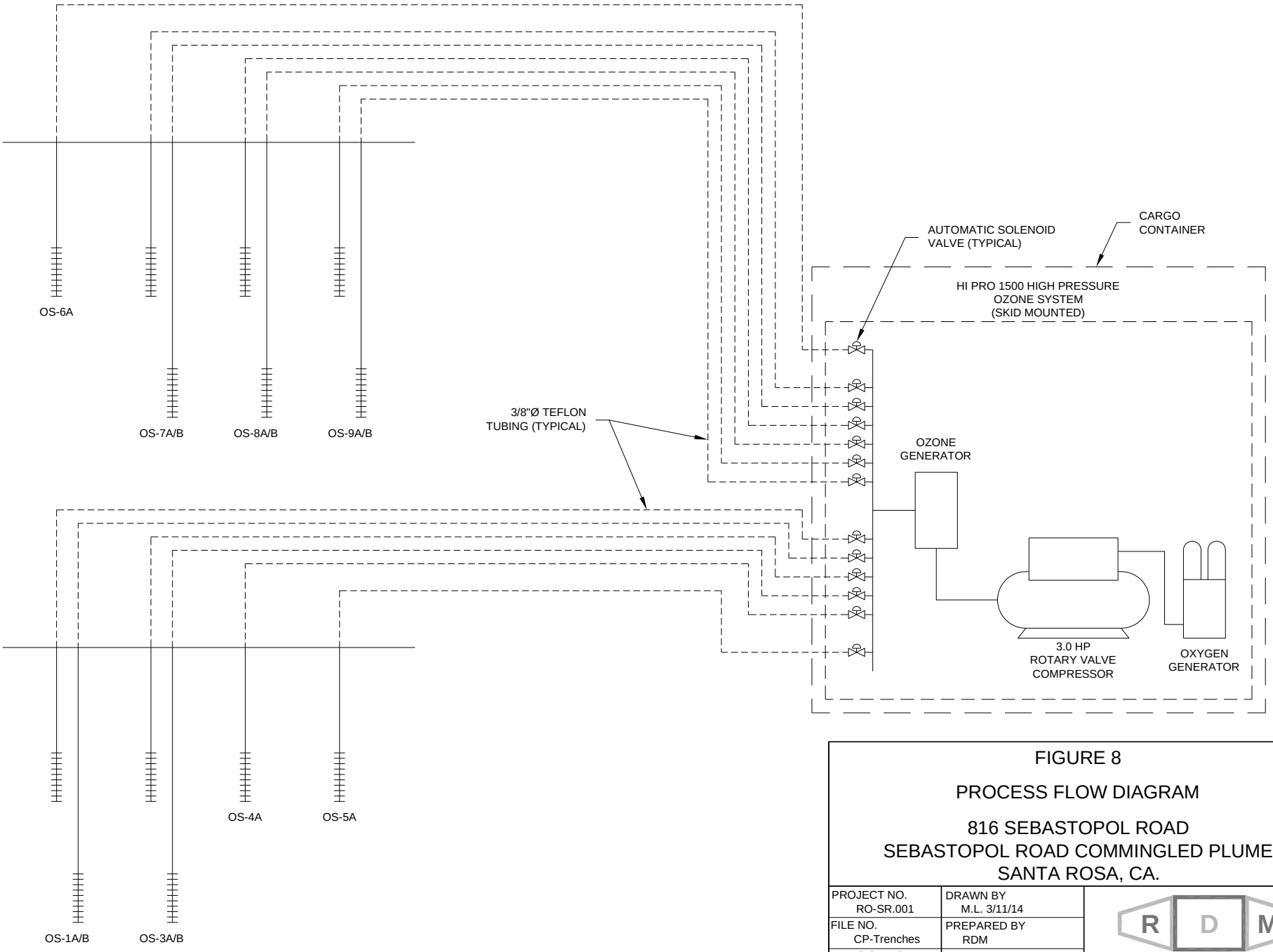


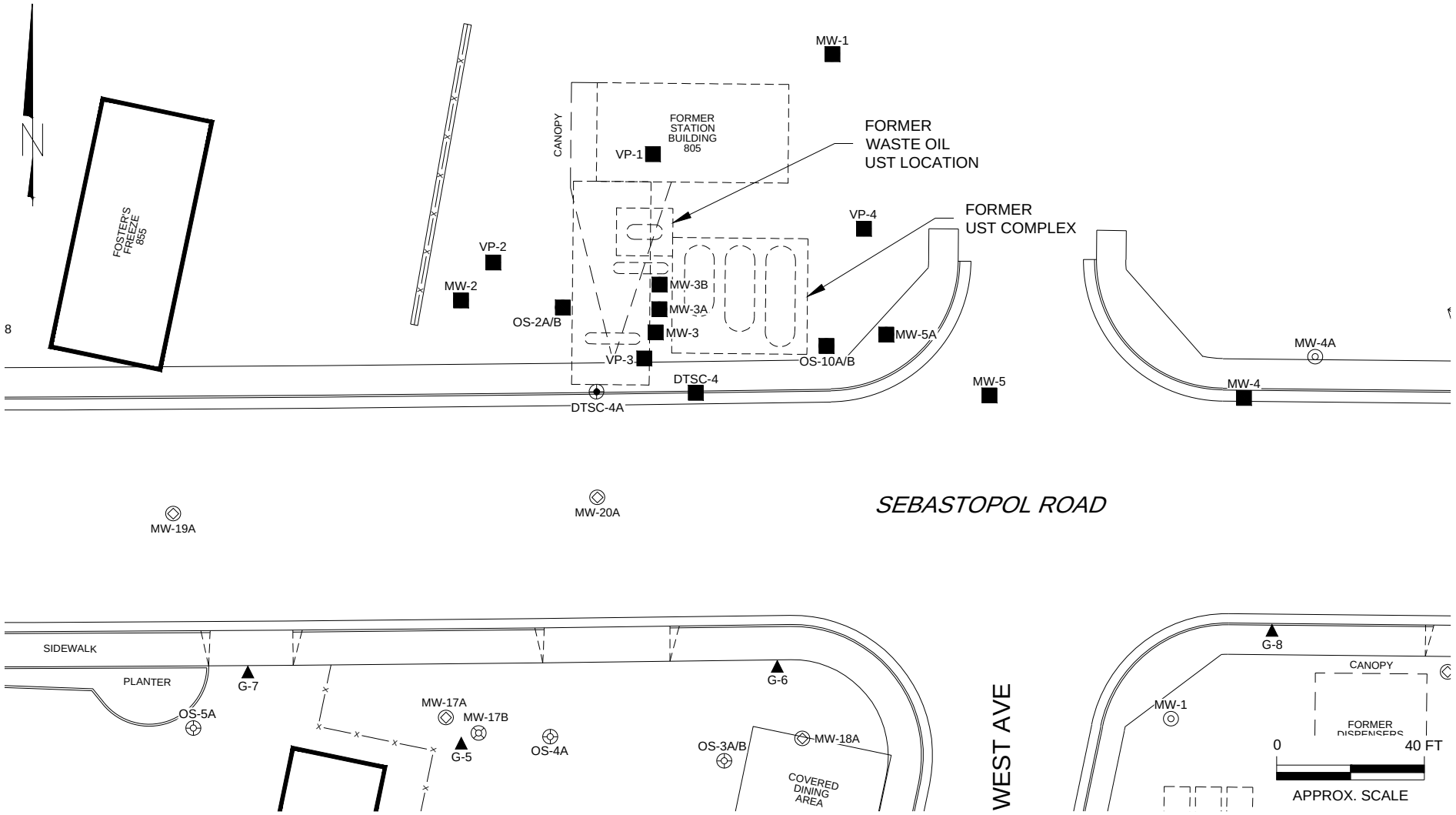
FIGURE 8

PROCESS FLOW DIAGRAM

816 SEBASTOPOL ROAD
SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CA.

PROJECT NO. RO-SR.001	DRAWN BY M.L. 3/11/14
FILE NO. CP-Trenches	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental



LEGEND:

MW-5	DESTROYED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
G-1	SOIL BORING LOCATION (760)
GW-5A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
OS-6A	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-19A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
OS-10A/B	DESTROYED OZONE SPARGE POINT LOCATION
VP-4	DESTROYED SOIL GAS WELL LOCATION

FIGURE 9

SOIL VAPOR WELL LOCATIONS - 805

805 SEBASTOPOL ROAD
SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 4/4/17
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental

8915 Los Posas Court, Granite Bay, CA 95746 Tel: (916) 415-1134, FAX: (916) 415-1154

August 27, 2018

Mr. Tom Magney
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Subject: *Quarterly Groundwater Monitoring and Remediation Status Report –* ***Second Quarter 2018***
Sebastopol Road Commingled Plume Group

Tesoro Station 67109
921 Sebastopol Road
Santa Rosa, California

Former Gas Station
805 Sebastopol Road
Santa Rosa, California

Former Redwood Oil Gas Station
760 Sebastopol Road
Santa Rosa, California

Dear Mr. Magney:

RDM Environmental, Inc. (RDM) has been authorized by the Sebastopol Road Commingled Plume Group (CPG) to prepare this **Second Quarter 2018** groundwater monitoring and sampling report for the CPG project on Sebastopol Road, Santa Rosa, California. The project is comprised of three former leaking underground storage tank sites at (760, 805, and 921 Sebastopol Road). In addition, there is a remediation system associated with the project located at 816 Sebastopol Road (La Fondita Mexican Restaurant). The location of the project is illustrated on **Figure 1**. The features of the three sites (and 816) are illustrated on **Figure 2**. The groundwater monitoring and sampling was performed by RDM in accordance with the field methods and procedures described in **Enclosure A**. The 805 Site was granted closure independently from the other two sites and the wells were destroyed by March 30, 2017, and all the active remediation on all sites related to the CPG project has been discontinued since February 1, 2017 when rebound monitoring began.

Work Performed During the Second Quarter 2018:

- RDM conducted the Roseland School Indoor Air Monitoring field event on **April 5, 2018**.
- RDM performed groundwater sampling on **May 7 through 9, 2018.**
- RDM submitted the *Addendum to Work Plan for the Installation and Sampling of Soil Gas Wells – 760 and 816 Sebastopol Road and Roseland Elementary School* on **May 20, 2018**.

- RDM completed and submitted the *Annual Ambient Air Sample Results Report -2018* on **June 12, 2018.**

STATUS OF GROUNDWATER MONITORING

This project is subject to Cleanup and Abatement Order R1-2003-0010 (CAO) issued by the NCRWQCB on July 18, 2003. Currently, RDM is performing post-remediation groundwater monitoring at the 760 and 921 sites on a quarterly basis. The post-remediation monitoring was initiated in the first quarter 2017 following shutdown of the remediation systems. The NCRWQCB granted closure of the 805 site and all related monitoring wells were destroyed by March 30, 2017. RDM will not be working on the 805 Site in the future. The remaining sites (921 & 760) have a reduced quarterly monitoring schedule that was authorized by the NCRWQCB in its August 5, 2009 directive.

Groundwater Elevation Measurements and Flow Direction

RDM measured depth to groundwater in **48 of the 48 wells** on **May 7, 2018**. For 921, RDM measured depth to water in MW-1, MW-2, MW-3, MW-4, MW-5A, MW-6, MW-7A, MW-8, MW-9, DTSC-10, MW-10B, MW-11, MW-12, MW-13, MW-14A, MW-14B, MW-15A, MW-15B, RW-1, RW-2, and RW-3 and for 760, RDM measured depth to water in wells MW-1, MW-2, MW-3, MW-3B, MW-6, MW-7, DTSC-7, MW-9, MW-10, MW-11, MW-12, MW-12B, MW-13B, MW-16A, MW-16B, MW-17A, MW-17B, MW-18A, MW-19A, MW-20A, MW-21A, MW-22A, GW-2A, and GW-2BU. Monitoring well MW-5A (related to 760) was destroyed during the 805 well destruction activities and will no longer be sampled. Depth to groundwater ranged from **4.03** to **12.54** feet below the top of the well casings. Summaries of the groundwater table elevations measured to date at each site are presented in **Table 1** (for site 921), **Table 2** (for site 805), and **Table 3** (for site 760).

Utilizing the **May 7, 2018** depth to groundwater measurements and survey elevations of monitoring well casings, RDM prepared a groundwater elevation contour map (**Figure 3**). Historically, groundwater at the site generally flows south-southwest. During this sampling event, the groundwater flow direction beneath 760 was toward the southwest; beneath the La Fondita restaurant and Roseland School was toward the south; and beneath 921 was toward the south. The average gradient across the project area is approximately **0.004 ft/ft.** Groundwater monitoring and sampling field notes recorded during this quarterly monitoring event are included in **Enclosure B**.

Groundwater Sampling and Analytical Results

Groundwater samples were collected from **48 wells** on **May 7, 8, and 9, 2018**. The groundwater samples were submitted to Excelchem in Rocklin, California, for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX), total petroleum hydrocarbons as gasoline (TPHg), and the oxygenates methyl tertiary butyl ether (MTBE), di-isopropyl ether (DIPE), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), tertiary and butyl alcohol (TBA), by EPA Method 8260B. In addition to the above mentioned standard analytes, RDM also analyzed the samples for total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015. A summary of groundwater analytical results for each site is presented in **Tables 1, 2**, and **3**.

Distribution of dissolved petroleum hydrocarbon constituents (benzene, TPHg, TPHd, and MTBE) is illustrated on **Figures 4 through 7**. The highest benzene concentration was reported in well MW-6 (760) at 42.3 micrograms per liter (µg/L) and the highest concentration of TPHg was reported in MW-22A (760) at 4,380 µg/L. The highest TPHd concentration was reported in MW-3 (760) at 336 µg/L. The highest MTBE concentration was reported in MW-10B (921) at 51.0 µg/L. Copies of the laboratory analytical reports with chain-of-custody documentation are presented in **Enclosure C**.

STATUS OF REMEDIATION SYSTEM

Historically, active remediation was performed on sites 921, 816, and 760 Sebastopol Road. All three remediation systems were shut down on February 1, 2017, for the purpose of beginning the rebound groundwater monitoring phase. The NCRWQCB requested shutdown of the systems in its January 26, 2017 letter. A copy of the letter is included in **Enclosure D**. The NCRWQCB granted site closure for the 805 site and all related monitoring wells were destroyed by March 30, 2017.

The former remediation system at site 921 consisted of air sparging and bioventing. The air sparging system injected air into monitoring wells MW-1 and MW-3, and recovery wells RW-1 through RW-3. The biovent system injected air into the lateral soil vapor extraction lines.

During the third quarter 2017, RDM dismantled and removed the remediation system at 921. The property owner requested the removal of the system due to site redevelopment. The blower package, air compressor, the former groundwater storage tank, and related above-ground conduits and piping were removed and disposed. In addition, RDM profiled and transported two, 200-pound carbon units for disposal to the Instrat facility in Rio Vista.

The former remediation system on site 760 consisted of an air sparging system that injected air into sparging wells AS-1 through AS-15, and a biovent system that injected air into soil vapor extraction wells SVE-1 and SVE-2, monitoring wells MW-2 and MW-3, and horizontal lines HVL-1 through HVL-7.

The former ozone system on 816 was put into operation on November 7, 2013. The remediation system on site 816 was a 1.5 pound per day ozone sparge system consisting of an ozone generator combined with an air compressor connected to ozone sparge wells OS-1A/B, OS-3A/B, OS-4, OS-5A, OS-6A, OS-7A/B, OS-8A/B, and OS-9A/B. A process flow diagram for the remediation system is included in **Figure 8**.

Operation & Maintenance Site Visits

Operation and maintenance site visits were not conducted on the 921, 760, and 816 remediation systems during the **Second Quarter 2018.**

The former 816 ozone system was operated under a monitoring and reporting plan (MRP) that was developed based on the guidelines identified in the General Waste Discharge Requirements Order No. R1-2006-0107 (WDR). The MRP was tailored based on site specific conditions and also the analytical results of background groundwater samples collected prior to system startup. To monitor the ozone system performance, the MRP required additional groundwater and air monitoring. In addition to the normal quarterly monitoring samples from the related monitoring wells, the MRP requires additional WDR special

sampling from select wells. These select wells include MW-6, MW-8B, and MW-11 which are located on the 816 property but related to the 760 site. Historically, the special WDR sampling occurred quarterly (when the system was operating in the ozone mode) and included the following analysis: aluminum, antimony, arsenic, barium, beryllium, bromide, cadmium, total chromium, chromium VI, cobalt, copper, iron, lead, manganese, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, uranium, and zinc (**Table 4**); and chemical oxygen demand (COD), total dissolved solids (TDS), carbon dioxide (CO_2), bromate, dissolved oxygen (D.O.), oxidation reduction potential (ORP), temperature, pH, and electrical conductivity **(Table 5)**. Historically, the WDR special sampling also included analysis of BTEX, TPHg, TPHd, and fuel oxygenates. The ozone system was not operational during the **Second Quarter 2018** and RDM was not directed by the NCRWQCB to conduct the WDR special sampling.

SOIL GAS SURVEY

On May 21, 2015, RDM conducted a soil gas sampling event on soil gas monitoring wells VP-1 through VP-4 which are located on the 805 Sebastopol Road site. The locations of the former soil gas monitoring wells are illustrated on **Figure 9.** The soil sample analytical results from the installation of the soil gas monitoring wells are summarized in **Table 6**. The soil gas analytical results and *Low-Threat Underground Storage Tank Case Closure Policy* (LTCP) acceptable soil gas concentration criteria for both bioattenuation zone/no bioattentuation zone residential and commercial exposure scenarios are summarized in **Table 7.** Due to the results from the May 2015 initial soil gas survey event, RDM discontinued soil gas sampling at the 805 Sebastopol Road site.

In accordance with its *Work Plan for Installation and Sampling of Soil Gas Wells – 760 and 816 Sebastopol Road, and Roseland Elementary School*, dated May 2, 2017, as approved by the NCRWQCB, RDM installed soil vapor points VP-5 through VP-18 in late September 2017. Soil vapor samples were collected from VP-5 through VP-18 on **October 3 and 4, 2017**. RDM is in the process of conducting additional soil vapor sampling around VP-15. RDM has prepared and submitted an addendum to the work plan to install additional soil gas wells on May 20, 2018. With the additional vapor sampling results, RDM will produce a final results report in the **Third Quarter or Fourth Quarter 2018**.

Soil gas monitoring has not been performed at the 921 site because it's an active fuel service station.

CONCLUSIONS/RECOMMENDATIONS

Based on groundwater analytical results collected from the 760 and 921 sites' monitoring wells during the second quarter 2018, the concentrations of dissolved petroleum hydrocarbon chemicals of concern remain stable to decreasing and additional remediation is not warranted at this time. RDM recommends modifying the groundwater plan for the Site to a semi-annual basis for all the wells that are currently sampled quarterly and maintain existing schedule for the wells that are sampled annually. RDM recommends sampling all the wells during the second quarter (for the annual monitoring event), and reducing the number of wells sampled during the fourth quarter.

In March 2016, the State Water Resources Control Board (SWRCB) Underground Storage Tank Cleanup Fund issued a *Review Summary Report* (RSR) for the Sebastopol Road Commingled Plume case which included NCRWQCB comments and SWRCB responses. It was concluded that the site meets all eight general criteria in the LTCP, but that it did not meet the Groundwater Specific Criteria or the Vapor

Intrusion to Indoor Air for the 800/816 Sebastopol Road property which lies within the boundaries of the commingled plume. However, 800/816 is not one of the three properties that constitute the CPG. Based on this, the NCRWQCB submitted a directive on January 26, 2017 and recommended the following:

1. Shut down of the active remediation systems (air sparge/bioventing at 760 and 921 Sites and ozone sparging at the 800/816 property) and begin rebound monitoring **(RDM shutdown remediation systems on February 1, 2017);**
2. Perform full scan EPA 8260 analyses for VOCs on all groundwater samples collected during the next scheduled monitoring event and review laboratory chromatographs for recent and upcoming sampling events to verify that chlorinated VOCs from nearby former dry cleaner sites are not contributing to the TPHg values reported in the CPG plume (**completed by RDM in the first quarter 2017 sampling event);**
3. Submit a workplan to conduct a vapor intrusion evaluation for the sites and downgradient properties **(RDM submitted the work plan on May 2, 2017, and the work plan was approved by the NCRWQCB on September 13, 2017; vapor point wells VP-5 through VP-18 were installed in late September 2017 and the wells were sampled on October 3 and 4, 2017. Due to elevated vapor concentrations in the soil vapor sample collected from VP-15 (near school multipurpose room and temporary classrooms), RDM submitted a work plan addendum to investigate the elevated soil and vapor concentrations in the vicinity of VP-15 on May 20, 2018 - The addendum was approved August 9, 2018**;
4. Update the 1999 sensitive receptor survey to determine the presence and status of all active public or domestic water supply wells within a 1,000-foot radius of the defined CPG plume and submit a sampling plan for water supply wells in the area boundary (**RDM completed field reconnaissance for properties suspected to have domestic water wells in the first quarter 2017 and mailed out well status inquiry letters to the property owners on August 17, 2017. RDM conducted the door-to-door well search in mid-August 2017. RDM's *Domestic Well Sampling Plan for Wells in the Vicinity of the Sebastopol Road Commingled Group*, dated January 9, 2018 (work plan), was approved by the NCRWQCB on April 10, 2018. Groundwater samples will be collected from select water supply wells located within 1,000 feet of the defined CPG plume boundary to evaluate if they are impacted by fuel-related contaminates emanating from the CPG site. RDM anticipates completing the water well sampling outlined in the work plan by the end of the third quarter 2018).**
5. Prepare an updated Conceptual Site Model (CSM) to compile all historic data from each of the three CPG sites into a single document. The updated CSM is to include the results of the additional tasks requested by the SWRCB's March 2016 RSR **(RDM anticipates completing this task in the next 6 months).**

RDM concurs with the SWRCB's RSR recommendations and the NCRWCB directive and has completed approximately two-thirds of the recommended tasks (discussed above). RDM plans to complete the rest of the tasks by the first quarter 2019 pending the USTCF's approval of the fiscal year 2018/2019 Project Execution Plan and annual budget which are currently being prepared by RDM and the Commingled Plume Group.

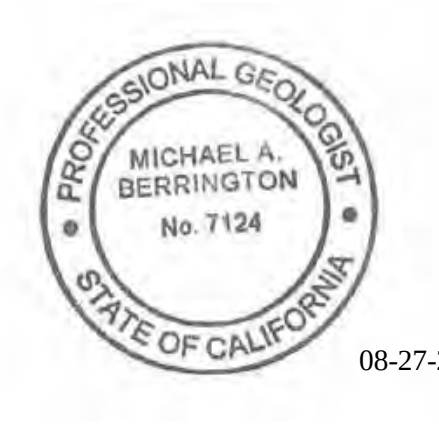
The interpretations contained in this report represent our professional opinions and are based, in part, on information supplied by the client. These opinions are based on currently available information and are

arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

If you have any questions concerning this project, please contact Richard Munsch at (916) 415-1134.

RDM ENVIRONMENTAL INC.

Richard D. Munsch
Project Manager



Michael A. Berrington, P.G.
California Professional Geologist No. 7124 08-27-2018

RDM (Final - Commingled Plume 2QM18)

cc: Mr. Peter Van Alyea, Redwood Oil Company
Ms. Chris Brown, North State Environmental
Mr. Danny Monson, Tesoro Petroleum Co., Inc.
Ms. Brittany Frost, ChevronTexaco

Enclosures:

- Enclosure A: Field Methods and Procedures
- Enclosure B: Groundwater Sampling Information Sheets
- Enclosure C: Groundwater Monitoring Analytical Results
- Enclosure D: The NCRWQCB Letter dated January 26, 2017

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-1	12/19/00	10.56	129.03	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
139.59	03/22/01	5.80	133.79	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
(9'-29.5')	06/26/01	10.29	129.30	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
4"	09/11/01	13.38	126.21	--	--	--	--	--	--	--	--	
	10/16/01	13.88	125.71	--	--	--	--	--	--	--	--	
	11/13/01	9.08	130.51	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
142.13	12/07/01	--	--	--	--	--	--	--	--	--	--	
	12/11/01	4.91	137.22	--	--	--	--	--	--	--	--	
	01/15/02	3.31	138.82	--	--	--	--	--	--	--	--	
	02/12/02	5.74	136.39	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
	03/12/02	4.85	137.28	--	--	--	--	--	--	--	--	
	04/16/02	6.00	136.13	--	--	--	--	--	--	--	--	
	05/14/02	8.20	133.93	<0.50	<0.50	<0.50	<0.50	<50	<0.50			ND
	06/11/02	9.47	132.66	--	--	--	--	--	--	--	--	
	07/16/02	11.31	130.82	--	--	--	--	--	--	--	--	
	08/13/02	12.48	129.65	<0.50	<0.50	<0.50	<0.50	<50	1.1			
	12/02/02	12.21	129.92	<0.50	<0.50	<0.50	<0.50	<50	20	<0.50		
	03/05/03	5.16	136.97	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	06/12/03	6.51	135.62	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	09/16/03	11.35	130.78	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		TBA: 5
	12/16/03	7.61	134.52	<0.50	<0.50	<0.50	<0.50	<50	10	<0.50		
	03/15/04	5.45	136.68	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		ND
	06/16/04	9.16	132.97	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		ND
	09/13/04	12.27	129.86	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/13/04	8.54	133.59	<0.50	<0.50	<0.50	<0.50	<50	5.0	<0.50		ND
	03/01/05	5.40	136.73	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/08/05	6.00	136.13	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/07/05	10.38	131.75	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/14/05	8.15	133.98	<0.50	<0.50	<0.50	<0.50	<50	5.8	<0.50		ND
	03/07/06	4.76	137.37	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/07/06	6.44	135.69	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.50	133.63	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	PERC: 0.75	
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.06	133.07	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	5.83	136.30	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-1	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
142.13	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(9'-29.5')	05/05/10	5.78	136.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/04/11	5.48	136.65	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.25	135.89	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd = 56 ppb
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/30/13	9.62	132.51	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd = 78 ppb
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/10/14	5.19	136.94	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd <50
	08/07/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/01/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/18/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	8.66	133.47	<0.5	<0.5	<0.5	<1.0	110	<0.5	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/2015 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16-2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	7.43	134.70	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 69.7
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17 - 2-9-17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	6.92	135.21	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17-9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17-12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/18 - 2/9/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	5/7/18 - 5/9/18	**5.50**	**136.63**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**0.6**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-2	12/19/00	10.54	128.60	<5.0	<5.0	120	330	3,600	700			
139.14	03/22/01	5.61	133.53	1.3	<0.5	2.0	2.7	290	240			
(4.5'-29.5')	06/26/01	10.44	128.70	22	1.3	3.3	4.8	1,100	<0.5			
4"	09/11/01	13.50	125.64	--	--	--	--	--	--	--	--	
	10/16/01	14.05	125.09	--	--	--	--	--	--	--	--	
	11/13/01	7.33	131.81	11	1.2	33.0	41	1,200	320			TBA: 22
141.66	12/07/01	--	--	--	--	--	--	--	--	--	--	
	12/11/01	3.98	137.68	--	--	--	--	--	--	--	--	
	01/15/02	3.64	138.02	--	--	--	--	--	--	--	--	
	02/12/02	5.31	136.35	2.5	--	8.0	8.3	1,200	150			TBA: 11
	03/12/02	5.08	136.58	--	--	--	--	--	--	--	--	
	04/16/02	6.01	135.65	--	--	--	--	--	--	--	--	
	05/14/02	8.14	133.52	25	--	12	23	1,100	190			TBA: 9.7
	06/11/02	9.63	132.03	--	--	--	--	--	--	--	--	
	07/16/02	11.35	130.31	--	--	--	--	--	--	--	--	
	08/13/02	12.76	128.90	6.9	--	<1.0	1.0	630	360			TBA: 19 TAME: 2.5
	12/02/02	12.11	129.55	2.8	--	10	14	400	400	<1.0		TBA: 13 TAME: 1.9
	03/05/03	5.46	136.20	6.5	--	14	33	2,000	280	<1.0		TBA: 5.8
	06/12/03	6.55	135.11	0.59	--	2.4	2	240	100	<0.50		TBA: 29 TAME: 1.10
	16/09/03	11.53	130.13	1.3	--	<0.50	<0.50	300	190			TBA:83 TAME:0.56
	12/16/03	6.50	135.16	1.5	--	5.4	4	500	140	<0.50		TBA: 77
	03/15/04	5.26	136.40	0.56	--	<0.50	<0.50	210	64	<0.50		TBA: 18
	06/16/04	9.35	132.31	33	--	7.8	13	1,400	56	<0.50		TBA: 38
	09/13/04	12.68	128.98	<0.50	--	<0.50	<0.50	340	61	<0.50		TBA: 30
	12/13/04	7.60	134.06	9.4	--	12	13	1,400	38	<0.50		TBA:51
	03/01/05	4.82	136.84	2.8	--	1.2	1.6	990	37	<0.50		TBA:26
	06/08/05	5.56	136.10	2.1	--	0.68	0.93	920	15	<0.50		TBA:26
	09/07/05	10.56	131.10	3.0	--	<0.50	<0.50	170	46	<0.50		TBA:10
	12/14/05	8.19	133.47	0.85	--	2.4	0.98	770	43	<0.50		TBA:23
	03/07/06	4.05	137.61	<0.50	--	<0.50	<0.50	<50	70	<0.50		ND
	06/07/06	6.15	135.51	0.97	--	1.3	0.85	450	20	<0.50		ND
	09/28/06	11.66	130.00	8.4	--	0.80	0.70	170	75	<0.50		TBA:7.7
	12/15/06	6.75	134.91	3.2	--	3.50	2.70	680	37	<0.50		TBA: 19
	03/23/07	5.80	135.86	8.0	--	14	9.4	1,400	21	<0.50		TBA:18
	06/04/07	8.20	133.46	4.8	--	2.5	1.9	240	43	<0.50		TBA:9.5
	09/07/07	12.08	129.58	4.7	--	0.55	0.81	190	62	<0.50		TBA:9.7
	12/11/07	9.63	132.03	1.1	--	0.83	0.56	200	53	<0.50		TBA:8.7
	02/13/08	4.84	136.82	3.6	--	3.1	1.2	820	29	<0.50		TBA:13
	05/27/08	9.18	132.48	12	--	1.3	1.1	260	32	<0.50		TBA: 8.7
	09/10/08	12.44	129.22	41	--	2.1	2.4	1,200	27	NS		TBA: 13
	11/05/08	9.24	132.42	10	--	2.6	1.4	1,700	22	NS		TBA:24
	02/16/09	6.21	135.45	28	--	8.0	6.4	2,200	19	NS		TBA:26
	05/06/09	5.65	136.01	11	--	3.9	1.7	1,600	17	NA		TBA:13

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Sampling Date**	Depth to Groundwater (ft)[#]	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-2	08/10/09	11.04	130.62	75	1.1	4.4	2.7	1,800	21	NA		TBA:17
(continued)	11/23/09	10.89	130.77	1.7	<0.50	<0.50	<0.50	110	4.1	NA		ND
141.66	02/10/10	4.93	136.73	<0.50	<0.50	<0.50	<0.50	220	15	NA	200[d]	TBA:8.6
(4.5'-29.5')	05/05/10	5.52	136.14	<0.50	<0.50	<0.50	<0.50	<50	12	NA		ND
	08/17/10	10.22	131.44	7.7	<0.50	<0.50	<0.50	200	5.4	NA		ND
	11/16/10	8.29	133.37	6.9	<0.50	0.8	<0.50	260	5.0	NA		TBA: 6.0
	02/02/11	5.52	136.14	<0.50	<0.50	<0.50	<0.50	150	23	NA		ND
	05/04/11	5.61	136.05	<0.50	<0.50	<0.50	<0.50	<50	1.8	NA		ND
	08/11/11	9.70	131.96	2.0	0.68	<0.5	2.6	72	28	NA		TPHd: <50
	11/16/11	11.38	130.28	1.1	<0.5	<0.5	<0.5	150	41	NA		TPHd: <50
	02/23/12	8.02	133.64	<0.50	<0.50	<0.50	<0.50	300	10	NA		TPHd: <100, TBA: 5.5
	05/17/12	6.12	135.54	<0.50	<0.50	<0.50	<0.50	120	18	NA		TPHd: 140, TBA: <5.0
	08/27/12	11.89	129.77	4.2	<0.50	<0.50	<0.50	67	12	NA		TPHd: <50
	11/19/12	9.74	131.92	2.0	<0.50	<0.50	<0.50	88	23	NA		TPHd: <50
	02/05/13	5.65	136.01	<0.50	<0.50	<0.50	<0.50	<50	21	NA		TPHd: 82
	05/30/13	9.79	131.87	8.8	<0.50	1.0	<0.50	470	11	NA		TPHd: 160
	08/20/13	11.58	130.08	2.0	<0.50	<0.50	<0.50	120	30	NA		TPHd: 70
	11/12/13	13.32	128.34	3.8	<0.50	<0.50	<0.50	330	15	NA		TPHd: 200
	02/05/14	13.04	128.62	1.1	<0.50	<0.50	<0.50	100	22	NA		TPHd: 160
	04/10/14	5.32	136.34	<0.50	<0.50	<0.50	<0.50	100	16	NA		TPHd: 82
	08/07/14	11.37	130.29	4.9	<0.50	<0.50	<0.50	81	23	NA		TPHd: 69
	12/01/14	9.99	131.67	5.9	<0.50	2.1	0.86	710	9.0	NA		TPHd: 180
	02/18/15	5.66	136.00	0.63	<0.50	0.75	<0.50	360	10	NA		TPHd: 130
	4/20/15 - 4/22/15	8.68	132.98	5.0	<0.5	0.8	<1.0	413	15.5	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	12.41	129.25	14.8	<0.5	1.4	1.0	944	5.3	NA	52.3[d], 9.5[e]	TPHd: 258
	12/1/2015 - 12/3/15	8.48	133.18	5.1	<0.50	8.5	1.8	2,230	3.6	NA	91.7[d], 5.8[e]	TPHd: 554
	2/1/16-2/3/16	4.96	136.70	0.64	<0.50	0.95	<1.0	846	16.2	NA		TPHd: 140
	6/13/16 - 6/15/16	5.98	135.68	1.3	<0.50	3.0	<1.5	988	3.0	NA		TPHd: 255
	8/8/16 - 8/10/16	6.78	134.88	0.56	<0.50	2.6	<1.5	2,260	4.5	NA		TPHd: 506
	11/29/16 - 12/01/16	5.47	136.19	<0.50	<0.50	<0.50	<1.5	429	11.1	NA		TPHd: 161
	2/7/17 - 2-9-17	3.68	137.98	<0.50	<0.50	<0.50	<1.5	81.5	8.3	NA	0.8[h]	TPHd: 227
	6/19/17 - 6/21/17	5.91	135.75	<0.5	<0.5	<0.5	<1.0	326	<0.5	NA	NA	TPHd: 264
	9/5/17-9/7/17	7.15	134.51	<0.50	<0.50	<0.50	<1.5	289	5.4	NA	NA	TPHd: 161
	12/18/17-12/20/17	6.91	134.75	<0.5	<0.5	<0.5	<1.0	424	<0.5	NA	NA	TPHd: <50
	2/7/18 - 2/9/18	5.90	135.76	<0.5	<0.5	<0.5	<1.0	380	0.9	NA	NA	TPHd<50.0
	5/7/18 - 5/9/18	**5.41**	**136.25**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**147**	**2.4**	**NA**	**NA**	**TPHd: 260**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-3	12/19/00	10.39	128.43	150	<5.0	75	79	2,300	430			
138.82	03/22/01	5.51	133.31	<0.5	<0.5	<0.5	<0.5	<50	4.3			
(4.5'-29.5')	06/26/01	10.13	128.69	530	24	220	170	10,000	630			
4"	09/11/01	13.25	125.57	--	--	--	--	--	--			
	10/16/01	13.92	124.90	--	--	--	--	--	--			
	11/13/01	6.18	132.64	470	190	440	1,100	8,600	550			TBA: 86
	12/11/01	3.85	134.97	--	--	--	--	--	--			
	01/15/02	3.58	135.24	--	--	--	--	--	--			
141.36	02/14/02	--	--	--	--	--	--	--	--			
	02/12/02	5.22	136.14	290	5.0	27	34	1,700	240			TBA: 43
	03/12/02	4.92	136.44	--	--	--	--	--	--			
	04/16/02	5.82	135.54	--	--	--	--	--	--			
	05/14/02	7.99	133.37	430	35	440	910	16,000	510			TBA: 57
	06/11/02	9.49	131.87	--	--	--	--	--	--			
	07/16/02	11.04	130.32	--	--	--	--	--	--			
	08/13/02	12.36	129.00	9.9	<1.0	1.7	2.9	330	310			TBA: 20
	12/02/02	11.59	129.77	340	12	530	850	11,000	390	<2.0		TBA: 47
	03/05/03	5.35	136.01	24	<0.5	1.5	1.7	330	220	<0.50		TBA: 66 TAME: 2.6
	06/12/03	6.30	135.06	140	3	52	110.0	6,500	510	<0.51		TBA: 25 TAME: 0.58
	09/16/03	10.96	130.40	110	3	19	44	4,600	360	<1.0		TBA: 130 TAME: 2.4
	12/16/03	6.02	135.34	210	6	140	230	5,300	210	<1.0		TBA: 160
	03/15/04	5.16	136.20	55	0.80	1.90	<0.5	910	130	<0.50		TBA 72 TAME: 0.57
	06/16/04	9.09	132.27	180	10	79	150	4,100	240	<1.0		TBA: 82 TAME: 1.5
	09/13/04	12.03	129.33	84	3.5	8.9	17	3,100	150	<0.50		TBA: 120 TAME: 0.78
	12/13/04	7.03	134.33	46	1.6	7.4	16	1,500	92	<0.50		TBA:130
	03/01/05	4.65	136.71	79	3.8	7.7	9.6	750	95	<0.50		TBA:49
	06/08/05	5.35	136.01	150	3.6	16.0	12	4,700	150	<0.50		TBA: 120 TAME: 0.76
	09/07/05	10.10	131.26	140	3.8	26.0	61	4,000	110	<0.50		TBA: 75 TAME: 0.78
	12/14/05	7.82	133.54	220	13.0	100.0	130	6,400	100	<0.50		TBA: 91 TAME: 0.58
	03/07/06	4.02	137.34	97	1.8	13.0	13	2,700	88	<0.50		TBA: 84
	06/07/06	5.90	135.46	190	5.0	36	36	4,000	110	<0.50		TBA: 100
	09/28/06	11.20	130.16	67	1.4	13	11	4,100	80	<0.50		TBA:74
	12/15/06	6.41	134.95	330	16	150	220	4,200	93	<0.50		TBA:84
	12/28/06	NM	NC	620	63	520	1,000	9,100	100	NA		TBA:75
	03/23/07	5.62	135.74	350	14	190	250	6,100	110	<0.50		TBA:84
	06/04/07	7.90	133.46	220	9.4	66	100	2,800	92	<0.50		TBA:66
	09/07/07	11.63	129.73	36	0.82	3.8	4.2	1,900	52	<0.50	0.58[c]	
	12/11/07	8.85	132.51	120	4.5	24	31	2,900	55	<0.50		TBA:60
	02/13/08	4.71	136.65	96	1.9	30	28	2,700	63	<0.50		TBA:55
	05/27/08	8.81	132.55	190	8.6	79	130	3,000	53	<0.50		TBA: 45
	09/10/08	11.95	129.41	42	1.9	15	24	3,200	26	NA		TBA: 27
	11/05/08	8.76	132.60	100	1.8	17	9.7	3,800	49	NA		TBA:47
	02/16/09	5.71	135.65	180	3.3	22	18.0	2,600	60	NA		TBA:50

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Sampling Date**	Depth to Groundwater (ft)[#]	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-3	05/06/09	4.51	136.85	150	6.0	66	98	2,600	66	NA		TBA:29
(continued)	08/10/09	10.78	130.58	69	3.5	24	32	3,000	23	NA		TBA:13
141.36	11/23/09	10.29	131.07	48	1.8	10	14	1,800	22	NA		TBA:12
(4.5'-29.5')	02/10/10	4.87	136.49	0.67	<0.50	<0.50	2.8	880	22	NA		TBA:25
4"	05/05/10	5.38	135.98	5.5	<0.50	<0.50	0.94	490	16	NA		TBA:29
	08/17/10	9.89	131.47	41	2.2	9.0	8.8	2,400	21	NA		TBA:14
	11/16/10	8.24	133.12	160	3.1	34	16	3,600	38	NA		TBA: 24
	02/02/11	5.41	135.95	32	1.3	5.5	6.7	2,200	28	NA		TBA: 21
	05/04/11	5.48	135.88	0.72	<0.5	<0.5	<0.5	94	4.4	NA		TBA:7.2
	08/11/11	9.43	131.93	37	1.6	8.8	4.5	3,800	21	NA		TBA:14, TPHd: <1,500
	11/16/11	10.66	130.70	22	0.83	3.2	1.6	2,200	22	NA		TBA:17, TPHd: <1,000
	02/23/12	7.86	133.50	43	0.92	4.2	4.6	1,200	24	NA		TBA: 16, TPHd: <600
	05/17/12	6.32	135.04	46	2.9	25	27	3,200	32	NA		TBA: 20, TPHd: <1,000
	08/27/12	11.01	130.35	22	1.6	6.4	8.8	2,700	18	NA		TBA: 8.8, TPHd: <800
	11/19/12	9.34	132.02	140	2.6	13	11	3,400	32	NA		TBA: 18
	02/05/13	5.42	135.94	65	1.8	18	11	3,700	23	NA		TBA: 19
	05/30/13	9.35	132.01	35	1.6	8.7	10	3,500	25	NA		TBA: 15, TPHd: 1,100
	08/20/13	10.82	130.54	13	0.91	3.0	2.8	2,600	14	NA		TBA: 11, TPHd: 970
	11/12/13	12.68	128.68	16	0.83	3.7	1.3	2,800	16	NA		TBA: 18, TPHd: 1,200
	02/05/14	12.01	129.35	5.1	0.60	1.4	0.79	1,500	12	NA		TBA: 19, TPHd: 780
	04/10/14	5.21	136.15	60	1.6	29	16	2,400	21	NA		TBA: 16, TPHd: 920
	08/07/14	10.65	130.71	22	1.5	22	19	3,400	15	NA		TBA: 11, TPHd: 810
	12/01/14	9.28	132.08	72	1.6	13	5.9	3,300	15	NA		TBA: 14, TPHd: 1,200
	02/18/15	5.62	135.74	49	1.4	21	12	3,800	15	NA		TBA: 16, TPHd: 1,100
	4/20/15 - 4/22/15	8.42	132.94	26	1.1	18	7.4	4,330	<0.5	NA		TPHd: 1,390/782**
	8/10/15 - 8-12-15	11.51	129.85	14.4	0.81	6.2	1.7	3,180	13.1	NA	94.7[d]	TBA: 13.2, TPHd: 898,
	12/1/2015 - 12/3/15	7.20	134.16	51.4	1.3	7.6	5.8	3,000	10.3	NA	164[d], 5.8[e]	TBA:7.7. TPHd: 1,170,
	2/1/16- 2/3/16	4.75	136.61	11.4	0.52	7.0	1.3	1,320	8.3	NA		TPHd: 579
	6/13/16 - 6/15/16	5.53	135.83	51.0	1.3	24.3	2.3	3,500	11.6	NA		TPHd: 1,040
	8/8/16 - 8/10/16	6.02	135.34	62.9	1.9	37.5	2.5	4,410	9.6	NA		TPHd: 1,480
	11/29/16 - 12/01/16	5.11	136.25	0.73	<0.50	0.59	<1.5	424	0.68	NA		TPHd: 149
	2/7/17 - 2-9-17	3.70	137.66	4.4	<0.50	2.5	<1.5	1,960	<0.50	<0.50	16.9[g], 40.3[h], 0.5[i], 9.2[j], 4.1[l]	TPHd: 341
	6/19/17 - 6/21/17	5.52	135.84	1.0	<0.5	<0.5	<1.0	296	<0.5	NA	NA	TPHd: 350
	9/5/17- 9/7/17	6.47	134.89	32.1	1.1	21.5	<1.5	3,420	5.8	NA	NA	TPHd: 1450
	12/18/17- 12/20/17	6.28	135.08	4.0	<0.5	3.3	<1.0	1,330	<0.5	NA	NA	TPHd: <50
	2/7/18 - 2/9/18	5.45	135.91	7.7	0.6	11.0	1.0	2,240	3.6	NA	NA	TPHd:<50.0
	5/7/18 - 5/9/18	**5.16**	**136.20**	**1.4**	**<0.5**	**1.0**	**<1.0**	**2,210**	**<0.5**	**NA**	**NA**	**TPHd:<50.0**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-4	12/19/00	10.95	128.24	<5.0	<5.0	<5.0	<5.0	<500	610			
139.19	03/22/01	5.56	133.63	<0.5	<0.5	<0.5	<0.5	<50	6.4			
(5'-25')	06/26/01	10.31	128.88	18	0.87	14	12	260	0.5			
4"	09/11/01	13.01	126.18	--	--	--	--	--	--	--	--	
	10/16/01	13.93	125.26	--	--	--	--	--	--	--	--	
	11/13/01	6.85	132.34	<0.50	<0.50	<0.50	<0.50	<50	0.94			
141.72	12/07/01	--	--	--	--	--	--	--	--	--	--	
	12/11/01	4.09	137.63	--	--	--	--	--	--	--	--	
	01/15/02	3.75	137.97	--	--	--	--	--	--	--	--	
	02/12/02	5.32	136.40	<0.50	<0.50	<0.50	<0.50	<50	1.6			
	03/12/02	5.32	136.40	--	--	--	--	--	--	--	--	
	04/16/02	6.07	135.65	--	--	--	--	--	--	--	--	
	05/14/02	8.31	133.41	29	1.6	29	32	420	150			TBA: 9.7
	06/11/02	9.71	132.01	--	--	--	--	--	--	--	--	
	07/16/02	11.34	130.38	--	--	--	--	--	--	--	--	
	08/13/02	12.60	129.12	99	<2.0	84	21	1,100	600			TBA: 59 TAME: 5.0
	12/02/02	11.95	129.77	<1.0	<1.0	<1.0	<1.0	150	420	<1.0		TBA: 17 TAME: 3.4
	03/05/03	5.28	136.44	<0.50	<0.50	<0.50	<0.50	<50	21	0.5		
	06/12/03	6.63	135.09	<0.50	<0.50	<0.50	<0.50	<50	42	<0.50		
	09/16/03	11.12	130.60	2.9	<0.50	2.1	<0.50	58	240	<0.50		TBA: 42 TAME: 0.77
	12/16/03	6.75	134.97	<0.50	<0.50	<0.50	<0.50	<50	10	<0.50		TBA: 5.9
	03/15/04	5.21	136.51	<0.5	<0.5	<0.5	<0.5	<50	1.5	<0.50		ND
	06/16/04	9.43	132.29	3.2	<0.50	2.8	1.5	<50	52	<0.50		TBA: 6.5
	09/13/04	12.22	129.50	<0.50	<0.50	<0.50	<0.50	81	61	<0.50		TBA: 40
	12/13/04	7.75	133.97	<0.50	<0.50	<0.50	<0.50	<50	2.6	<0.50		ND
	03/01/05	6.58	135.14	<0.50	<0.50	<0.50	<0.50	<50	12	<0.50		ND
	06/08/05	5.52	136.20	<0.50	<0.50	<0.50	<0.50	<50	9.9	<0.50		ND
	09/07/05	10.55	131.17	<0.50	<0.50	<0.50	<0.50	<50	26	<0.50		TBA: 6.2
	12/14/05	8.21	133.51	4.4	<0.50	0.83	<0.50	82	25	<0.50		TBA: 31
	03/07/06	4.70	137.02	<0.50	<0.50	<0.50	<0.50	<50	7.2	<0.50		ND
	06/07/06	6.07	135.65	<0.50	<0.50	<0.50	<0.50	<50	7.6	<0.50		ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.23	133.49	0.70	<0.50	<0.50	0.55	<50	12	<0.50		ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.02	132.70	0.58	<0.50	<0.50	0.52	<50	8.8	<0.50		ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	5.91	135.81	<0.50	<0.50	<0.50	<0.50	<50	2.0	NA		ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-4	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
141.72	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5'-25')	05/05/10	5.32	136.40	<0.50	<0.50	<0.50	<0.50	<50	1.3	NA		ND
4"	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/04/11	5.70	136.02	<0.50	<0.50	<0.50	<0.50	<50	0.90	NA		ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.81	134.91	<0.50	<0.50	<0.50	<0.50	<50	0.98	NA		ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/30/13	9.59	132.13	<0.50	<0.50	<0.50	<0.50	<50	1.2	NA		ND
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/10/14	5.31	136.41	<0.50	<0.50	<0.50	<0.50	<50	1.3	NA		TPHd:<50
	08/07/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/01/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/18/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	8.61	133.11	<0.5	<0.5	<0.5	<1.0	<50	1.7	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/2015 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16-2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	5.90	135.82	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 72.4
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17 - 2-9-17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	5.78	135.94	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17-9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17-12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/18 - 2/9/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	5/7/18 - 5/9/18	**5.36**	**136.36**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-5	12/19/00	10.54	127.28	250	<2.5	100	130	6,700	140			
137.82	03/22/01	4.81	133.01	20	2.3	13	11	1,800	11			
	06/26/01	--	--	--	--	--	--	--	--	--	--	Well Destroyed August 2001
MW-5A	11/13/01	6.95	134.00	<0.50	<0.50	<0.50	<0.50	<50	8.2			
140.95	12/07/01	--	--	--	--	--	--	--	--	--	--	
(5'-20')	12/11/01	3.73	137.22	--	--	--	--	--	--	--	--	
2"	01/15/02	3.69	137.26	--	--	--	--	--	--	--	--	
	02/12/02	5.25	135.70	<0.50	<0.50	<0.50	<0.50	<50	4.3			
	03/12/02	4.92	136.03	--	--	--	--	--	--	--	--	
	04/16/02	6.12	134.83	--	--	--	--	--	--	--	--	
	05/14/02	8.41	132.54	<0.50	<0.50	<0.50	<0.50	<50	30			ND
	06/11/02	9.89	131.06	--	--	--	--	--	--	--	--	
	07/16/02	12.23	128.72	--	--	--	--	--	--	--	--	
	08/13/02	13.85	127.10	1.0	<0.50	<0.50	<0.50	720	70			TBA: 11
	12/02/02	12.35	128.60	7.6	1.2	41	52	2,100	55	<0.50		TBA: 8.0
	03/05/03	5.44	135.51	<0.50	<0.50	<0.50	<0.50	<50	1	<0.50		
	06/12/03	6.57	134.38	<0.50	<0.50	<0.50	<0.50	<50	5.1	<0.50		
	09/16/03	12.30	128.65	<0.50	<0.50	<0.50	<0.50	550	35	<0.50		ND
	12/16/03	6.12	134.83	<0.50	<0.50	<0.50	<0.50	<50	0.63	<0.50		ND
	03/15/04	5.20	135.75	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/16/04	9.68	131.27	<0.50	<0.50	<0.50	<0.50	<50	18	<0.50		ND
	09/13/04	13.71	127.24	<0.50	<0.50	<0.50	<0.50	840	28	<0.50		TBA: 5.7
	12/13/04	7.36	133.59	<0.50	<0.50	<0.50	<0.50	<50	0.76	<0.50		ND
	03/01/05	4.76	136.19	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/08/05	5.55	135.40	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/07/05	11.20	129.75	<0.50	<0.50	<0.50	<0.50	390	7.8	<0.50		ND
	12/14/05	8.02	132.93	<0.50	<0.50	<0.50	<0.50	<50	1	<0.50		ND
	03/07/06	4.25	136.70	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/07/06	6.18	134.77	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.40	132.55	<0.50	<0.50	<0.50	<0.50	<50	0.84	<0.50		ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.12	131.83	<0.50	<0.50	<0.50	<0.50	<50	0.83	<0.50		ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	5.49	135.46	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-5A	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.95	05/05/10	5.47	135.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
(5'-20')	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
2"	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/04/11	5.48	135.47	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	5.68	135.27	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/30/13	10.01	130.94	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/10/14	5.30	135.65	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd:<50
	08/07/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/01/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/18/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	8.70	132.25	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/2015 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16- 2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	5.18	135.77	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 88.2
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17 - 2-9-17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	5.10	135.85	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17- 9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17- 12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/18 - 2/9/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	5/7/18 - 5/9/18	**4.91**	**136.04**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-6	12/19/00	9.99	128.42	<0.5	<0.5	<0.5	<0.5	<50	84			
138.41	03/22/01	5.09	133.32	<0.5	<0.5	<0.5	<0.5	<50	18			
(5'-25')	06/26/01	10.12	128.29	<0.5	<0.5	<0.5	<0.5	<50	47			
4"	09/11/01	13.24	125.17	--	--	--	--	--	--	--	--	
	10/16/01	14.02	124.39	--	--	--	--	--	--	--	--	
	11/13/01	5.63	132.78	3.1	<0.50	<0.50	2.0	210	7.6			
140.92	12/07/01	--	--	--	--	--	--	--	--	--	--	
	12/11/01	3.50	137.42	--	--	--	--	--	--	--	--	
	01/15/02	3.19	137.73	--	--	--	--	--	--	--	--	
	02/12/02	4.61	136.31	<0.50	<0.50	<0.50	<0.50	<50	13			
	03/12/02	4.81	136.11	--	--	--	--	--	--	--	--	
	04/16/02	5.11	135.81	--	--	--	--	--	--	--	--	
	05/14/02	7.68	133.24	<0.50	<0.50	<0.50	<0.50	<50	18			ND
	06/11/02	9.22	131.70	--	--	--	--	--	--	--	--	
	07/16/02	11.10	129.82	--	--	--	--	--	--	--	--	
	08/13/02	12.49	128.43	<0.50	<0.50	<0.50	<0.50	<50	190			
	12/02/02	11.45	129.47	1.3	<0.50	<0.50	<0.50	54	190	<0.50		
	03/05/03	4.80	136.12	<0.50	<0.50	<0.50	<0.50	<50	5.9	<0.50		
	06/12/03	5.95	134.97	<0.50	<0.50	<0.50	<0.50	<50	17	<0.50		
	09/16/03	11.20	129.72	<0.50	<0.50	<0.50	<0.50	<50	140	<0.50		ND
	12/16/03	5.41	135.51	<0.50	<0.50	<0.50	<0.50	<50	13	<0.50		ND
	03/15/04	4.65	136.27	<0.50	<0.50	<0.50	<0.50	<50	11	<0.50		ND
	06/16/04	8.95	131.97	<0.50	<0.50	<0.50	<0.50	<50	13	<0.50		ND
	09/13/04	12.47	128.45	<0.50	<0.50	<0.50	<0.50	<50	24	<0.50		ND
	12/13/04	6.61	134.31	<0.50	<0.50	<0.50	<0.50	<50	1.9	<0.50		ND
	03/01/05	4.55	136.37	<0.50	<0.50	<0.50	<0.50	<50	3.0	<0.50		ND
	06/08/05	5.02	135.90	<0.50	<0.50	<0.50	<0.50	<50	2.7	<0.50		ND
	09/07/05	10.11	130.81	<0.50	<0.50	<0.50	<0.50	<50	6.5	<0.50		ND
	12/14/05	7.56	133.36	<0.50	<0.50	<0.50	<0.50	<50	3.8	<0.50		ND
	03/07/06	4.61	136.31	<0.50	<0.50	<0.50	<0.50	<50	3.5	<0.50		ND
	06/07/06	5.52	135.40	<0.50	<0.50	<0.50	<0.50	<50	2.9	<0.50		ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.85	133.07	<0.50	<0.50	<0.50	<0.50	<50	5.7	<0.50		ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.62	132.30	<0.50	<0.50	<0.50	<0.50	<50	1.5	<0.50		ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	NM	NC	NS	NS	NS	NS	NS	NS	NS		Car over well

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-6	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.92	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5'-25')	05/05/10	4.99	135.93	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		60[d]
4"	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/04/11	5.09	135.83	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.01	134.91	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: 100
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/30/13	9.32	131.60	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/10/14	4.90	136.02	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd:<50
	08/07/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/01/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/18/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	8.26	132.66	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/2015 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16-2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	4.79	136.13	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 49.7
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17 - 2-9-17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	4.80	136.12	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17-9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17-12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/18 - 2/9/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	5/7/18 - 5/9/18	**4.63**	**136.29**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-7	12/19/00	--	--	--	--	--	--	--	--	--	--	Covered By Plate
137.82	03/22/01	4.97	132.85	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
	06/26/01	--	--	--	--	--	--	--	--	--	--	Well Not Located
MW-7A	11/13/01	5.16	135.21	<0.05	<0.50	<0.50	<0.50	<50	1.2			
140.37	12/07/01	--	--	--	--	--	--	--	--	--	--	
(5'-20')	12/11/01	3.51	136.86	--	--	--	--	--	--	--	--	
2"	01/15/02	3.01	137.36	--	--	--	--	--	--	--	--	
	02/12/02	4.48	135.89	<0.50	<0.50	<0.50	<0.50	<50	1.5			
	03/12/02	4.55	135.82	--	--	--	--	--	--	--	--	
	04/16/02	5.17	135.20	--	--	--	--	--	--	--	--	
	05/14/02	7.35	133.02	<0.50	<0.50	<0.50	<0.50	<50	4.0			ND
	06/11/02	9.00	131.37	--	--	--	--	--	--	--	--	
	07/16/02	11.07	129.30	--	--	--	--	--	--	--	--	
	08/13/02	12.47	127.90	<0.50	<0.50	<0.50	<0.50	<50	6.9			
	12/02/02	11.26	129.11	<0.50	<0.50	<0.50	<0.50	<50	8.5	<0.50		
	03/05/03	4.58	135.79	<0.50	<0.50	<0.50	<0.50	<50	0.62	<0.50		
	06/12/03	5.43	134.94	<0.50	<0.50	<0.50	<0.50	<50	1.62	<0.50		
	09/16/03	11.21	129.16	<0.50	<0.50	<0.50	<0.50	<50	16	<0.50		ND
	12/16/03	5.14	135.23	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/15/04	4.54	135.83	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/16/04	8.86	131.51	<0.50	<0.50	<0.50	<0.50	<50	14	<0.50		ND
	09/13/04	12.56	127.81	<0.50	<0.50	<0.50	<0.50	<50	16	<0.50		ND
	12/13/04	6.12	134.25	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/01/05	4.12	136.25	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/08/05	5.11	135.26	<0.50	<0.50	<0.50	<0.50	<50	0.57	<0.50		ND
	09/07/05	10.12	130.25	<0.50	<0.50	<0.50	<0.50	<50	11	<0.50		ND
	12/14/05	7.29	133.08	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/07/06	3.45	136.92	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/07/06	5.37	135.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.61	132.76	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.36	132.01	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	4.24	136.13	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-7A	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.37	05/05/10	5.68	134.69	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	93[d]	
(5'-20')	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
2"	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/04/11	5.07	135.30	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.87	133.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/30/13	9.16	131.21	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/10/14	4.79	135.58	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd:<50
	08/07/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/01/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/18/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	8.00	132.37	<0.5	<0.5	<0.5	<1.0	<50	3.8	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/2015 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16-2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	4.10	136.27	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 199
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17 - 2-9-17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	4.17	136.20	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17-9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17-12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/18 - 2/9/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	5/7/18 - 5/9/18	**4.03**	**136.34**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-8	12/19/00	11.76	127.76	<0.5	<0.5	<0.5	<0.5	<50	3.9			
139.52	03/22/01	5.75	133.77	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
(5.5'-20.5)	06/26/01	10.62	128.90	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
4"	09/11/01	13.33	126.19	--	--	--	--	--	--	--	--	
	10/16/01	14.24	125.28	--	--	--	--	--	--	--	--	
	11/13/01	6.70	132.82	<0.50	<0.50	<0.50	<0.50	<50	<0.50			TBA: 9.3
142.05	12/07/01	--	--	--	--	--	--	--	--	--	--	
	12/11/01	4.34	137.71	--	--	--	--	--	--	--	--	
	01/15/02	4.03	138.02	--	--	--	--	--	--			
	02/12/02	5.29	136.76	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
	03/12/02	5.32	136.73	--	--	--	--	--	--	--	--	
	04/16/02	6.33	135.72	--	--	--	--	--	--	--	--	
	05/14/02	8.53	133.52	<0.50	<0.50	<0.50	<0.50	<50	<0.50			ND
	06/11/02	10.03	132.02	--	--	--	--	--	--	--	--	
	07/16/02	11.72	130.33	--	--	--	--	--	--	--	--	
	08/13/02	12.96	129.09	<0.50	<0.50	<0.50	<0.50	<50	1.5			
	12/02/02	12.32	129.73	<0.50	<0.50	<0.50	<0.50	<50	51	<0.50		
	03/05/03	5.46	136.59	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	06/12/03	6.79	135.26	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/16/03	11.76	130.29	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	12/16/03	7.10	134.95	<0.50	<0.50	<0.50	<0.50	<50	20	<0.50		ND
	03/15/04	5.31	136.74	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/16/04	9.53	132.52	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/13/04	12.45	129.60	<0.50	<0.50	<0.50	<0.50	<50	1.1	<0.50		ND
	12/13/04	8.06	133.99	<0.50	<0.50	<0.50	<0.50	<50	7.7	<0.50		ND
	03/01/05	5.23	136.82	<0.50	<0.50	<0.50	<0.50	<50	3.7	<0.50		ND
	06/08/05	5.65	136.40	<0.50	<0.50	<0.50	<0.50	<50	3.7	<0.50		ND
	09/07/05	10.61	131.44	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/14/05	8.37	133.68	<0.50	<0.50	<0.50	<0.50	<50	3	<0.50		ND
	03/07/06	4.76	137.29	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/07/06	6.32	135.73	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.50	133.55	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.27	132.78	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	6.01	136.04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-8	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
142.05	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5.5'-20.5)	05/05/10	5.48	136.57	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/04/11	5.68	136.37	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.34	135.71	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/30/13	9.79	132.26	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/10/14	5.51	136.54	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd:<50
	08/07/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/01/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/18/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	8.89	133.16	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/2015 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16-2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	6.33	135.72	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 56.3
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17 - 2-9-17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	6.16	135.89	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17-9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17-12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/18 - 2/9/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	5/7/18 - 5/9/18	**5.66**	**136.39**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-9	12/19/00	12.06	125.14	<0.5	<0.5	<0.5	<0.5	<50	66			
137.20	03/22/01	5.91	131.29	<0.5	<0.5	<0.5	<0.5	<50	18			
(5.5'-20.5')	06/26/01	12.02	125.18	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
4"	09/11/01	14.16	123.04	--	--	--	--	--	--	--	--	
	10/16/01	15.73	121.47	--	--	--	--	--	--	--	--	
	11/13/01	10.05	127.15	<0.50	<0.50	<0.50	<0.50	85	36			TBA: 11
140.72	12/07/01	--	--	--	--	--	--	--	--	--	--	
	12/11/01	3.98	136.74	--	--	--	--	--	--	--	--	
	01/15/02	3.71	137.01	--	--	--	--	--	--	--	--	
	02/12/02	5.62	135.10	<0.50	<0.50	<0.50	<0.50	<50	27			
	03/12/02	5.21	135.51	--	--	--	--	--	--	--	--	
	04/16/02	6.85	133.87	--	--	--	--	--	--	--	--	
	05/14/02	9.11	131.61	<0.50	<0.50	<0.50	<0.50	<50	21			ND
	06/11/02	10.78	129.94	--	--	--	--	--	--	--	--	
	07/16/02	12.98	127.74	--	--	--	--	--	--	--	--	
	08/13/02	14.26	126.46	<0.50	<0.50	<0.50	<0.50	<50	19			
	12/02/02	12.75	127.97	<0.50	<0.50	<0.50	<0.50	<50	10	<0.50		
	03/05/03	5.41	135.31	<0.50	<0.50	<0.50	<0.50	<50	2.1	<0.50		
	06/12/03	7.20	133.52	<0.50	<0.50	<0.50	<0.50	<50	25			
	09/16/03	12.75	127.97	<0.50	<0.50	<0.50	<0.50	53	29	<0.50		TBA:5.0
	12/16/03	7.24	133.48	<0.50	<0.50	<0.50	<0.50	89	26	<0.50		ND
	03/15/04	5.24	135.48	<0.50	<0.50	<0.50	<0.50	89	4.2	<0.50		ND
	06/16/04	10.21	130.51	<0.50	<0.50	<0.50	<0.50	<50	22	<0.50		ND
	09/13/04	14.13	126.59	<0.50	<0.50	<0.50	<0.50	100	22	<0.50		TBA:5.7
	12/13/04	8.37	132.35	<0.50	<0.50	<0.50	<0.50	<50	16	<0.50		ND
	03/01/05	4.91	135.81	<0.50	<0.50	<0.50	<0.50	<50	14	<0.50		ND
	06/08/05	5.80	134.92	<0.50	<0.50	<0.50	<0.50	79	14	<0.50		ND
	09/07/05	11.60	129.12	<0.50	<0.50	<0.50	<0.50	110	12	<0.50		ND
	12/14/05	Not sampled		--	--	--	--	--	--	--	--	
	03/07/06	Not sampled		--	--	--	--	--	--	--	--	
	06/07/06	Concrete in well box		--	--	--	--	--	--	--	--	
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.55	131.17	<0.50	<0.50	<0.50	<0.50	100	5.2	<0.50		ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Well Blocked

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-9	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.72	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5.5'-20.5')	05/05/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
4"	08/17/10	10.93	129.79	<0.5	<0.5	<0.5	<0.5	76	3.1	NA		ND
	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/04/11	5.76	134.96	<0.5	<0.5	<0.5	<0.5	<50	1.5	NA		TPHd:54
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.36	134.87	<0.5	<0.5	<0.5	<0.5	<50	3.1	NA		TPHd:73
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/30/13	10.54	130.18	<0.5	<0.5	<0.5	<0.5	53	2.8	NA		TPHd: 190
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/10/14	5.40	135.32	<0.5	<0.5	<0.5	<0.5	<50	1.1	NA		TPHd:53
	08/07/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/01/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/18/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	9.24	131.48	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/2015 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16-2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	6.24	134.48	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 53.2
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17 - 2-9-17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	6.00	134.72	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17-9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17-12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/18 - 2/9/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	5/7/18 - 5/9/18	**5.33**	**135.39**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Sampling Date**	Depth to Groundwater (ft)[#]	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
DTSC-10	12/19/00	9.86	128.32	1,500	50	200	290	6,500	810			
138.18	03/22/01	4.98	133.20	1.1	<0.5	<0.5	<0.5	<50	83			
UK	06/26/01	9.81	128.37	94	1.1	2.4	2.8	610	54			
	09/11/01	10.86	127.32	--	--	--	--	--	--	--	--	
	10/16/01	13.93	124.25	--	--	--	--	--	--	--	--	
	11/13/01	5.15	133.03	180	200	280	1,100	9,800	52			TBA: 9.9
	12/11/01	3.31	134.87	--	--	--	--	--	--	--	--	
	01/15/02	3.38	134.80	--	--	--	--	--	--	--	--	
	02/12/02	4.85	133.33	2.3	<0.50	1.2	4.6	180	8.4			TAME: 1.0
	03/12/02	4.31	133.87	--	--	--	--	--	--	--	--	
	04/16/02	6.50	131.68	--	--	--	--	--	--	--	--	
140.69	05/14/02	7.48	133.21	69	15	73	180	3,800	76			TBA: 11
	06/11/02	9.53	131.16	--	--	--	--	--	--	--	--	
	07/16/02	10.78	129.91	--	--	--	--	--	--	--	--	
	08/13/02	12.18	128.51	670	46	300	560	7,600	220			TBA: 39
	12/02/02	11.00	129.69	410	24	100	120	4,100	280	<2.0		TBA: 35
	03/05/03	4.60	136.09	37	1.7	59	32	2,200	39	<0.50		TBA: 5.6
	06/12/03	5.74	134.95	11	0.7	27	16	3,600	17	<0.50		
	09/16/03	10.64	130.05	47	1.6	33	14	4,000	68	<0.50		TBA: 13
	12/16/03	5.24	135.45	1.2	<0.50	2.2	0.83	960	2.6	<0.50		ND
	03/15/04	4.14	136.55	0.5	<0.50	1.2	0.56	580	2.7	<0.50		ND
	06/16/04	8.70	131.99	200	2.7	29	7.3	6,000	150	<0.50		TBA: 110
	09/13/04	11.85	128.84	300	11	180	200	5,400	95	<0.90		TBA: 62
	12/13/04	6.40	134.29	<0.50	<0.50	<0.50	<0.50	500	0.87	<0.50		ND
	03/01/05	3.94	136.75	<0.50	<0.50	<0.50	<0.50	350	0.55	<0.50		ND
	06/08/05	4.75	135.94	4.7	<0.50	3.2	<0.50	1,700	3.5	<0.50		ND
	09/07/05	9.71	130.98	140	2.6	16	6.5	4,400	45	<0.50		TBA: 38
	12/14/05	8.40	132.29	1.3	<0.50	1.2	<0.50	620	0.77	<0.50		ND
	03/07/06	4.02	136.67	68	1.3	42	7.5	4,100	13	<0.50		TBA: 12
	06/07/06	5.25	135.44	1.7	<0.50	1.3	<0.50	390	1.6	<0.50		ND
	09/28/06	10.96	129.73	200	4.3	70	34	4,700	52	<0.50		TBA:53
	12/15/06	5.79	134.90	<0.50	<0.50	<0.50	<0.50	130	<0.50	<0.50		ND
	12/28/06	NM	NC	49	2.8	110	58	1,800	3.9	<0.50		ND
	03/23/07	5.04	135.65	<0.50	<0.50	<0.50	<0.50	68	1.9	<0.50		ND
	06/04/07	7.58	133.11	180	2.1	35	17	4,400	34	<0.50		TBA:39
	09/07/07	11.43	129.26	140	2.5	26	12	4,600	36	<0.50	0.71[c]	
	12/11/07	8.59	132.10	93	2.2	38	16	1,900	12	<0.50		TBA:14
	02/13/08	4.20	136.49	0.62	<0.50	<0.50	<0.50	<50	0.59	<0.50		ND
	05/27/08	8.37	132.32	220	2.3	22	5.5	3,800	33	<0.50		TBA: 46
	09/10/08	11.69	129.00	<0.50	<0.50	<0.50	<0.50	100	1.3	<0.50	78[d]	
	11/05/08	8.09	132.60	1.0	<0.50	<0.50	<0.50	50	<0.50	NA	54[e]	
	02/16/09	3.61	137.08	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	56[e]	

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
DTSC-10	05/06/09	4.85	135.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
(continued)	08/10/09	10.39	130.30	9.1	1.0	2.8	0.79	860	9.4	NA		TBA:10
140.69	11/23/09	9.81	130.88	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
UK	02/10/10	4.36	136.33	3.5	0.69	<0.50	<0.50	62	1.0	NA	82[d]	
	05/05/10	4.34	136.35	0.75	1.2	<0.50	<0.05	120	1.4	NA	140[d]	
	08/17/10	9.41	131.28	140	2.4	11	3.5	3,800	25	NA		TBA:42
	11/16/10	7.99	132.70	140	3.0	20	9	1,800	23	NA		TBA:24
	02/02/11	4.76	135.93	4.9	2.3	1.3	0.5	160	3.6	NA		TBA:6.0
	05/04/11	4.24	136.45	<0.5	0.57	<0.5	<0.5	75	<0.5	NA		TPHd: 680
	08/11/11	8.92	131.77	220	3.7	17	7.1	5,400	34	NA		TBA: 48,TPHd:<1,500
	11/16/11	10.21	130.48	1.6	<0.5	<0.5	<0.5	170	0.68	NA		TPHd: 140
	02/23/12	7.19	133.50	5.5	<0.50	0.79	0.52	180	2.3	NA		TPHd: 1,100
	05/17/12	5.82	134.87	2.4	1.8	0.88	2.3	140	1.6	NA		TPHd: 660
	08/27/12	10.44	130.25	<0.50	<0.50	<0.50	<0.50	340	0.92	NA		TPHd: 350/100**
	11/19/12	8.88	131.81	120	3.8	87	40	4,100	13	NA		TBA:13/TPHd:3,400
	02/05/13	4.88	135.81	69	2.4	38	15	2,200	8.2	NA		TBA:7.6, TPHd: 800
	05/30/13	8.90	131.79	150	3.3	34	15	3,400	32	NA		TBA: 34, TPHd: 1,500
	08/20/13	10.40	130.29	53	3.4	11	5.2	2,100	18	NA		TBA: 17, TPHd: 2,100
	11/12/13	12.59	128.10	57	2.3	35	13	4,200	12	NA		TBA: 12, TPHd: 1,600
	02/05/14	11.83	128.86	62	1.9	32	9.7	4,700	10	NA		TBA: 13, TPHd: 2,200
	04/10/14	4.65	136.04	1.9	<0.50	<0.50	<0.50	60	<0.50	NA		TPHd: 180
	08/07/14	10.32	130.37	200	4.3	22	6.0	3,800	26	NA		TBA: 26, TPHd: 1,700
	12/01/14	8.71	131.98	26	1.1	15	5.4	970	2.6	NA		TBA: 5.0, TPHd: 450
	02/18/15	4.98	135.71	0.86	2.5	<0.50	<0.50	56	<0.50	NA		TPHd: 12,000
	4/20/15 - 4/22/15	7.90	132.79	6.9	1.2	0.7	2.6	230	4.30	NA		TPHd: 1,820/1,140**
	8/10/15 - 8-12-15	11.20	129.49	13.5	0.78	5.9	1.6	995	4.2	NA	64.3[d]	TPHd: 1,050
	12/1/2015 - 12/3/15	6.04	134.65	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd:<49.2
	2/1/16-2/3/16	4.10	136.59	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA		TPHd: 198
	6/13/16 - 6/15/16	4.60	136.09	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 308
	8/8/16 - 8/10/16	5.00	135.69	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	12.0[e]	TPHd: 118
	11/29/16 - 12/01/16	4.31	136.38	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 211
	2/7/17 - 2-9-17	3.13	137.56	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	4.61	136.08	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17-9/7/17	5.46	135.23	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <99.2
	12/18/17-12/20/17	5.33	135.36	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	2/7/18 - 2/9/18	4.66	136.03	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd:<50.0
	5/7/18 - 5/9/18	**4.45**	**136.24**	**<0.5**	**0.6**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Sampling Date**	Depth to Groundwater (ft)[#]	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-10B	09/07/05	22.21	116.46	180	59	310	2,200	17,000	92	<4.0		ND
138.67	12/14/05	8.80	129.87	91	2.9	45	580	4,500	120	<0.50		TBA: 8.5
(5.5'-20.5')	03/07/06	3.75	134.92	7.8	<0.50	2.1	5	1,100	120	<0.50		TBA: 7.8
4"	06/07/06	15.68	122.99	5.0	<0.50	1.9	<0.50	620	160	<0.50		ND
	09/28/06	20.96	117.71	2.0	<0.50	0.72	1.1	200	210	<0.50		TBA:5.9
	12/15/06	21.15	117.52	4.6	<0.50	0.82	<0.50	220	160	<0.50		TBA:21
	12/28/06	NM	NC	2.2	<0.50	<0.50	<0.50	140	170	ND		TBA:12
	03/23/07	9.04	129.63	2.4	<0.50	<0.50	<0.50	140	150	<0.50		TBA:16
	06/04/07	10.89	127.78	3.2	<0.50	0.69	<0.50	180	120	<0.50		TBA:21
	09/07/07	12.57	126.10	4.3	<0.50	1.5	<0.50	170	120	<0.05		TBA:12
	12/11/07	17.75	120.92	2.2	<0.50	1.3	<0.50	96	98	<0.50		TBA:22
	02/13/08	4.67	134.00	2.4	<0.50	1.6	<0.50	78	2.9	<0.50		ND
	05/27/08	9.58	129.09	2.9	<0.50	<0.50	0.58	110	35	<0.50		TBA: 19
	09/10/08	11.43	127.24	2.7	<0.50	<0.50	1.2	97	42	NA		TBA: 20
	11/05/08	11.97	126.70	3.4	<0.50	<0.50	<0.50	180	81	NA		TBA: 33
	02/16/09	6.12	132.55	<0.50	<0.50	<0.50	<0.50	65	32	NA	15[d]	TBA:6.3
	05/06/09	6.61	132.06	<0.50	<0.50	<0.50	<0.50	77	34	NA	62[d]	TBA:6.3
	08/10/09	10.12	128.55	<0.50	<0.50	<0.50	<0.50	72	69	NA		TBA:10
	11/23/09	11.24	127.43	<0.50	<0.50	<0.50	<0.50	120	58	NA		TBA:10
	02/10/10	4.83	133.84	<0.50	<0.50	<0.50	<0.50	<50	33	NA	120[d]	
	05/05/10	5.68	132.99	<0.50	<0.50	<0.50	<0.50	<50	24	NA		ND
	08/17/10	9.86	128.81	<0.50	<0.50	<0.50	<0.50	<50	43	NA		TBA:6.3
	11/16/10	12.71	125.96	<0.50	<0.50	<0.50	<0.50	100	57	NA		TBA: 8.3
	02/02/11	7.73	130.94	<0.50	<0.50	<0.50	<0.50	<50	52	NA		ND
	05/04/11	7.46	131.21	<0.50	<0.50	<0.50	<0.50	<50	19	NA		ND
	08/11/11	8.98	129.69	<0.50	<0.50	<0.50	<0.50	<50	58	NA		TBA: 8.2, TPHd: 65
	11/16/11	11.37	127.30	<0.50	<0.50	<0.50	<0.50	64	57	NA		TBA: 6.8, TPHd: <50
	02/23/12	13.91	124.76	<0.50	<0.50	<0.50	<0.50	<50	46	NA		TBA: 9.1, TPHd: <50
141.24	05/17/12	10.17	131.07	<0.50	<0.50	<0.50	<0.50	<50	44	NA		TBA: 5.0, TPHd: 68
	08/27/12	11.81	129.43	<0.50	<0.50	<0.50	<0.50	60	<0.50	NA		TPHd: 2,700/430[**]
	11/19/12	8.72	132.52	<0.50	<0.50	<0.50	<0.50	<50	29	NA		TPHd: 280
	02/05/13	6.19	135.05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: 200
	05/30/13	11.50	129.74	<0.50	<0.50	<0.50	<0.50	<50	52	NA		TPHd: 120
	08/20/13	11.32	129.92	<0.50	<0.50	<0.50	<0.50	<50	51	NA		TPHd: 120
	11/12/13	12.29	128.95	<0.50	<0.50	<0.50	<0.50	<50	58	NA		TPHd: 130
	02/05/14	12.81	128.43	<0.50	<0.50	<0.50	<0.50	<50	16	NA		TPHd: 300
	04/10/14	6.28	134.96	<0.50	<0.50	<0.50	<0.50	<50	33	NA		TPHd: 96
	08/07/14	11.30	129.94	<0.50	<0.50	<0.50	<0.50	<50	46	NA		TPHd: 170
	12/01/14	11.29	129.95	<0.50	<0.50	<0.50	<0.50	<50	0.62	NA		TPHd: 260
	02/18/15	6.07	135.17	<0.50	<0.50	<0.50	<0.50	<50	0.98	NA		TPHd: 310

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-10B	4/20/15 - 4/22/15	8.96	132.28	<0.5	<0.5	<0.5	<1.0	107	31.6	NA		TPHd: <50/<53.3**
141.24	8/10/15 - 8-12-15	12.34	128.90	<0.50	<0.50	<0.50	<0.50	61.7	27.8	NA	107[d]	TPHd: 790
(5.5'-20.5')	12/1/2015 - 12/3/15	12.95	128.29	<0.50	<0.50	<0.50	<1.0	<50	61	NA	570[d], 13.4[e]	TPHd: 69.5
4"	2/1/16-2/3/16	5.64	135.60	<0.50	<0.50	<0.50	<1.0	55.3	36.9	NA	98.3[d], 11.4[e]	TPHd: 229
	6/13/16 - 6/15/16	9.96	131.28	<0.50	<0.50	<0.50	<1.5	52.7	53.5	NA		TPHd: 102
	8/8/16 - 8/10/16	10.03	131.21	<0.50	<0.50	<0.50	<1.5	<50	59.9	NA	220[d]	TPHd: <97.2
	11/29/16 - 12/01/16	7.56	133.68	<0.50	<0.50	<0.50	<1.5	<50	51.4	NA		TPHd: <98.7
	2/7/17 - 2-9-17	2.93	138.31	<0.50	<0.50	<0.50	<0.50	53.8	4.6	<0.50	ND	TPHd: 213
	6/19/17 - 6/21/17	7.72	133.52	<0.5	<0.5	<0.5	1.2	<50	9.3	NA		TPHd: <50
	9/5/17- 9/7/17	10.76	130.48	<0.50	<0.50	<0.50	<1.5	<50	47.9	NA	NA	TPHd: <100
	12/18/17- 12/20/17	10.00	131.24	<0.5	<0.5	<0.5	<1.0	<50	68.4	NA	NA	TPHd:<50
	2/7/18 - 2/9/18	7.68	133.56	<0.5	<0.5	<0.5	<1.0	93.4	43.9	NA	NA	TPHd:<50.0
	5/7/18 - 5/9/18	**6.33**	**134.91**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**51.0**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-11	12/19/00	11.25	127.51	12	15	17	10	3,100	<0.5			
138.76	03/22/01	5.94	132.82	5.7	8.3	15	15	4,600	11			
(5.5'-20.5')	06/26/01	10.72	128.04	7.0	11	33	12	4,200	<0.5			
4"	09/11/01	11.95	126.81	--	--	--	--	--	--	--	--	
	10/16/01	14.53	124.23	--	--	--	--	--	--	--	--	
	11/13/01	10.66	`	7.9	2.5	7.4	4.2	3,700	0.86			
141.27	12/07/01	--	--	--	--	--	--	--	--	--	--	
	12/11/01	4.20	137.07	--	--	--	--	--	--	--	--	
	01/15/02	3.79	137.48	--	--	--	--	--	--	--	--	
	02/12/02	5.53	135.74	6.3	13	34	16	9,000	0.52			
	03/12/02	5.25	136.02	--	--	--	--	--	--	--	--	
	04/16/02	6.53	134.74	--	--	--	--	--	--	--	--	
	05/14/02	8.74	132.53	5.6	24	100	57	5,900	<1.0			ND
	06/11/02	10.22	131.05	--	--	--	--	--	--	--	--	
	07/16/02	12.19	129.08	--	--	--	--	--	--	--	--	
	08/13/02	13.33	127.94	7.7	11	40	24	4,300	0.7			
	12/02/02	11.33	129.94	7.4	6.9	26	17	4,800	0.54	<1.0		
	03/05/03	5.41	135.86	6.5	19	52	31	6,500	<0.50	<0.50		
	06/12/03	6.82	134.45	4.4	13	56	35	7,600	<1.0	<1.0		
	09/16/03	11.42	129.85	5.5	14	27	29	4,800	<1.0	<1.0		ND
	12/16/03	7.73	133.54	3.5	6.9	10	16	6,100	<0.50	<0.50		ND
	03/15/04	5.12	136.15	3.9	7.2	13	12	4,500	<0.50	<.50		ND
	06/16/04	9.21	132.06	4.2	9.3	31	15	6,300	<1.0	<1.0		ND
	09/13/04	12.70	128.57	6.5	11	14	17	6,000	<0.90	<0.90		ND
	12/13/04	8.41	132.86	3.7	6.0	9.7	11	4,600	<1.0	<1.0		ND
	03/01/05	4.95	136.32	4.1	6.2	12	8.4	4,900	<0.50	<0.50		ND
	06/08/05	5.33	135.94	4.3	6.4	14	9.1	4,900	<0.90	<0.90		ND
	09/07/05	10.50	130.77	3.1	6.0	8.8	9.1	3,900	<0.50	<0.50		ND
	12/14/05	8.16	133.11	3.4	7.1	7.5	10	4,800	<0.50	<0.50		ND
	03/07/06	4.50	136.77	3.3	4.2	7.8	7.4	4,400	<0.50	<0.50		ND
	06/07/06	6.42	134.85	3.0	5.4	9.3	9.8	6,100	<0.50	<0.50		ND
	09/28/06	11.67	129.60	2.4	7.0	7.4	10	5,000	<0.50	<0.50		ND
	12/15/06	8.23	133.04	2.4	7.5	7.1	12	4,800	<0.50	<0.50		ND
	12/28/06	NM	NC	2.4	7.5	7.0	12	3,200	<0.50	NA		NA
	03/23/07	6.14	135.13	2.5	6.3	7.0	9.9	4,300	<0.50	<0.50	4.0[a], 3.2[b]	
	06/04/07	8.16	133.11	2.2	6.7	8.4	9.5	4,300	<0.50	<0.50	0.6[a]	
	09/07/07	12.05	129.22	1.8	5.6	4.9	8.0	3,400	<0.50	<0.50	1.4[c]	
	12/11/07	9.90	131.37	1.5	4.5	5.6	8.2	4,600	<0.50	<0.50		ND
	02/13/08	4.81	136.46	2.0	4.9	4.7	6.2	3,600	<0.50	<0.50		ND
	05/27/08	8.91	132.36	1.7	5.6	9.4	8.6	3,900	<0.50	<0.50		ND
	09/10/08	11.61	129.66	1.1	4.2	2.5	6.8	3,900	<0.50	NA		ND
	11/05/08	10.43	130.84	1.2	3.7	3.8	6.7	4,700	<0.50	NA		ND
	02/16/09	7.23	134.04	5.2	4.2	3.8	6.7	3,700	<0.50	NA		ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Sampling Date**	Depth to Groundwater (ft)[#]	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-11	05/06/09	6.30	134.97	8.7	5.0	5.2	6.2	4,200	<0.50	NA		ND
(continued)	08/10/09	11.12	130.15	4.7	3.9	3.4	6.4	3,400	<0.50	NA		ND
141.27	11/23/09	11.36	129.91	3.4	4.9	4.1	8.0	3,700	<0.50	NA		ND
(5.5'-20.5')	02/10/10	4.89	136.38	2.5	4.1	2.7	5.5	4,100	<0.50	NA		ND
4"	05/05/10	5.82	135.45	2.3	3.6	3.1	5.9	3,700	<0.50	NA		ND
	08/17/10	9.82	131.45	<0.50	<0.50	<0.50	0.61	430	<0.50	NA		ND
	11/16/10	8.24	133.03	<0.50	<0.50	<0.50	<0.50	170	<0.50	NA		ND
	02/02/11	5.80	135.47	1.4	3.0	2.0	4.7	2,800	<0.50	NA		ND
	05/04/11	5.65	135.62	1.2	3.0	3.1	6.3	3,800	<0.50	NA		ND
	08/11/11	9.16	132.11	<0.50	<0.50	<0.50	<0.50	130	<0.50	NA		TPHd: 57
	11/16/11	11.29	129.98	1.0	3.2	3.4	6.4	3,900	<0.5	NA		TPHd:<1,000
	02/23/12	7.92	133.35	0.75	2.6	1.3	4.6	2,500	<0.50	NA		TPHd: <800
	05/17/12	6.32	134.95	0.88	3.5	4.2	6.9	4,800	<0.50	NA		TPHd: <1500
	08/27/12	11.38	129.89	<0.50	1.4	1.0	2.1	2,200	<0.50	NA		TPHd: <500
	11/19/12	11.05	130.22	0.62	1.8	1.9	4.2	3,700	<0.50	NA		TPHd: <1500
	02/05/13	6.02	135.25	0.75	2.6	3.0	5.1	3,600	<0.50	NA		TPHd: <1,000
	05/30/13	9.60	131.67	0.72	2.9	4.0	5.6	4,100	<0.50	NA		TPHd: 810
	08/20/13	12.18	129.09	<0.50	<0.50	<0.50	<0.50	95	1.2	NA		ND
	11/12/13	13.50	127.77	1.2	0.78	0.65	1.4	1,300	<0.50	NA		TPHd: 700
	02/05/14	13.60	127.67	1.4	<0.50	<0.50	<0.50	600	<0.50	NA		TPHd: 130
	04/10/14	5.55	135.72	0.72	2.2	2.7	2.7	3,300	<0.50	NA		TPHd: 880
	08/07/14	11.35	129.92	<0.50	1.8	3.1	2.3	1,800	<0.50	NA		TPHd: 270
	12/02/14	12.02	129.25	0.53	1.1	1.4	1.9	2,000	<0.50	NA		TPHd: 980
	02/18/15	6.08	135.19	0.94	2.0	1.9	2.4	2,800	<0.50	NA		TPHd: 560
	4/20/15 - 4/22/15	8.52	132.75	0.60	1.6	2.5	2.9	3,320	<0.5	NA		TPHd: 395/203**
	8/10/15 - 8-12-15	9.74	131.53	<0.50	<0.50	<0.50	<0.50	1,380	<0.50	NA	71.3[d]	TPHd: 254
	12/1/2015 - 12/3/15	12.15	129.12	0.71	<0.50	<0.50	<1.0	1,560	<0.50	NA		TPHd: 724
	2/1/16-2/3/16	5.36	135.91	<0.50	<0.50	<0.50	<1.0	242	<0.50	NA		TPHd: 220
	6/13/16 - 6/15/16	6.97	134.30	<0.50	1.5	1.6	<1.5	1,930	<0.50	NA		TPHd: 538
	8/8/16 - 8/10/16	8.83	132.44	<0.50	<0.50	<0.50	<1.5	123	<0.50	NA		TPHd: <97.3
	11/29/16 - 12/01/16	6.45	134.82	<0.50	<0.50	<0.50	<1.5	578	<0.50	NA		TPHd: 225
	2/7/17 - 2-9-17	3.82	137.45	0.50	0.50	<0.50	<1.5	1,180	<0.50	ND	2.5[b], 2.4[g], 3.2[h], 4.8[i], 3.7[j], 3.5[k], 3.2[l]	TPHd: 251
	6/19/17 - 6/21/17	6.59	134.68	<0.5	<0.5	<0.5	<1.0	1,530	<0.5	NA	NA	TPHd: 550
	9/5/17-9/7/17	9.09	132.18	<0.50	<0.50	<0.50	<1.5	997	<0.50	NA	NA	TPHd: 227
	12/18/17-12/20/17	8.62	132.65	2	<0.5	0.8	<1.0	1,080	<0.5	NA	NA	TPHd: 50
	2/7/18 - 2/9/18	6.79	134.48	<0.5	<0.5	<0.5	<1.0	514	<0.5	NA	NA	TPHd:<50.0
	5/7/18 - 5/9/18	**5.57**	**135.70**	**0.5**	**0.5**	**<0.5**	**<1.0**	**1,730**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-12	12/19/00	11.67	125.58	140	15	71	33	5,500	<0.5			
137.25	03/22/01	6.33	130.92	5.5	8.0	18	11	4,300	9.6			
(5'-20')	06/26/01	11.26	125.99	51	11	140	68	10,000	<0.5			
2"	09/11/01	12.61	124.64	--	--	--	--	--	--	--	--	
	10/16/01	15.54	121.71	--	--	--	--	--	--	--	--	
	11/13/01	11.36	125.89	19	8.2	330	210	11,000	<2.0			ND
140.77	12/07/01	--	--	--	--	--	--	--	--	--	--	
	12/11/01	--	--	--	--	--	--	--	--	--	--	
	01/15/02	--	--	--	--	--	--	--	--	--	--	Not Accessible
	02/12/02	5.44	135.33	44	2.9	54	27	4,900	<2.0			
	03/12/02	5.01	135.76	--	--	--	--	--	--	--	--	
	04/16/02	6.50	134.27	--	--	--	--	--	--	--	--	
	05/14/02	--	--	--	--	--	--	--	--	--	--	Not Accessible
	06/11/02	10.56	130.21	--	--	--	--	--	--	--	--	
	07/16/02	12.80	127.97	--	--	--	--	--	--	--	--	
	08/13/02	14.26	126.51	35	5.5	74	30	8,300	<2.0			
	12/02/02	12.68	128.09	47	3.7	72	23	4,900	<1.0	<1.0		
	03/05/03	5.19	135.58	8.9	5.2	130	136	6,200	<1.0	<1.0		
	06/12/03	6.82	133.95	30	5.7	100	32	9,000	<2.0	<2.0		
	09/16/03	12.21	128.56	33	5.1	53	23	4,300	<1.0	<1.0		ND
	12/16/03	7.59	133.18	36	5.1	38	18	9,400	<1.5	<1.5		ND
	03/15/04	4.96	135.81	28	4.7	39	14	6,000	<0.50	<0.50		ND
	06/16/04	9.65	131.12	36	4.7	45	14	5,200	<1.0	<1.0		ND
	09/13/04	13.68	127.09	29	5.1	53	16	9,800	<0.50	<0.50		ND
	12/13/04	8.38	132.39	32	3.3	17	9.5	5,900	<0.50	<0.50		ND
	03/01/05	4.55	136.22	2.6	0.89	8.3	2.5	1,100	<0.50	<0.50		ND
	06/08/05	5.44	135.33	42	2.4	10	4.3	4,000	0.51	<0.50		ND
	09/07/05	10.95	129.82	25	4.4	93	22.0	9,800	<0.50	<0.50		ND
	12/14/05	8.28	132.49	44	3.4	14	8.1	6,500	<0.90	<0.90		ND
	03/07/06	3.94	136.83	30	3	18	7.0	5,000	<0.50	<0.50		ND
	06/07/06	6.36	134.41	34	2.4	18	6.3	5,000	<0.50	<0.50		ND
	09/28/06	12.47	128.30	21	3.1	35	9.3	7,200	<0.90	<0.90		ND
	12/15/06	8.19	132.58	2.6	2.9	20	7.9	4,900	<0.50	<0.50		ND
	12/28/06	NM	NC	20	5.1	18	16	4,200	<0.50	NA		NA
	03/23/07	6.00	134.77	1.1	0.99	7.2	2.2	2,100	<0.50	<0.50		ND
	06/04/07	8.35	132.42	32	2.9	14	4.1	3,800	<0.50	<0.50	1.9[a], 0.51[b]	
	09/07/07	12.75	128.02	2.9	3.4	45	9.4	7,200	<0.50	<0.50	1.2[c]	
	12/11/07	10.08	130.69	2.1	1.8	18	3.9	5,000	<0.50	<0.50		ND
	02/13/08	4.55	136.22	<0.5	<0.5	<0.5	<0.5	75	<0.50	<0.50		ND
	05/27/08	9.04	131.73	3.0	2.4	24	3.9	4,800	<0.90	<0.90		ND
	09/10/08	12.62	128.15	2.0	2.7	36	8.1	6,100	<0.50	NA		ND
	11/05/08	10.48	130.29	0.69	0.94	9.1	2.5	4,000	<0.50	NA		ND
	02/16/09	6.82	133.95	2.6	2.2	17	5.5	5,400	<0.90	NA		ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Sampling Date**	Depth to Groundwater (ft)[#]	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-12	05/06/09	NM	NC	NS	NS	NS	NS	NS	NS	NS		Car over well
(continued)	08/10/09	10.39	130.38	4.5	2.2	21	4.0	5,400	<0.50	NA		ND
140.77	11/23/09	11.84	128.93	3.0	2.0	18	3.7	5,000	<0.90	NA		ND
(5'-20')	02/10/10	4.97	135.80	NS	NS	NS	NS	NS	NS	NS		Car over well
2"	05/05/10	5.99	134.78	NS	NS	NS	NS	NS	NS	NS		
	08/17/10	10.25	130.52	3.9	1.6	15	2.9	4,800	<0.90	NA		ND
	11/16/10	8.64	132.13	1.7	1.5	17	4.3	4,800	<0.50	NA		ND
	02/02/11	5.55	135.22	<0.50	<0.50	<0.50	<0.50	160	<0.50	NA		ND
	05/04/11	5.32	135.45	<0.50	<0.50	<0.50	<0.50	57	<0.50	NA		ND
	08/11/11	9.67	131.10	0.95	0.66	3.4	1.1	2,400	<0.50	NA		TPHd: <800
	11/16/11	11.97	128.80	2.5	2.2	15	4.6	6,800	<0.50	NA		<1.500
	02/23/12	8.00	132.77	NS	NS	NS	NS	NS	NS	NS		Car over well
	05/17/12	6.38	134.39	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: 100
	08/27/12	12.18	128.59	1.1	1.8	10	2.9	5,100	<0.50	NA		TPHd: <1,500
	11/19/12	11.11	129.66	4.0	1.5	8.3	2.6	5,800	<0.90	NA		TPHd: <1,500
	02/05/13	5.73	135.04	14	1.8	3.7	2.4	3,700	<0.50	NA		TPHd: <1,000
	05/30/13	9.89	130.88	3.0	1.9	12	3.6	6,800	<0.50	NA		TPHd: 1,700
	08/20/13	11.84	128.93	2.1	1.7	8.1	2.7	4,100	<0.50	NA		TPHd: 2,000
	11/12/13	14.14	126.63	2.0	1.1	4.1	2.2	5,200	<0.50	NA		TPHd: 2,200
	02/05/14	12.81	127.96	6.9	<0.90	2.1	1.3	5,600	<0.90	NA		TPHd: 1,800
	04/10/14	5.20	135.57	1.1	0.59	1.3	0.68	1,200	<0.50	NA		TPHd: 360
	08/07/14	11.91	128.86	4.8	0.93	6.1	1.3	4,700	<0.50	NA		TPHd: 620
	12/02/14	12.31	128.46	<0.50	0.69	6.6	1.1	3,500	<0.50	NA		TPHd: 1,400
	02/18/15	5.75	135.02	10	0.55	1.8	0.66	2,700	<0.50	NA		TPHd: 480
	4/20/15 - 4/22/15	8.72	132.05	7.7	0.8	5.1	1.5	3,690	<0.5	NA		TPHd: 354/117**
	8/10/15 - 8-12-15	11.67	129.10	1.4	1.0	4.8	1.4	4,950	<0.50	NA	79.8[d]	TPHd: 1,360
	12/1/2015 - 12/3/15	12.33	128.44	0.63	0.95	6.3	1.2	4,910	<0.50	NA		TPHd: 1,680
	2/1/16-2/3/16	5.00	135.77	2.0	0.82	2.2	<1.0	2,940	<0.50	NA		TPHd: 727
	6/13/16 - 6/15/16	6.72	134.05	1.4	<0.50	1.3	<1.5	1,920	<0.50	NA		TPHd: 481
	8/8/16 - 8/10/16	8.53	132.24	<0.50	0.82	2.1	<1.5	4,210	<0.50	NA		TPHd: 1,000
	11/29/16 - 12/01/16	6.00	134.77	<0.50	<0.50	0.85	<1.5	1,510	<0.50	NA		TPHd: 646
	2/7/17 - 2-9-17	2.95	137.82	10.4	<0.50	0.85	<1.5	1,430	<0.50	ND	1.8[b], 3.4[g], 9.0[h], 4.5[i], 6.2[j], 8.4[k], 3.6[l]	TPHd: 342
	6/19/17 - 6/21/17	6.27	134.50	<0.5	<0.5	<0.5	<1.0	253	<0.5	NA	NA	TPHd: 389
	9/5/17-9/7/17	8.88	131.89	<0.50	<0.50	1.2	<1.5	3,210	<0.50	NA	NA	TPHd: 1,060
	12/18/17-12/20/17	8.57	132.20	<0.5	<0.5	1.3	<1.0	2,390	<0.5	NA	NA	TPHd: <50
	2/7/18 - 2/9/18	6.53	134.24	<0.5	<0.5	0.6	<1.0	1,940	<0.5	NA	NA	TPHd: <50.0
	5/7/18 - 5/9/18	**5.27**	**135.50**	**1.4**	**<0.5**	**<0.5**	**<1.0**	**1,740**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-13	12/19/00	10.81	126.05	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
136.86	03/22/01	5.15	131.71	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
(5'-20')	06/26/01	11.20	125.66	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
2"	09/11/01	12.58	124.28	--	--	--	--	--	--	--	--	
	10/16/01	15.20	121.66	--	--	--	--	--	--	--	--	
	11/13/01	6.53	130.33	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
140.39	12/07/01	--	--	--	--	--	--	--	--	--	--	
	12/11/01	3.45	136.94	--	--	--	--	--	--	--	--	
	01/15/02	3.41	136.98	--	--	--	--	--	--	--	--	
	02/12/02	4.91	135.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
	03/12/02	4.61	135.78	--	--	--	--	--	--	--	--	
	04/16/02	6.02	134.37	--	--	--	--	--	--	--	--	
	05/14/02	8.28	132.11	<0.50	<0.50	<0.50	<0.50	<50	<0.50			ND
	06/11/02	12.45	127.94	--	--	--	--	--	--	--	--	
	07/16/02	11.38	129.01	--	--	--	--	--	--	--	--	
	08/13/02	13.45	126.94	<0.50	<0.50	<0.50	<0.50	<50	3.2			
	12/02/02	12.08	128.31	<0.50	<0.50	<0.50	<0.50	<50	2.6	<0.50		
	03/05/03	4.91	135.48	<0.50	<0.50	<0.50	<0.50	<50	0.76	<0.50		
	06/12/03	6.47	133.92	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	09/16/03	12.05	128.34	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/16/03	5.85	134.54	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/15/04	4.73	135.66	<0.50	<0.50	<0.50	<0.50	<50	0.6	<0.50		ND
	06/16/04	9.55	130.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/13/04	13.43	126.96	<0.50	<0.50	<0.50	<0.50	<50	5.8	<0.50		ND
	12/13/04	7.30	133.09	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/01/05	4.39	136.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/08/05	5.13	135.26	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/07/05	10.93	129.46	<0.50	<0.50	<0.50	<0.50	<50	1.4	<0.50		ND
	12/14/05	8.01	132.38	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/07/06	3.95	136.44	<0.50	<0.50	<0.50	<0.50	<50	1.6	<0.50		ND
	06/07/06	6.03	134.36	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS		Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS		Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS		Annual Sample
	06/04/07	8.31	132.08	<0.50	<0.50	<0.50	<0.50	<50	12	<0.50	PERC:1.2	
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS		Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS		Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS		Annual Sample
	05/27/08	9.04	131.35	<0.50	<0.50	<0.50	<0.50	<50	4.2	<0.50		ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS		Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS		Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS		Annual Sample
	05/06/09	5.01	135.38	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA		ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-13	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.39	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5'-20')	05/05/10	5.33	135.06	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
2"	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/04/11	5.11	135.28	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.02	134.37	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: 56
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/30/13	9.94	130.45	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: 59
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/10/14	4.89	135.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: <50
	08/07/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/01/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/18/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	8.72	131.67	<0.5	<0.5	<0.5	<1.0	<50	4.1	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/2015 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16-2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	4.77	135.62	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: <49.4
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17 - 2-9-17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	4.67	135.72	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17-9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17-12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/18 - 2/9/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	5/7/18 - 5/9/18	**4.58**	**135.81**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Sampling Date**	Depth to Groundwater (ft)[#]	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-14A	09/07/05	11.95	126.09	0.74	<0.50	12	3.1	5,000	7.9	<0.50		ND
138.04	12/14/05	9.09	128.95	<0.50	<0.50	0.73	<0.50	940	7.6	<0.50		ND
(5'-20')	03/07/06	3.94	134.10	1.4	<0.50	1.2	<0.50	1,600	2.5	<0.50		ND
2"	06/07/06	7.17	130.87	1.6	<0.50	1.5	0.56	1,900	3.2	<0.50		ND
	09/28/06	13.54	124.50	<0.50	<0.50	1.6	<0.50	1,000	9.7	<0.50	PERC:0.70	
	12/15/06	8.60	129.44	<0.50	<0.50	<0.50	<0.50	110	6.6	<0.50	PERC:0.70	
	03/23/07	6.62	131.42	<0.50	<0.50	<0.50	<0.50	240	6.8	<0.50		ND
	06/04/07	9.20	128.84	<0.50	<0.50	1.3	<0.50	1,300	2.9	<0.50		ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS		Not Accessible
	12/11/07	10.70	127.34	<0.50	<0.50	<0.50	<0.50	390	7.0	<0.50		ND
	02/13/08	4.90	133.14	<0.50	<0.50	<0.50	<0.50	96	1.4	<0.50		ND
	05/27/08	9.95	128.09	0.61	<0.50	<0.50	<0.50	980	2.0	<0.50		ND
	09/10/08	13.49	124.55	<0.50	<0.50	<0.50	<0.50	<50	6.7	NA		ND
	11/05/08	11.36	126.68	<0.50	<0.50	<0.50	<0.50	260	8.0	NA		ND
	02/16/09	6.52	131.52	<0.50	<0.50	<0.50	<0.50	94	2.9	NA		ND
	05/06/09	6.15	131.89	<0.50	<0.50	<0.50	<0.50	<50	4.7	NA		ND
	08/10/09	12.46	125.58	<0.50	<0.50	<0.50	<0.50	440	4.3	NA		ND
	11/23/09	12.72	125.32	<0.50	<0.50	<0.50	<0.50	160	11	NA		ND
	02/10/10	4.79	133.25	1.0	<0.50	<0.50	<0.50	280	3.2	NA		92[d]
	05/05/10	5.72	132.32	<0.50	<0.50	<0.50	<0.50	390	1.7	NA		ND
	08/17/10	11.22	126.82	<0.50	<0.50	0.95	<0.50	1,200	3.9	NA		ND
	11/16/10	9.19	128.85	<0.50	<0.50	0.95	<0.50	200	7.6	NA		ND
	02/02/11	6.09	131.95	<0.50	<0.50	<0.50	<0.50	590	2.0	NA		ND
	05/04/11	5.98	132.06	0.58	<0.50	<0.50	<0.50	780	0.72	NA	4.1[g], 6.8[h], 3.0[i], 3.6[j], 2.7[k]	
	08/11/11	10.48	127.56	<0.50	<0.50	1.4	<0.50	2,100	1.6	NA		TPHd: <500
	11/16/11	12.85	125.19	<0.50	<0.50	<0.50	<0.50	75	13	NA		TPHd: <50
	02/23/12	8.71	129.33	<0.50	<0.50	<0.50	<0.50	380	4.2	NA		TPHd: <200
140.67	05/17/12	7.01	133.66	<0.50	<0.50	<0.50	<0.50	640	2.1	NA		TPHd: <200
	08/27/12	13.18	127.49	<0.50	<0.50	<0.50	<0.50	230	9.3	NA		TPHd: <50
	11/19/12	11.40	129.27	<0.50	<0.50	<0.50	<0.50	110	9.3	NA		TPHd: 74
	02/05/13	6.26	134.41	<0.50	<0.50	<0.50	<0.50	570	2.0	NA		TPHd: <200
	05/30/13	10.83	129.84	<0.50	<0.50	<0.50	<0.50	1,200	2.7	NA		TPHd: 250
	08/20/13	12.93	127.74	<0.50	<0.50	<0.50	<0.50	160	11	NA		TPHd: 110
	11/12/13	15.10	125.57	<0.50	<0.50	<0.50	<0.50	140	13	NA		TPHd: 120
	02/05/14	14.97	125.70	<0.50	<0.50	<0.50	<0.50	350	10	NA		TPHd: 100
	04/10/14	5.55	135.12	<0.50	<0.50	<0.50	<0.50	50	1.5	NA		TPHd: 75
	08/07/14	12.95	127.72	<0.50	<0.50	<0.50	<0.50	260	12.0	NA		TPHd: 590
	12/01/14	12.94	127.73	<0.50	<0.50	<0.50	<0.50	420	4.6	NA		TPHd: 330
	02/18/15	6.24	134.43	<0.50	<0.50	<0.50	<0.50	260	5.70	NA		TPHd: 78

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Sampling Date**	Depth to Groundwater (ft)[#]	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-14A	4/20/15 - 4/22/15	9.57	131.10	<0.5	<0.5	<0.5	<0.5	841	4.9	NA		TPHd: 431/<53.3**
140.67	8/10/15 - 8-12-15	13.68	126.99	<0.50	<0.50	<0.50	<0.50	507	6.5	NA		TPHd: 213
(5'-20')	12/1/2015 - 12/3/15	12.90	127.77	<0.50	<0.50	<0.50	<1.0	96.6	<0.50	NA		TPHd: <49.5
2"	2/1/16- 2/3/16	5.38	135.29	<0.50	<0.50	<0.50	<1.0	72.8	8.7	NA		TPHd: 54.9
	6/13/16 - 6/15/16	7.20	133.47	<0.50	<0.50	<0.50	<1.5	<50	6.1	NA	53.8[d]	TPHd: 86.8
	8/8/16 - 8/10/16	9.20	131.47	<0.50	<0.50	<0.50	<1.5	146	4.0	NA		TPHd: <98.4
	11/29/16 - 12/01/16	6.29	134.38	<0.50	<0.50	<0.50	<1.5	<50	2.1	NA		TPHd: <101
	2/7/17 - 2-9-17	3.01	137.66	<0.50	<0.50	<0.50	<1.5	403	<0.50	<0.50	1.9[g], 2.2[h], 1.8[i], 2.4[j], 1.2[k], 0.9[l]	TPHd: 235
	6/19/17 - 6/21/17	6.77	133.90	<0.5	<0.5	<0.5	<1.0	443	<0.5	NA	NA	TPHd: <50
	9/5/17- 9/7/17	9.46	131.21	<0.50	<0.50	<0.50	<1.5	81.1	2.6	NA	NA	TPHd: <101
	12/18/17- 12/20/17	8.92	131.75	<0.5	<0.5	<0.5	<1.0	177.0	<0.5	NA	NA	TPHd: <50
	2/7/18 - 2/9/18	6.95	133.72	<0.5	<0.5	<0.50	<1.0	155	2.1	NA	NA	TPHd:<50.0
	5/7/18 - 5/9/18	**5.65**	**135.02**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**241**	**4.0**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-14B	09/07/05	15.80	122.21	<0.50	<0.50	<0.50	<0.50	230	5.8	<0.50		ND
138.01	12/14/05	9.05	128.96	<0.50	<0.50	<0.50	<0.50	<50	1.8	<0.50		ND
(30'-40')	03/07/06	4.21	133.80	<0.50	<0.50	<0.50	<0.50	65	6.8	<0.50		ND
2"	06/07/06	9.46	128.55	<0.50	<0.50	<0.50	<0.50	<50	8.6	<0.50		ND
	09/28/06	18.10	119.91	<0.50	<0.50	<0.50	<0.50	<50	9.9	<0.50	PERC:0.89	
	12/15/06	18.13	119.88	<0.50	<0.50	<0.50	<0.50	<50	4.2	<0.50		ND
	03/23/07	18.36	119.65	<0.50	<0.50	<0.50	<0.50	<50	15	ND	PERC:0.90	
	06/04/07	16.82	121.19	<0.50	<0.50	<0.50	<0.50	<50	12	ND	PERC:0.95	
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS		Not Accessible
	12/11/07	17.59	120.42	<0.50	<0.50	<0.50	<0.50	<50	12	<0.50	PERC:1.4	
	02/13/08	5.62	132.39	<0.50	<0.50	<0.50	<0.50	<50	10	<0.50		ND
	05/27/08	9.82	128.19	<0.50	<0.50	<0.50	<0.50	<50	9.1	<0.50		ND
	09/10/08	13.72	124.29	<0.50	<0.50	<0.50	<0.50	320	9.1	NA		ND
	11/05/08	10.90	127.11	<0.50	<0.50	<0.50	<0.50	<50	4.4	NA		16[e]
	02/16/09	8.48	129.53	<0.50	<0.50	<0.50	<0.50	<50	1.5	NA		ND
	05/06/09	14.81	123.20	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/10/09	15.44	122.57	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	11/23/09	12.25	125.76	<0.50	<0.50	<0.50	<0.50	<50	3.5	NA		ND
	02/10/10	10.69	127.32	<0.50	<0.50	<0.50	<0.50	<50	1.0	NA		ND
	05/05/10	12.19	125.82	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/17/10	13.74	124.27	<0.50	<0.50	<0.50	<0.50	<50	0.55	NA		ND
	11/16/10	18.97	119.04	<0.50	<0.50	<0.50	<0.50	<50	3.0	NA		ND
	02/02/11	16.32	121.69	<0.50	<0.50	<0.50	<0.50	<50	9.8	NA		ND
	05/04/11	18.83	119.18	<0.50	<0.50	<0.50	<0.50	<50	2.0	NA		TPHd: 110
	08/11/11	17.71	120.30	<0.50	<0.50	<0.50	<0.50	<50	6.7	NA		TPHd: 53
	11/16/11	12.29	125.72	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	6.3[e]	TPHd: 280,
	02/23/12	8.82	129.19	<0.50	<0.50	<0.50	<0.50	<50	1.7	NA		TPHd: 62
140.63	05/17/12	7.92	132.71	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: 68
	08/27/12	12.53	128.10	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: <50
	11/19/12	11.41	129.22	<0.50	<0.50	<0.50	<0.50	<50	1.4	NA		TPHd: 78
	02/05/13	6.75	133.88	<0.50	<0.50	<0.50	<0.50	<50	0.67	NA		TPHd: 230
	05/30/13	10.60	130.03	<0.50	<0.50	<0.50	<0.50	<50	6.9	NA		ND
	08/20/13	24.42	116.21	<0.50	<0.50	<0.50	<0.50	<50	2.5	NA		ND
	11/12/13	25.29	115.34	<0.50	<0.50	<0.50	<0.50	<50	2.1	NA		ND
	02/05/14	13.81	126.82	<0.50	<0.50	<0.50	<0.50	<50	1.5	NA		TPHd: 170
	04/10/14	5.39	135.24	<0.50	<0.50	<0.50	<0.50	<50	4.4	NA		TPHd: <50
	08/07/14	8.19	132.44	<0.50	<0.50	<0.50	<0.50	<50	2.3	NA		TPHd: 55
	12/03/14	12.54	128.09	<0.50	<0.50	<0.50	<0.50	<50	0.62	NA		TPHd: <50
	02/18/15	6.14	134.49	<0.50	<0.50	<0.50	<0.50	<50	10	NA		TPHd: <50

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-14B	4/20/15 - 4/22/15	8.94	131.69	<0.5	<0.5	<0.5	<1.0	<50	13.9	NA		TPHd: <50/<53.3**
140.63	8/10/15 - 8-12-15	11.92	128.71	<0.50	<0.50	<0.50	<0.50	<50	3.3	NA	96.3[d]	TPHd: <50.5
(30'-40')	12/1/2015 - 12/3/15	14.68	125.95	<0.50	<0.50	<0.50	<1.0	<50	6.0	NA		TPHd: <50.1
2"	2/1/16- 2/3/16	6.30	134.33	<0.50	<0.50	<0.50	<1.0	<50	10.7	NA		TPHd: 74.8
	6/13/16 - 6/15/16	5.81	134.82	<0.50	<0.50	<0.50	<1.5	390	9.4	NA	77.5[d]	TPHd: 96.5
	8/8/16 - 8/10/16	9.97	130.66	<0.50	<0.50	<0.50	<1.5	266	8.6	NA		TPHd: <97.4
	11/29/16 - 12/01/16	10.39	130.24	<0.50	<0.50	<0.50	<1.5	<50	6.0	NA		TPHd: 921
	2/7/17 - 2-9-17	4.42	136.21	<0.50	<0.50	<0.50	<1.5	<50	9.1	ND	0.6[m]	TPHd: 205
	6/19/17 - 6/21/17	5.03	135.60	<0.5	<0.5	<0.5	<1.0	<50	7.3	NA	NA	TPHd: <50
	9/5/17- 9/7/17	10.78	129.85	<0.50	<0.50	<0.50	<1.5	<50	<0.50	ND		TPHd:<100
	12/18/17- 12/20/17	11.50	129.13	<0.5	<0.5	<0.5	<1.0	71.0	6.8	NA	NA	TPHd: <50
	2/7/18 - 2/9/18	8.84	131.79	<0.5	<0.5	<0.5	<1.0	<50.0	3.2	NA	NA	TPHd:<50.0
	5/7/18 - 5/9/18	**6.63**	**134.00**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**3.2**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-15A	09/07/05	11.05	125.77	<0.50	<0.50	<0.50	<0.50	98	19	<0.50		ND
136.82	12/14/05	8.01	128.81	<0.50	<0.50	<0.50	<0.50	85	19	<0.50		ND
(5'-20')	03/07/06	2.50	134.32	<0.50	<0.50	<0.50	<0.50	100	2.2	<0.50		ND
2"	06/07/06	6.91	129.91	<0.50	<0.50	<0.50	<0.50	71	2.1	<0.50		ND
	09/28/06	13.17	123.65	<0.50	<0.50	<0.50	<0.50	130	13	<0.50	Cis-1,2-DCE: 8.3, TCE:13, PERC:69,	
	12/15/06	8.02	128.80	<0.50	<0.50	<0.50	<0.50	78	9.8	<0.50	Cis-1,2-DCE: 4.7, TCE:7.8, PERC:39,	
	03/23/07	6.04	130.78	<0.50	<0.50	<0.50	<0.50	72	7.1	<0.50	Cis-1,2-DCE: 4.2, TCE:6.2, PERC:37,	
	06/04/07	7.96	128.86	<0.50	<0.50	<0.50	<0.50	54	4.6	<0.50	Cis-1,2-DCE: 3.4, TCE:5.6, PERC:33,	
	09/07/07	13.26	123.56	<0.50	<0.50	<0.50	<0.50	97	7.1	<0.50	Cis-1,2-DCE: 7.2, TCE:9.7, PERC:49,	
	12/11/07	9.75	127.07	<0.50	<0.50	<0.50	<0.50	82	6.4	<0.50	Cis-1,2-DCE: 4.6, TCE:7.5, PERC:48, Carbon Tet: 0.56	
	02/13/08	4.15	132.67	<0.50	<0.50	<0.50	<0.50	<50	2.2	<0.50		ND
	05/27/08	9.18	127.64	<0.50	<0.50	<0.50	<0.50	66	3.3	<0.50		ND
	09/10/08	13.80	123.02	<0.50	<0.50	<0.50	<0.50	100	4.9	NA		ND
	11/05/08	10.43	126.39	<0.50	<0.50	<0.50	<0.50	130	4.2	NA		38[e]
	02/16/09	6.10	130.72	<0.50	<0.50	<0.50	<0.50	71	2.5	NA		ND
	05/06/09	5.98	130.84	<0.50	<0.50	<0.50	<0.50	73	2.2	NA		ND
	08/10/09	12.39	124.43	<0.50	<0.50	<0.50	<0.50	62	3.5	NA		ND
	11/23/09	12.57	124.25	<0.50	<0.50	<0.50	<0.50	66	<0.50	NA		ND
	02/10/10	3.72	133.10	<0.50	<0.50	<0.50	<0.50	85	1.2	NA		ND
	05/05/10	5.62	131.20	<0.50	<0.50	<0.50	<0.50	92	0.84	NA	110[d]	
	08/17/10	10.81	126.01	<0.50	<0.50	<0.50	<0.50	71	2.4	NA		ND
	11/16/10	8.88	127.94	<0.50	<0.50	<0.50	<0.50	110	1.8	NA		ND
	02/02/11	5.81	131.01	<0.50	<0.50	<0.50	<0.50	76	0.87	NA		ND
	05/04/11	5.98	130.84	<0.50	<0.50	<0.50	<0.50	110	<0.50	NA	Cis-1,2-DCE:6.7 TCE: 10, PERC:57, Dichlorodifluoro-	
	08/11/11	9.67	127.15	<0.50	<0.50	<0.50	<0.50	70	2.0	<0.5	Cis-1,2-DCE:5.5 TCE: 7.5, PERC:39, TPHd:<50	

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-15A	11/16/11	12.84	123.98	<0.50	<0.50	<0.50	<0.50	110	3.0	NA		TPHd: <50
(Continued)	02/23/12	8.03	128.79	<0.50	<0.50	<0.50	<0.50	61	0.90	NA		TPHd: <50
139.5	05/17/12	6.38	133.12	<0.50	<0.50	<0.50	<0.50	110	0.98	NA		TPHd: 61
(5'-20')	08/27/12	12.82	126.68	<0.50	<0.50	<0.50	<0.50	170	2.0	NA		TPHd: <50
2"	11/19/12	10.59	128.91	<0.50	<0.50	<0.50	<0.50	140	2.4	NA		TPHd: <50
	02/05/13	6.25	133.25	<0.50	<0.50	<0.50	<0.50	130	0.61	NA		TPHd: <50
	05/30/13	9.92	129.58	<0.50	<0.50	<0.50	<0.50	81	1.3	NA		TPHd: <50
	08/20/13	12.72	126.78	<0.50	<0.50	<0.50	<0.50	120	1.9	NA		TPHd: <50
	11/12/13	14.52	124.98	<0.50	<0.50	<0.50	<0.50	100	2.2	NA		TPHd: <50
	02/05/14	13.28	126.22	<0.50	<0.50	<0.50	<0.50	100	0.64	NA		TPHd: <50
	04/10/14	5.07	134.43	<0.50	<0.50	<0.50	<0.50	120	<0.50	NA		TPHd: 53
	08/07/14	13.25	126.25	<0.50	<0.50	<0.50	<0.50	110	1.4	NA		TPHd: <50
	12/02/14	12.28	127.22	<0.50	<0.50	<0.50	<0.50	82	0.94	NA		TPHd: <50
	02/18/15	5.59	133.91	<0.50	<0.50	<0.50	<0.50	88	<0.50	NA		TPHd: <50
	4/20/15 - 4/22/15	8.61	130.89	<0.5	<0.5	<0.5	<1.0	<50	1.0	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	13.66	125.84	<0.50	<0.50	<0.50	<0.50	139	1.7	NA		TPHd: <52
	12/1/2015 - 12/3/15	14.99	124.51	<0.50	<0.50	<0.50	<1.0	84.7	0.58	NA	50.4[d], 11.6[e],	TPHd: <49.5
	2/1/16-2/3/16	4.97	134.53	<0.50	<0.50	<0.50	<1.0	75.0	<0.50	NA		TPHd: <49.3
	6/13/16 - 6/15/16	7.75	131.75	<0.50	<0.50	<0.50	<1.5	62.2	<0.50	NA		TPHd: <49.6
	8/8/16 - 8/10/16	10.99	128.51	<0.50	<0.50	<0.50	<1.5	83.5	0.67	NA		TPHd: <97.7
	11/29/16 - 12/01/16	6.62	132.88	<0.50	<0.50	<0.50	<1.5	74.9	0.76	NA		TPHd: <100
	2/7/17 - 2-9-17	1.59	137.91	<0.50	<0.50	<0.50	<1.5	<50	<0.50	ND	3.3[b], TCE:6.0, PERC: 27.0	214
	6/19/17 - 6/21/17	7.12	132.38	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17-9/7/17	11.45	128.05	<0.50	<0.50	<0.50	<1.5	61.5	0.76	NA	NA	TPHd: <101
	12/18/17-12/20/17	10.52	128.98	<0.5	<0.5	<0.5	<1.0	<50	1.1	NA	NA	TPHd: <50
	2/7/18 - 2/9/18	7.17	132.33	<0.5	<0.5	<0.5	<1.0	<50.0	0.6	NA	NA	TPHd:<50.0
	5/7/18 - 5/9/18	**5.52**	**133.98**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Sampling Date**	Depth to Groundwater (ft)[#]	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-15B	09/07/05	18.81	117.85	<0.50	<0.50	<0.50	<0.50	130	6.5	<0.50		ND
136.66	12/14/05	15.70	120.96	<0.50	<0.50	<0.50	<0.50	140	6.2	<0.50		ND
(30'-40')	03/07/06	8.93	127.73	<0.50	<0.50	<0.50	<0.50	78	0.92	<0.50		ND
2"	06/07/06	15.32	121.34	<0.50	<0.50	<0.50	<0.50	160	3.7	<0.50		ND
	09/28/06	20.64	116.02	<0.50	<0.50	<0.50	<0.50	99	7.2	<0.50	Cis-1,2-DCE:9.8 Carbon Tet: 0.67, TCE: 13, PERC:63	
	12/15/06	16.82	119.84	<0.50	<0.50	<0.50	<0.50	130	4.8	<0.50	Cis-1,2-DCE:6.9 Carbon Tet: 0.56, TCE: 11, PERC:59	
	03/23/07	14.55	122.11	<0.50	<0.50	<0.50	<0.50	67	<0.50	<0.50	Cis-1,2-DCE:6.1 TCE: 8.0, PERC:34	
	06/04/07	16.59	120.07	<0.50	<0.50	<0.50	<0.50	64	<0.50	<0.50	Cis-1,2-DCE:5.4 TCE: 8.4, PERC:35	
	09/07/07	21.46	115.20	<0.50	<0.50	<0.50	<0.50	82	0.52	<0.50	Cis-1,2-DCE:3.4 TCE: 7.9, PERC:38	
	12/11/07	17.70	118.96	<0.50	<0.50	<0.50	<0.50	95	0.70	<0.50	Cis-1,2-DCE:5.1 TCE: 9.2, PERC:61, Carbon	
	02/13/08	12.18	124.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	05/27/08	17.84	118.82	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/10/08	22.31	114.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	50[d]	
	11/05/08	19.49	117.17	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	63[d], 23[e]	
	02/16/09	15.14	121.52	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	05/06/09	14.32	122.34	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/10/09	20.48	116.18	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	11/23/09	19.76	116.90	<0.50	<0.50	<0.50	<0.50	95	3.4	NA		ND
	02/10/10	11.56	125.10	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	05/05/10	14.42	122.24	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/17/10	18.72	117.94	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	11/16/10	16.21	120.45	<0.50	<0.50	<0.50	<0.50	75	<0.50	NA		ND
	02/02/11	13.51	123.15	<0.50	<0.50	<0.50	<0.50	76	0.79	NA		ND
	05/04/11	14.02	122.64	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	Cis-1,2-DCE:1.2 TCE: 2.0, PERC:8.2	

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-15B	8/11/2011	17.81	118.85	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: 65
(continued)	11/16/11	19.36	117.30	<0.50	<0.50	<0.50	<0.50	56	0.81	NA	7.6[e]	TPHd: 64
(30'-40')	02/23/12	15.41	121.25	<0.50	<0.50	<0.50	<0.50	53	<0.50	NA		TPHd: <50
2"	05/17/12	14.32	125.30	<0.50	<0.50	<0.50	<0.50	78	<0.50	NA		TPHd: 53
139.62	08/27/12	20.43	119.19	<0.50	<0.50	<0.50	<0.50	85	<0.50	NA		TPHd: <50
	11/19/12	18.51	121.11	<0.50	<0.50	<0.50	<0.50	100	<0.50	NA		TPHd: <50
	02/05/13	13.78	125.84	<0.50	<0.50	<0.50	<0.50	140	0.64	NA		TPHd: <50
	05/30/13	17.42	122.20	<0.50	<0.50	<0.50	<0.50	150	0.56	NA		TPHd: <50
	08/20/13	20.16	119.46	<0.50	<0.50	<0.50	<0.50	120	1.1	NA		TPHd: 62
	11/12/13	21.79	117.83	<0.50	<0.50	<0.50	<0.50	140	1.7	NA		TPHd: <50
	02/05/14	20.40	119.22	<0.50	<0.50	<0.50	<0.50	150	1.4	NA		TPHd: <50
	04/10/14	12.38	127.24	<0.50	<0.50	<0.50	<0.50	130	<0.50	NA		TPHd: 59
	08/07/14	20.25	119.37	<0.50	<0.50	<0.50	<0.50	110	0.97	NA		TPHd: 66
	12/02/14	19.40	120.22	<0.50	<0.50	<0.50	<0.50	120	1.60	NA		TPHd: <50
	02/18/15	5.54	134.08	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: <50
	4/20/15 - 4/22/15	15.38	124.24	<0.5	<0.5	<0.5	<1.0	73.4	0.7	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	20.45	119.17	<0.50	<0.50	<0.50	<0.50	148	1.2	NA		TPHd: <51
	12/1/2015 - 12/3/15	22.11	117.51	<0.50	<0.50	<0.50	<1.0	132	1.6	NA	61.1[d], 17.4[e]	TPHd: <49.9
	2/1/16- 2/3/16	11.93	127.69	<0.50	<0.50	<0.50	<1.0	106	0.50	NA		TPHd: <49.4
	6/13/16 - 6/15/16	15.25	124.37	<0.50	<0.50	<0.50	<1.5	71.4	<0.50	NA		TPHd: < 49.1
	8/8/16 - 8/10/16	18.47	121.15	<0.50	<0.50	<0.50	<1.5	106.0	0.54	NA		TPHd: <97.8
	11/29/16 - 12/01/16	13.49	126.13	<0.50	<0.50	<0.50	<1.5	103	0.59	NA		TPHd: <100
	2/7/17 - 2-9-17	8.57	131.05	<0.50	<0.50	<0.50	<1.5	<50	<0.50	ND	1.2[m], 7.9[b], TCE: 11.8, PERC: 44.5	TPHd: 218
	6/19/17 - 6/21/17	14.45	125.17	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17- 9/7/17	18.55	121.07	<0.50	<0.50	<0.50	<1.5	78.7	0.86	NA	NA	TPHd: <101
	12/18/17- 12/20/17	16.90	122.72	<0.5	<0.5	<0.5	<1.0	<50	1.3	NA	NA	TPHd: <50
	2/7/18 - 2/9/18	13.82	125.80	<0.5	<0.5	<0.5	<1.0	<50.0	0.6	NA	NA	TPHd:<50.0
	5/7/18 - 5/9/18	**12.54**	**127.08**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
RW-1	12/19/00	9.52	128.63	<0.5	<0.5	<0.5	<0.5	<50	89			
138.15	03/22/01	4.76	133.39	<0.5	<0.5	<0.5	<0.5	<50	2.2			
UK	06/26/01	9.56	128.59	<0.5	<0.5	<0.5	<0.5	<50	190			
	09/11/01	--	--	--	--	--	--	--	--	--	--	Dry
	10/16/01	--	--	--	--	--	--	--	--	--	--	Dry
	11/13/01	4.99	133.16	0.94	<0.50	<0.50	1.6	<50	<0.50			
	12/11/01	3.11	135.04	--	--	--	--	--	--	--	--	
	01/15/02	3.18	134.97	--	--	--	--	--	--	--	--	
140.60	02/14/02	--	--	--	--	--	--	--	--	--	--	
	02/12/02	4.51	136.09	<0.50	<0.50	<0.50	<0.50	<50	7.3			
	03/12/02	4.24	136.36	--	--	--	--	--	--	--	--	
	04/16/02	5.15	135.45	--	--	--	--	--	--	--	--	
	05/14/02	7.25	133.35	1.1	<0.50	<0.05	<0.50	<50	17			ND
	06/11/02	8.91	131.69	--	--	--	--	--	--	--	--	
	07/16/02	10.36	130.24	--	--	--	--	--	--	--	--	
	08/13/02	10.71	129.89	--	--	--	--	--	--	--	--	Dry
	12/02/02	10.53	130.07	--	--	--	--	--	--	--	--	Dry
	03/05/03	4.55	136.05	<0.50	<0.50	<0.50	<0.50	<50	21	<0.50		
	06/12/03	5.63	134.97	<0.50	<0.50	<0.50	<0.50	<50	12	<0.50		
	09/16/03	10.43	130.17	--	--	--	--	--	--	--		
	12/16/03	5.05	135.55	<0.50	<0.50	<0.50	<0.50	<50	3	<0.50		
	03/15/04	4.41	136.19	<0.50	<0.50	<0.50	<0.50	<50	0.5	<0.50		
	06/16/04	8.57	132.03	<0.50	<0.50	<0.50	<0.50	<50	35	<0.50		TBA:19
	09/13/04	DRY	DRY	--	--	--	--	--	--	--		
	12/13/04	6.11	134.49	12	<0.50	<0.50	<0.50	60	7.6	<0.50		ND
	03/01/05	3.92	136.68	<0.50	<0.50	<0.50	<0.50	<50	1.2	<0.50		ND
	06/08/05	4.68	135.92	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/07/05	9.83	130.77	<0.50	<0.50	<0.50	<0.50	<50	15	<0.50		TBA:5.8
	12/14/05	7.16	133.44	0.96	<0.50	<0.50	<0.50	<50	3.5	<0.50		ND
	03/07/06	3.25	137.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/07/06	5.16	135.44	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.48	133.12	<0.50	<0.50	<0.50	<0.50	<50	1.0	<0.50		ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.29	132.31	<0.50	<0.50	<0.50	<0.50	<50	5.7	<0.50		TBA: 6.3
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
RW-1	05/06/09	4.83	135.77	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
(continued)	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.60	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
UK	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	4.76	135.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/04/11	5.20	135.40	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	5.17	135.43	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/30/13	8.78	131.82	<0.50	<0.50	<0.50	<0.50	<50	3.8	NA		TPHd: 420
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/10/14	4.59	136.01	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: <50
	08/07/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/01/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/18/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	7.75	132.85	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/2015 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16- 2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	4.44	136.16	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 62.3
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17 - 2-9-17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	4.45	136.15	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17- 9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17- 12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/18 - 2/9/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	5/7/18 - 5/9/18	**4.26**	**136.34**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
RW-2	12/19/00	9.73	128.58	<0.5	<0.5	<0.5	<0.5	<50	3.6			
138.31	03/22/01	4.95	133.36	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
UK	06/26/01	9.75	128.56	<0.5	<0.5	<0.5	<0.5	<50	24			
	09/11/01	--	--	--	--	--	--	--	--	--	--	Dry
	10/16/01	--	--	--	--	--	--	--	--	--	--	Dry
	11/13/01	5.20	133.11	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
	12/11/01	3.39	134.92	--	--	--	--	--	--	--	--	
	01/15/02	3.04	135.27	--	--	--	--	--	--	--	--	
140.81	02/14/02	--	--	--	--	--	--	--	--	--	--	
	02/12/02	4.69	136.12	0.57	<0.50	<0.50	<0.50	<50	4.5			
	03/12/02	4.35	136.46	--	--	--	--	--	--	--	--	
	04/16/02	5.32	135.49	--	--	--	--	--	--	--	--	
	05/14/02	7.55	133.26	<0.50	<0.50	<0.50	<0.50	<50	5.9			ND
	06/11/02	9.06	131.75	--	--	--	--	--	--	--	--	
	07/16/02	10.38	130.43	--	--	--	--	--	--	--	--	
	08/13/02	10.84	129.97	--	--	--	--	--	--	--	--	Dry
	12/02/02	10.75	130.06	--	--	--	--	--	--	--	--	Dry
	03/05/03	4.71	136.10	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	06/12/03	5.78	135.03	<0.50	<0.50	<0.50	<0.50	<50	1	<0.50		
	09/16/03	10.44	130.37	--	--	--	--	--	--	--	--	
	12/16/03	5.25	135.56	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	03/15/04	4.55	136.26	<0.50	<0.50	<0.50	<0.50	<50	0.68	<.50		
	06/16/04	8.76	132.05	<0.50	<0.50	<0.50	<0.50	<50	21	<0.50		ND
	09/13/04	DRY	DRY	--	--	--	--	--	--	--	--	
	12/13/04	6.31	134.50	0.86	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/01/05	4.04	136.77	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/08/05	4.81	136.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/07/05	9.86	130.95	<0.50	<0.50	<0.50	<0.50	<50	9.8	<0.50		ND
	12/14/05	7.35	133.46	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/07/06	3.41	137.40	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/07/06	5.35	135.46	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.62	133.19	<0.50	<0.50	<0.50	<0.50	<50	1.9	<0.50		ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.46	132.35	<0.50	<0.50	<0.50	<0.50	<50	2.1	<0.50		ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	4.92	135.89	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
RW-2	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.81	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
UK	05/05/10	4.81	136.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	64[d]	
	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/04/11	4.98	135.83	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	5.63	135.18	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: 69
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/30/13	8.98	131.83	<0.50	<0.50	<0.50	<0.50	<50	1.5	NA		TPHd: <50
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/10/14	4.72	136.09	<0.50	<0.50	<0.50	<0.50	<50	<0.5	NA		TPHd: <50
	08/07/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/01/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/18/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	7.94	132.87	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA		TPHd: <50/<53.3**
	8/10/15 - 8-12-15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/2015 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16-2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	4.67	136.14	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 97.0
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17 - 2-9-17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	4.69	136.12	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17-9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17-12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/18 - 2/9/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	5/7/18 - 5/9/18	**4.55**	**136.26**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
RW-3	12/19/00	9.76	128.50	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
138.26	03/22/01	4.89	133.37	<0.5	<0.5	<0.5	<0.5	<50	3.0			
UK	06/26/01	9.71	128.55	<0.5	<0.5	<0.5	<0.5	<50	68			
	09/11/01	--	--	--	--	--	--	--	--	--	--	Dry
	10/16/01	--	--	--	--	--	--	--	--	--	--	Dry
	11/13/01	5.15	133.11	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
	12/11/01	3.25	135.01	--	--	--	--	--	--	--	--	
	01/15/02	3.23	135.03	--	--	--	--	--	--	--	--	
140.78	02/14/02	--	--	--	--	--	--	--	--	--	--	
	02/12/02	4.63	136.15	<0.50	0.88	<0.50	<0.50	<50	1.5			
	03/12/02	4.31	136.47	--	--	--	--	--	--	--	--	
	04/16/02	5.26	135.52	--	--	--	--	--	--	--	--	
	05/14/02	7.49	133.29	<0.50	<0.50	<0.50	<0.50	<50	13			ND
	06/11/02	9.01	131.77	--	--	--	--	--	--	--	--	
	07/16/02	10.37	130.41	--	--	--	--	--	--	--	--	
	08/13/02	--	--	--	--	--	--	--	--	--	--	Dry
	12/02/02	10.79	129.99	--	--	--	--	--	--	--	--	Dry
	03/05/03	4.73	136.05	<0.50	<0.50	<0.50	<0.50	<50	3.6	<0.50		
	06/12/03	5.72	135.06	<0.50	<0.50	<0.50	<0.50	<50	2.3	<0.50		
	09/16/03	10.40	--	--	--	--	--	--	--	--	--	
	12/16/03	5.25	135.53	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	03/15/04	4.56	136.22	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	06/16/04	8.71	132.07	<0.50	<0.50	<0.50	<0.50	<50	14	<0.50		ND
	09/13/04	DRY	DRY	--	--	--	--	--	--	--	--	
	12/13/04	6.33	134.45	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/01/05	4.05	136.73	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/08/05	4.71	136.07	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/07/05	9.83	130.95	<0.50	<0.50	<0.50	<0.50	<50	6.2	<0.50		ND
	12/14/05	7.30	133.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/07/06	3.38	137.40	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/07/06	5.29	135.49	<0.50	<0.50	<0.50	<0.50	<50	0.59	<0.50		ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.62	133.16	<0.50	<0.50	<0.50	<0.50	<50	2.4	<0.50		ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.44	132.34	<0.50	<0.50	<0.50	<0.50	<50	3.8	<0.50		ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	4.91	135.87	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
RW-3	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.78	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
UK	05/05/10	4.73	136.05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/04/11	4.83	135.95	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	5.32	135.46	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: 92
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/30/13	8.92	131.86	<0.50	<0.50	<0.50	<0.50	<50	0.99	NA		TPHd: 100
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/10/14	4.73	136.05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA		TPHd: <50
	08/07/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/01/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/18/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
RW-3	4/20/15 - 4/22/15	7.95	132.83	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA		TPHd: <50/<53.3**
(continued)	8/10/15 - 8-12-15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.78	12/1/2015 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
UK	2/1/16- 2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	4.65	136.13	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA		TPHd: 66.6
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17 - 2-9-17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	4.66	136.12	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17- 9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17- 12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/18 - 2/9/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	5/7/18 - 5/9/18	**4.51**	**136.27**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50**

Explanations:

TPHg = Total petroleum hydrocarbons as gasoline
TPHd = Total petroleum hydrocarbons as diesel
MTBE = Methyl tertiary butyl ether
1,2-DCA = Dichloroethane
µg/L = Micrograms per liter
TBA = Tert-butanol
TAME = Tert-amyl methyl ether
DIPE = Diisopropyl ether
ETBE = Ethyl-t-butyl ether
PERC = Tetrachloroethene
TCE = Trichloroethene
Carbon Tet = Carbon Tetrachoride

(5'-25') = Depths of screen interval
4" = Well casing diameter
UK = Unknown
-- = Not measured/sampled/analyzed
ND = non detect for DIPE, ETBE, TAME, and TBA
* = Feet relative to mean sea level
** = TPHd Silica Gel
# = Feet below top of riser
NA = Not Analyzed

a = Vinyl Choride
b = cis-1-,2-Dichloroethene
c = Chloroethane
d = Methanol
e = Ethanol
f = TPH Diesel
g = Isopropyl benznene
h = n- Propylbenzene
i = tert -Butylbenzene
j = sec-Butylbenzene
k = n-Butylbenzene
l = Naphthalene
m = Dichlorodifluoromethane

Notes:

Original casing elevation is displayed below well name.
Later surveyed elevations are displayed next to the date they were taken.

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
MW-1	12/19/00	10.76	--	<0.5	<0.5	<0.5	<0.5	<50	4.7			
--	03/22/01	6.01	--	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
(5'-20')	06/26/01	10.41	--	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
4"	09/11/01	10.99	--	--	--	--	--	--	--			
	10/16/01	13.99	--	--	--	--	--	--	--			
	11/13/01	11.45	--	<0.50	<0.50	<0.50	<0.50	<50	2.2			
142.81	12/07/01	--	--	--	--	--	--	--	--			
	12/11/01	4.83	137.98	--	--	--	--	--	--			
	01/15/02	3.51	139.30	--	--	--	--	--	--			
	02/12/02	5.43	137.38	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
	03/12/02	5.40	137.41	--	--	--	--	--	--			
	04/16/02	6.24	136.57	--	--	--	--	--	--			
	05/14/02	8.35	134.46	<0.50	<0.50	<0.50	<0.50	<50	1.3			ND
	06/11/02	9.79	133.02	--	--	--	--	--	--			
	07/16/02	11.82	130.99	--	--	--	--	--	--			
	08/13/02	12.65	130.16	<0.50	<0.50	<0.50	<0.50	<50	1.1			
	12/02/02	12.51	130.30	<0.50	<0.50	<0.50	<0.50	<50	0.88	<0.50		
	03/05/03	5.54	137.27	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	06/12/03	6.84	135.97	<0.50	<0.50	<0.50	<0.50	<50	<50	<50		
	09/16/03	11.19	131.62	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/16/03	8.60	134.21	<0.50	<0.50	<0.50	<0.50	<50	0.73	<0.50		ND
	03/15/04	4.83	137.98	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/16/04	9.05	133.76	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/13/04	12.26	130.55	<0.50	<0.50	<0.50	<0.50	<50	0.87	<0.50		ND
	12/13/04	9.01	133.80	<0.50	<0.50	<0.50	<0.50	<50	0.62	<0.50		ND
	03/01/05	5.24	137.57	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/08/05	5.76	137.05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/08/05	10.36	132.45	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/15/05	8.58	134.23	<0.50	<0.50	<0.50	<0.50	<50	0.58	<0.50		ND
	03/06/06	4.51	138.30	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	06/07/06	6.33	136.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.22	134.59	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.19	133.62	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
MW-1	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	05/05/09	6.54	136.27	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
142.81	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5'-20')	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
4"	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	5.58	137.23	<0.50	<0.50	<0.50	<0.50	<50	<0.50	ND	ND	62[c]
	08/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/03/11	5.72	137.09	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/21/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/15/12	6.34	136.47	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/31/13	9.62	133.19	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 72
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/11/14	5.68	137.13	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 72
	08/06/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/03/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/17/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	8.70	134.11	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	NA	TPHd: <50/<53.3[**]
	8/10/15 - 8/12/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/15 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16- 2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	7.83	134.98	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: 59.3
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Pending Site Closure
	03/30/17						Well Destroyed					

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
MW-2	12/19/00	10.89	128.82	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
139.71	03/22/01	5.58	134.13	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
(4.5'-19.5')	06/26/01	10.26	129.45	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
4"	09/11/01	13.11	126.60	--	--	--	--	--	--			
	10/16/01	14.26	125.45	--	--	--	--	--	--			
	11/13/01	10.20	129.51	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
142.19	12/07/01	--	--	--	--	--	--	--	--			
	12/11/01	4.58	137.61	--	--	--	--	--	--			
	01/15/02	3.53	138.66	--	--	--	--	--	--			
	02/12/02	5.32	136.87	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
	03/12/02	5.23	136.96	--	--	--	--	--	--			
	04/16/02	6.30	135.89	--	--	--	--	--	--			
	05/14/02	8.42	133.77	<0.50	<0.50	<0.50	<0.50	<50	<0.50			ND
	06/11/02	9.74	132.45	--	--	--	--	--	--			
	07/16/02	11.79	130.40	--	--	--	--	--	--			
	08/13/02	13.18	129.01	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
	12/02/02	12.65	129.54	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	03/05/03	5.35	136.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	06/12/03	6.65	135.54	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	09/16/03	11.19	131.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/16/03	8.20	133.99	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/15/04	4.99	137.20	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/16/04	8.80	133.39	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/13/04	12.38	129.81	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/13/04	8.71	133.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/01/05	5.05	137.14	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/08/05	5.57	136.62	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/08/05	10.13	132.06	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/15/05	8.19	134.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/06/06	4.35	137.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	06/07/06	6.17	136.02	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.92	134.27	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.84	133.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
MW-2	05/05/09	6.22	135.97	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
(continued)	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
142.19	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(4.5'-19.5')	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
4"	05/05/10	5.34	136.85	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	140[c]
	08/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/03/11	5.45	136.74	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/21/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/15/12	6.63	135.56	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd = 58 ppb
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/19/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/31/13	9.34	132.85	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd = 81 ppb
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/12/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/11/14	5.57	136.62	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd:<50
	08/06/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/03/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/17/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	8.39	133.80	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	NA	TPHd: <50/<53.3[**]
	8/10/15 - 8/12/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/15 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16- 2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	7.35	134.84	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: 51.3
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Pending Site Closure
	03/30/17						Well Destroyed					

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**1,2-DBA (µg/L)**	**Comments**
MW-3	12/19/00	10.65	128.89	3.7	4.3	0.7	2.8	200	<0.5			
139.54	03/22/01	5.72	133.82	0.7	6.3	40	27	1,600	<0.5			
	06/26/01	10.11	129.43	<0.5	<0.5	<0.5	<0.5	260	<0.5			
	09/11/01	13.04	126.50	--	--	--	--	--	--			
	10/16/01	13.98	125.56	--	--	--	--	--	--			
	11/13/01	10.36	129.18	<0.50	<0.50	56	46	1,800	0.55			
142.03	12/07/01	--	--	--	--	--	--	--	--			
	12/11/01	4.47	137.56	--	--	--	--	--	--			
	01/15/02	3.37	138.66	--	--	--	--	--	--			
	02/12/02	5.16	136.87	<0.50	0.73	44	22	4,000	0.51			
	03/12/02	5.07	136.96	--	--	--	--	--	--			
	04/16/02	6.33	135.70	--	--	--	--	--	--			
	05/14/02	8.19	133.84	<0.50	<0.50	3.3	1.7	530	<0.50			ND
	06/11/02	9.69	132.34	--	--	--	--	--	--			
	07/16/02	11.76	130.27	--	--	--	--	--	--			
	08/13/02	12.88	129.15	<0.50	<0.50	<0.50	<0.50	210	<0.50			
	12/02/02	12.35	129.68	<0.50	0.54	24	8.0	1,800	<0.50	<0.50		
	03/05/03	5.19	136.84	<0.50	<0.50	5.7	1.4	1,200	<0.50	<0.50		
	06/12/03	7.49	134.54	<0.50	<0.50	6.9	1.2	1,400	<0.50	<0.50		
	09/16/03	--	--	--	--	--	--	--	--	--		
	12/16/03	--	--	--	--	--	--	--	--	--		
	03/15/04	--	--	--	--	--	--	--	--	--		
	06/16/04						Well Destroyed					

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**1,2-DBA (µg/L)**	**Comments**
MW-3A	02/21/12	8.00	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
142.36	05/15/12	6.62	135.74	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
	08/27/12	12.71	129.65	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
	11/19/12	11.50	130.86	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd = 67
	02/05/13	5.86	136.50	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
	05/31/13	9.49	132.87	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd: 52
	08/20/13	11.08	131.28	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd: 60
	11/12/13	12.80	129.56	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd: 100
	02/05/14	12.73	129.63	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	04/11/14	5.73	136.63	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	08/06/14	11.07	131.29	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 52
	12/03/14	12.22	130.14	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	02/17/15	6.08	136.28	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50, 88[c], 5.8[d]
	4/20/15 - 4/22/15	8.53	133.83	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	NA	TPHd: <50/<53.3[**]
	8/10/15 - 8/12/15	11.74	130.62	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	12/1/15 - 12/3/15	12.93	129.43	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	NA	TPHd:<49.9, 56.2[c], 13[d]
	2/1/16- 2/3/16	5.72	136.64	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	NA	TPHd: <50.2, 6.4[d]
	6/13/16 - 6/15/16	7.65	134.71	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <50.0
	8/8/16 - 8/10/16	9.77	132.59	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <98.3
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Pending Site Closure
	03/30/17						Well Destroyed					

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
MW-3B	02/21/12	9.12	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd=100
142.44	05/15/12	8.41	134.03	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd = 65 ppb
	08/27/12	11.16	131.28	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
	11/19/12	10.74	131.70	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
	02/05/13	7.32	135.12	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
	05/31/13	10.73	131.71	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
	08/20/13	12.59	129.85	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
	11/12/13	14.00	128.44	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
	02/05/14	13.65	128.79	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 120
	04/11/14	6.50	135.94	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	08/06/14	12.70	129.74	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	12/03/14	11.52	130.92	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	02/17/15	6.96	135.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 53, 180[c], 5.5[d]
	4/20/15 - 4/22/15	9.77	132.67	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	NA	TPHd: <50/<53.3[**]
	8/10/15 - 8/12/15	13.93	128.51	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	12/1/15 - 12/3/15	15.02	127.42	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	NA	TPHd: <49.2, 53.6[c]
	2/1/16- 2/3/16	6.57	135.87	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	NA	TPHd: <49.7
	6/13/16 - 6/15/16	9.86	132.58	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <50.0
	8/8/16 - 8/10/16	11.43	131.01	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <98.1
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Pending Site Closure
	03/30/17						Well Destroyed					

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
DTSC-4	12/19/00	10.95	128.74	3.3	2.5	1.3	1.7	520	<0.5			
139.69	03/22/01	5.99	133.70	1.4	4.3	19	2.8	590	9.4			
	06/26/01	10.38	129.31	6.1	<0.5	3.9	2.6	890	<0.5			
	09/11/01	Well Abandoned										
DTSC-4A	10/16/01	14.45	--	--	--	--	--	--	--			
141.86	11/13/01	10.46	--	<0.50	0.93	<0.50	2.9	4,000	<0.50			
(5'-20')	12/07/01	--	--	--	--	--	--	--	--			
2"	12/11/01	4.48	137.38	--	--	--	--	--	--			
	01/15/02	3.03	138.83	--	--	--	--	--	--			
	02/12/02	5.14	136.72	<0.50	1.4	28	4.4	5,800	<0.50			
	03/12/02	5.21	136.65	--	--	--	--	--	--			
	04/16/02	6.15	135.71	--	--	--	--	--	--			
	05/14/02	8.60	133.26	0.53	1.3	21	4.6	2,800	<0.50			ND
	06/11/02	10.15	131.71	--	--	--	--	--	--			
	07/16/02	12.15	129.71	--	--	--	--	--	--			
	08/13/02	13.65	128.21	<0.50	<0.50	1.8	0.7	1,300	<0.50			
	12/02/02	12.61	129.25	0.70	1.3	16	4.1	4,500	<0.50	<0.50		
	03/05/03	5.12	136.74	0.78	1.9	31	5.8	4,200	<0.50	<0.50		
	06/12/03	6.60	135.26	<0.50	0.69	7.2	1.5	2,000	<0.50	<0.50		
	09/16/03	11.26	130.60	0.67	1.5	35	10	4,200	<0.50	<0.50		ND
	12/16/03	8.05	133.81	<1.0	1.5	2.1	6	3,100	<1.0	<1.0		ND
	03/15/04	4.83	137.03	0.8	1.0	3.5	1.80	3,000	<0.50	<0.50		ND
	06/16/04	8.95	132.91	0.59	1.2	6.9	2.9	2,600	<0.50	<0.50		ND
	09/13/04	12.56	129.30	<0.50	1.2	3.2	3.5	3,900	<0.50	<0.50		ND
	12/13/04	8.55	133.31	0.61	1.1	1.8	3.1	2,900	<0.50	<0.50		ND
	03/01/05	4.97	136.89	<0.50	<0.50	<0.50	<0.50	1,300	<0.50	<0.50		ND
	06/08/05	5.35	136.51	<0.50	<0.50	0.82	<0.50	800	<0.50	<0.50		ND
	09/08/05	10.23	131.63	0.58	0.89	3.7	0.70	1,400	<0.50	<0.50		ND
	12/15/05	8.13	133.73	<0.50	0.53	0.88	<0.50	1,800	<0.50	<0.50		ND
	03/06/06	4.30	137.56	<0.50	<0.50	<0.50	<0.50	270	<0.50	<0.50	<0.50	ND
	06/07/06	6.01	135.85	<0.50	<0.50	<0.50	<0.50	170	<0.50	<0.50	<0.50	ND
	09/28/06	11.33	130.53	2.6	0.84	1.8	2.2	790	<0.50	<0.50	<0.50	
	12/15/06	8.37	133.49	<0.50	0.79	1.1	0.65	1,600	<0.50	<0.50	<0.50	
	12/28/06	NM	NC	<0.50	0.85	1.7	0.93	1,500	<0.50	NA	NA	
	03/22/07	5.84	136.02	<0.50	<0.50	<0.50	<0.50	120	<0.50	<0.50	<0.50	
	06/04/07	7.95	133.91	<0.50	0.58	1.4	<0.50	1,200	<0.50	<0.50	<0.50	ND
	09/07/07	11.72	130.14	<0.50	0.64	1.7	0.74	1,800	<0.50	<0.50	<0.50	0.98[a], 0.74[b]
	12/11/07	9.70	132.16	0.50	0.97	1.9	0.84	1,900	<0.50	<0.50	<0.50	ND
	02/13/08	4.69	137.17	<0.50	<0.50	<0.50	<0.50	320	<0.50	<0.50	<0.50	ND
	05/27/08	8.79	133.07	<0.50	<0.50	<0.50	<0.50	790	<0.50	<0.50	<0.50	ND

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
DTSC-4A	09/10/08	11.73	130.13	0.51	0.66	1.7	0.57	1,400	<0.50	NA	NA	ND
(continued)	11/04/08	10.35	131.51	<0.5	0.87	0.94	<0.50	1,300	<0.50	NA	NA	
141.86	02/16/09	6.86	135.0	<0.50	<0.50	<0.50	<0.50	680	<0.50	NA	NA	ND
(5'-20')	05/05/09	6.18	135.68	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
2"	08/10/09	10.83	131.03	<0.50	<0.50	<0.50	<0.50	820	<0.50	NA	NA	ND
	11/23/09	11.03	130.83	<0.50	0.74	1.6	<0.50	1,600	<0.50	NA	NA	ND
	02/09/10	4.81	137.05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
	05/05/10	5.14	136.72	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	88[c]
	08/16/10	9.79	132.07	<0.50	<0.50	<0.50	<0.50	580	<0.50	NA	NA	ND
	11/15/10	8.15	133.71	<0.50	<0.50	<0.50	<0.50	600	<0.50	NA	NA	ND
	02/01/11	5.54	136.32	<0.50	<0.50	<0.50	<0.50	120	<0.50	NA	NA	ND
	05/03/11	5.23	136.63	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
	08/11/11	9.31	132.55	<0.50	<0.50	<0.50	<0.50	380	<0.50	NA	NA	ND
	11/15/11	11.02	130.84	<0.50	<0.50	<0.50	<0.50	500	<0.50	NA	NA	TPHd <300
	02/21/12	7.70	134.16	<0.50	<0.50	<0.50	<0.50	160	<0.50	NA	NA	TPHd <300
	05/15/12	5.90	135.96	<0.50	<0.50	<0.50	<0.50	160	<0.50	NA	NA	TPHd = 54 ppb
	08/27/12	11.23	130.63	<0.50	<0.50	<0.50	<0.50	460	<0.50	NA	NA	TPHd: <400
	11/19/12	10.77	131.09	<0.50	<0.50	<0.50	<0.50	1,100	<0.50	NA	NA	TPHd: <500
	02/05/13	5.49	136.37	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
	05/31/13	9.25	132.61	<0.50	<0.50	<0.50	<0.50	390	<0.50	NA	NA	TPHd: 240
	08/20/13	11.02	130.84	<0.50	<0.50	<0.50	<0.50	1,000	<0.50	NA	NA	TPHd: 510
	11/12/13	12.79	129.07	<0.50	<0.50	<0.50	<0.50	550	<0.50	NA	NA	TPHd: 270
	02/05/14	12.73	129.13	<0.50	<0.50	<0.50	<0.50	730	<0.50	NA	NA	TPHd: 300
	04/11/14	5.40	136.46	<0.50	<0.50	<0.50	<0.50	390	<0.50	NA	NA	TPHd: 210
	08/06/14	11.09	130.77	<0.50	<0.50	<0.50	<0.50	1,100	<0.50	NA	NA	TPHd: 320

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
DTSC-4A	12/03/14	11.54	130.32	<0.50	<0.50	<0.50	<0.50	990	<0.50	NA	NA	TPHd: 580
(continued)	02/17/15	5.74	136.12	<0.50	<0.50	<0.50	<0.50	600	<0.50	NA	NA	TPHd: 210, 350[c]
141.86	4/20/15 - 4/22/15	8.32	133.54	<0.5	<0.5	<0.5	<1.0	1,330	<0.5	NA	NA	TPHd: 562/160**
(5'-20')	8/10/15 - 8/12/15	11.02	130.84	<0.50	<0.50	<0.50	<0.50	1,300	<0.50	NA	NA	TPHd: 593
2"	12/1/15 - 12/3/15	12.70	129.16	<0.50	<0.50	<0.50	<1.0	843	<0.50	NA	NA	TPHd: 329, 65.3[c]. 12.5[d]
	2/1/16- 2/3/16	5.34	136.52	<0.50	<0.50	<0.50	<1.0	418	<0.50	NA	NA	TPHd: 164
	6/13/16 - 6/15/16	7.22	134.64	<0.50	<0.50	<0.50	<1.5	<50	618	NA	NA	TPHd: 273
	8/8/16 - 8/10/16	9.36	132.50	<0.50	<0.50	<0.50	<1.5	1,130	<0.5	NA	NA	TPHd: 483
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Pending Site Closure
	03/30/17						Well Destroyed					

Explanations:

TPHg = Total petroleum hydrocarbons as gasoline
MTBE = Methyl tertiary butyl ether
1,2-DCA = Dichloroethane
1,2-DBA = 1,2-Dibromoethane
µg/L = Micrograms per liter
TBA = Tert-butanol
TAME = Tert-amyl methyl ether
DIPE = Diisopropyl ether
ETBE = Ethyl-t-butyl ether

(5'-25') = Depths of screen interval
4" = Well casing diameter
UK = Unknown
-- = Not sampled/analyzed
ND = non detect for DIPE, ETBE, TAME (<0.50 standard), and TBA (<5.0 standard)
* = Feet relative to mean sea level
**= TPHd Silica Gel Cleanup
# = Feet below top of riser
NA = Not Analyzed

Notes:

Original casing elevation is displayed below well name.
Later surveyed elevations are displayed next to the date they were taken.
a = Chloromethane
b = Chloroethane
c = Methanol
d =Ethanol

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-1	12/19/00	--	--	--	--	--	--	--	--		--	
141.52	12/07/01	--	--	--	--	--	--	--	--		--	
(5'-25')	12/02/02	--	--	--	--	--	--	--	--		--	Pump in Well
4"	03/05/03	3.10	138.42	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	06/12/03	9.96	131.56	20	17	9	65	440	6.9	<0.50	--	Pump in Well
	09/16/03	11.10	130.42	<0.50	<0.50	<0.50	1.7	<50	0.65	--	<5.0m	
	12/16/03	4.80	136.72	<0.50	<0.50	<0.50	<0.50	<50	0.58	--	--	
	03/15/04	4.90	136.62	<0.50	<0.50	<0.50	<0.50	<50	0.75	--	--	
	06/16/04	7.40	134.12	<0.50	<0.50	<0.50	0.82	<50	<0.50	--	--	
	09/13/04	10.60	130.92	8.6	2.8	3.7	26	200	1.5	--	--	ND
	12/13/04	9.60	131.92	58	25	21	280	1,600	6.2	--	--	ND
	03/01/05	3.20	138.32	<0.50	<0.50	<0.50	<0.50	<50	0.84	--	--	ND
	06/08/05	4.10	137.42	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	ND
	09/08/05	11.91	129.61	690	270	400	2,000	18,000	23	--	--	ND
	12/15/05	5.45	136.07	5.2	1.7	4.8	24	190	<0.50	--	--	ND
	03/07/06	2.50	139.02	<0.50	<0.50	<0.50	<0.50	<50	0.67	--	--	ND
	06/07/06	5.35	136.17	3.4	0.92	4.6	23	240	<0.50	--	--	ND
	09/28/06	12.09	129.43	260	7.1	20	87	2,000	16	<0.50	4.8[c], 1.2[b], 13[d], 2.5[e]	
	12/15/06	6.04	135.48	300	220	490	2,200	12,000	12	<5.0	6.9[d]	
	12/28/06	NM	NC	220	180	390	1,700	10,000	6.1	NA	NA	
	03/22/07	6.25	135.27	430	200	370	1,500	7,200	11	<2.0	12[m]	
	06/04/07	8.19	133.33	140	24	84	260	2,100	3.7	<0.50	0.78[b], 0.99[c]	
	09/07/07	12.39	129.13	130	4.4	9.1	51	1,300	16	<0.50	1.1[d]	
	12/11/07	11.05	130.47	340	56	91	370	4,500	10	<0.50	1.2[b], 1.6[c], 2.5[d]	TBA: 13
	02/13/08	4.85	136.67	140	47	360	1,000	8,100	2.7	<2.0	ND	
	05/27/08	10.84	130.68	350	86	390	620	7,300	7.5	<0.50	NA	TBA: 12
	09/10/08	12.44	129.08	28	0.82	10	4.5	240	2.1	NA	ND	
	11/04/08	9.37	132.15	140	38	110	330	3,100	10	NA	NA	TBA:12
	02/16/09	9.43	132.09	10	1.3	12	16	210	<0.50	NA	NA	
	05/05/09	6.64	134.88	2.8	<0.50	2.1	2.0	120	<0.50	NA	NA	
	08/10/09	12.09	129.43	17	2.2	11	25	260	0.54	NA	NA	
	11/23/09	11.66	129.86	15	1.6	14	17	240	<0.50	NA	NA	
	02/09/10	5.61	135.91	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	05/05/10	7.88	133.64	1.8	<0.50	1.2	1.2	160	<0.50	<0.50	NA	
	08/16/10	11.19	130.33	19	0.87	13	21	300	<0.50	NA	NA	
	11/15/10	9.57	131.95	12	1.1	14	17	230	<0.50	NA	NA	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-1	02/01/11	5.77	135.75	10	0.68	9.8	13	220	<0.50	NA	NA	
(continued)	05/03/11	6.03	135.49	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
141.52	08/10/11	10.49	131.03	92	3.6	70	86	1,500	0.72	NA	NA	TPHd:<100
	11/15/11	10.49	131.03	15	1.6	5.7	8.6	190	1.9	NA	NA	DIPE: 0.65, TBA: 5.1,
(5'-25')												TPHd: 150
4"	02/21/12	8.03	133.49	0.91	<0.50	<0.50	0.64	<50	<0.5	NA	NA	TPHd:<50
142.25	05/15/12	7.18	135.07	38	4.0	61	92	1,200	1.1	NA	NA	TPHd:<400
	08/28/12	12.02	130.23	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd:<50
	11/20/12	8.95	133.30	48	2.7	9.1	45	910	0.84	NA	NA	TPHd:<200
	02/05/13	6.62	135.63	29	2.6	54	91	1,300	<0.5	NA	NA	TPHd:<50
	05/29/13	8.72	133.53	17	0.65	9.7	5.4	370	<0.5	NA	NA	TPHd: 120
	08/20/13	11.06	131.19	120	2.1	27	20	1,100	2.6	NA	NA	TPHd: 270
	11/14/13	12.52	129.73	33	1.4	12	23	790	1.6	NA	NA	TPHd: 310
	02/06/14	9.97	132.28	590	42	1,200	2,300	51,000	9.5	NA	NA	TBA: 8.1, TPHd: 17,000
	04/09/14	5.93	136.32	120	13	470	860	12,000	1.6	NA	NA	TPHd: 9,700
	08/05/14	11.35	130.90	15	0.59	5.0	6.2	230	<0.50	NA	NA	TPHd: 110
	12/03/14	9.41	132.84	330	29	670	1,200	18,000	<4.0	NA	NA	TPHd: 3,500
	02/16/15	6.20	136.05	40	3.4	62	110	3,200	0.84	NA	NA	TBA: 11, TPHd: 1,000
	4/20/15-4/22/15	8.51	133.74	92.1	6.0	66.8	119	3,500	<0.50	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	11.14	131.11	14.2	<0.50	6.4	4.7	119	1.3	NA	NA	TPHd: 226
	12/1/15 - 12/3/15	13.28	128.97	4.3	<0.50	2.5	1.4	96.8	<0.50	NA	NA	TPHd: 71.6
	2/1/16 - 2/3/16	5.70	136.55	5.1	<0.50	4.6	3.0	382	<0.50	NA	NA	TPHd: 135
	6/13/16 - 6/15/16	8.37	133.88	66.4	3.0	56.5	58.6	2,310	<0.50	NA	NA	TPHd: 449
	8/8/16 - 8/10/16	9.83	132.42	13.9	<0.50	7.4	6.1	247	<0.50	NA	NA	TPHd: <96.6
	11/29/16 - 12/01/16	7.60	134.65	54	4.9	156	206	4,700	<0.50	NA	NA	TPHd: 1,840
	2/7/17-2/9/17	3.53	138.72	<0.50	<0.50	<0.50	<1.5	<50	<0.50	<0.50	ND	TPHd: 214
	6/19/17 - 6/21/17	7.86	134.39	67.4	1.9	34	24.3	1,600	<0.5	NA	NA	TPHd: 339
	9/5/17 - 9/7/17	11.30	130.95	23.5	<0.50	4.8	2.2	298	<0.50	NA	NA	TPHd: 195
	12/18/17 - 12/20/17	10.12	132.13	158	6.1	108	51.1	2,900	<0.5	NA	NA	TPHd:<50.0
	02/07/18 - 02/09/18	7.73	134.52	106	6.5	122	99	4,100	2.7	NA	NA	TPHd: 572
	05/07/18 - 05/09/18	**5.97**	**136.28**	**6.9**	**<0.5**	**4.6**	**3.0**	**725**	**<0.5**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-2	12/19/00	9.57	130.14	110	11	470	110	7,400	<5.0		12[a], 12[b], 20[c]	
139.71	03/22/01	6.05	133.66	6.8	0.9	51	9.2	1,300	11		ND	
(5'-25')	09/11/01	12.55	127.16	--	--	--	--	--	--		--	
4"	10/16/01	13.51	126.20	--	--	--	--	--	--		--	
	11/13/01	9.90	129.81	600	540	820	560	17,000	5.0		2.2[c]	
142.27	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	4.33	137.94	--	--	--	--	--	--		--	
	01/15/02	3.36	138.91	--	--	--	--	--	--		--	
	02/12/02	5.68	136.59	8.6	12	21	19	750	<0.50		ND	
	03/12/02	5.47	136.80	--	--	--	--	--	--		--	
	04/16/02	6.33	135.94	--	--	--	--	--	--		--	
	05/14/02	7.35	134.92	63	39	310	230	7,600	<0.50		ND	
	06/11/02	8.79	133.48	--	--	--	--	--	--		--	
	07/16/02	9.44	132.83	--	--	--	--	--	--		--	
	08/13/02	12.05	130.22	87	15	37	18	4,100	0.62		--	
	12/02/02	11.60	130.67	36	9.3	140	83	1,400	<1.0	<1.0	--	
	03/05/03	5.66	136.61	6.9	2.9	68	25	1,800	<0.50	<0.50	--	
	06/12/03	6.52	135.75	10	6.2	270	68	5,700	<0.50	<0.50	--	
	09/16/03	10.41	131.86	6.3	2.6	51	26	2,700	<0.50	--	<5.0[m]	
	12/16/03	7.63	134.64	10	4.5	100	64	3,500	<1.0	--	--	
	03/15/04	5.69	136.58	2.7	0.98	22	7.0	1,500	<.50	--	--	
	06/16/04	8.02	134.25	5.6	3.7	72	51	5,300	<0.50	--	--	
	09/13/04	11.61	130.66	17	3.6	21	20	4,300	<0.50	--	--	ND
	12/13/04	7.75	134.52	4.5	1.5	4.9	14	1,600	<0.50	--	--	ND
	03/01/05	5.39	136.88	0.68	<0.50	<0.50	<0.50	130	<0.50	--	--	ND
	06/08/05	6.11	136.16	0.82	<0.50	3.6	1.5	420	<0.50	--	--	ND
	09/08/05	9.10	133.17	4.0	1.7	33	15	3,400	<0.50	--	--	ND
	12/15/05	7.55	134.72	3.7	1.5	28	18	3,400	<0.50	--	--	ND
	03/07/06	4.65	137.62	<0.50	<0.50	<0.50	<0.50	50	<0.50	--	--	ND
	06/07/06	6.40	135.87	0.8	<0.50	2.7	1.3	500	<0.50	--	--	ND
	09/28/06	10.30	131.97	2.9	1.2	15	9.2	3,300	<0.5	<0.5	2.4[c]	
	12/15/06	7.68	134.59	0.71	<0.5	5.8	1.9	840	<0.5	<0.5	2.9[b] 1.8[c],	
	12/28/06	NM	NC	<0.50	<0.50	1.7	1.4	260	<0.50	NA	NA	
	03/22/07	6.29	135.98	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.5	ND	
	06/04/07	7.74	134.53	0.52	<0.50	3.7	1.5	640	<0.50	<0.5	ND	
	09/07/07	10.97	131.30	4.3	1.2	9.3	5.8	3,000	<0.50	<0.5	1.2[c]	
	12/11/07	8.65	133.62	1.7	1.2	10	3.1	1,900	<0.50	<0.5	9.2[b], 2.2[c]	
	02/13/08	5.44	136.83	<0.5	<0.5	<0.5	<0.5	<50	<0.50	<0.5	ND	
	05/27/08	8.09	134.18	0.58	<0.50	6.0	1.7	940	<0.50	<0.5	NA	
	09/10/08	11.67	130.60	2.0	0.71	2.8	1.2	1,200	<0.50	NA	ND	
	11/04/08	10.48	131.79	1.0	<0.5	1.4	0.71	540	<0.50	NA	NA	
	02/16/09	6.87	135.40	<0.50	<0.50	<0.50	<0.50	140	<0.50	NA	NA	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-2	05/05/09	6.10	136.17	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	61[m], 5.1[o]	
(continued)	08/10/09	10.13	132.14	<0.50	<0.50	5.9	0.92	1,100	<0.50	NA	NA	
142.27	11/23/09	10.65	131.62	1.1	<0.50	0.70	<0.50	510	<0.50	NA	NA	
(5'-25')	02/09/10	4.29	137.98	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
4"	05/05/10	6.03	136.24	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.5	NA	
142.39	08/16/10	8.82	133.45	<0.50	<0.50	1.7	<0.50	440	<0.50	NA	NA	
	11/15/10	7.62	134.65	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.5	NA	
	02/01/11	6.13	136.14	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	05/03/11	6.03	136.24	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 160
	08/10/11	8.49	133.78	<0.50	<0.50	1.4	<0.50	780	<0.50	NA	NA	TPHd: <300
	11/15/11	10.33	131.94	<0.50	<0.50	<0.50	<0.50	310	<0.50	NA	NA	TPHd: <300
	02/21/12	7.47	134.80	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 150
	05/15/12	6.88	135.51	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 130
	08/28/12	10.91	131.48	<0.5	<0.5	<0.5	<0.5	82	<0.5	NA	NA	TPHd: <50
	11/20/12	10.29	132.10	0.87	0.66	0.99	<0.5	770	<0.5	NA	NA	TPHd<800
	02/05/13	6.21	136.18	<0.5	<0.5	<0.5	<0.5	79	<0.5	NA	NA	TPHd: 390
	05/29/13	8.44	133.95	<0.5	<0.5	<0.5	<0.5	57	<0.5	NA	NA	TPHd: 82
	08/20/13	10.69	131.70	<0.5	<0.5	0.91	<0.5	900	<0.5	NA	NA	TPHd: 460
	11/14/13	12.40	129.99	<0.5	<0.5	<0.5	<0.5	52	<0.5	NA	NA	TPHd: 120
	02/06/14	12.46	129.93	0.62	0.75	0.79	<0.50	380	<0.50	NA	NA	TBA: 14, TPHd: 700
	04/09/14	6.11	136.28	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: 1,400
	08/05/14	10.52	131.87	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: 520
	12/03/14	11.58	130.81	<0.5	<0.5	<0.5	<0.5	530	<0.50	NA	NA	TBA: 22, TPHd: 1,500
	02/16/15	6.08	136.31	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: 100
	4/20/15 - 4/22/15	7.77	134.62	<0.5	<0.5	<0.5	<1.0	<50	<0.50	NA	NA	TPHd: <50/<53.3[**]
	8/10/15 - 8/12/15	11.62	130.77	<0.50	<0.50	<0.50	<0.50	241	<0.50	NA	62.6[n]	, TPHd: 197
	12/1/15 - 12/3/15	12.94	129.45	<0.5	<0.5	<0.5	<1.0	<50	<0.50	NA	NA	TPHd: 68.6
	2/1/16 - 2/3/16	4.90	137.49	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	NA	TPHd: 2,130
	6/13/16 - 6/15/16	7.47	134.92	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: 145
	8/8/16 - 8/10/16	9.70	132.69	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <98.0
	11/29/16 - 12/01/16	6.96	135.43	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: 167
	2/7/17- 2/9/17	4.02	138.37	<0.50	<0.50	<0.50	<1.5	<50	<0.50	<0.50	ND	TPHd: 197
	6/19/17 - 6/21/17	7.12	135.27	<0.5	<0.5	<0.5	<1.0	<50.0	<0.5	NA	NA	TPHd: <50.0
	9/5/17 - 9/7/17	9.87	132.52	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	ND	TPHd: <100
	12/18/17 - 12/20/17	9.08	133.31	<0.5	<0.5	<0.5	<1.0	<50.0	<0.5	NA	NA	TPHd:< 50.0
	02/07/18 - 02/09/18	7.07	135.32	<0.5	<0.5	0.9	<1.0	<50.0	<0.5	NA	NA	TPHd:< 50.0
	05/07/18 - 05/09/18	**6.15**	**136.24**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50.0**	**<0.5**	**NA**	**NA**	**TPHd:< 50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-3	12/19/00	9.67	130.54	220	31	420	50	12,000	<5.0		ND	
											1.1[c], 1.8[g], 1.2[n],	
140.21	03/22/01	6.30	133.91	120	19	830	220	10,000	53		2.9[i]	
(7'-22')	06/26/01	9.68	130.53	140	20	530	69	11,000	<2.5		0.6[c]	
4"	09/11/01	12.25	127.96	--	--	--	--	--	--		--	
	10/16/01	13.14	127.07	--	--	--	--	--	--		--	
	11/13/01	9.11	131.10	1,100	490	1,500	2,100	25,000	13		--	
142.82	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	4.01	138.81	--	--	--	--	--	--		--	
	01/15/02	3.13	139.69	--	--	--	--	--	--		--	
	02/12/02	5.66	137.16	330	110	1,400	1,200	43,000	<5.0		ND	
	03/12/02	5.91	136.91	--	--	--	--	--	--		--	
	04/16/02	6.42	136.40	--	--	--	--	--	--		--	
	05/14/02	7.74	135.08	240	70	1,300	640	15,000	<5.0		ND	
	06/11/02	8.29	134.53	--	--	--	--	--	--		--	
	07/16/02	10.21	132.61	--	--	--	--	--	--		--	
	08/13/02	11.62	131.20	150	25	610	170	8,400	2.6		--	
	12/02/02	11.50	131.32	66	12	250	120	11,000	<2.5	<2.5	--	
	03/05/03	5.60	137.22	91	26	380	430	12,000	<2.5	<2.5	--	
	06/12/03	6.78	136.04	95	26	570	530	15,000	<2.5	<2.5	--	
	09/16/03	10.24	132.58	94	8.3	98	86	8,300	<2.0		20[m]	
	12/16/03	7.63	135.19	140	36	490	580	18,000	<2.5	--	--	
	03/15/04	5.41	137.41	100	44	660	770	17,000	<5.0	--	--	
	06/16/04	8.20	134.62	80	18	240	310	12,000	<2.5	--	--	
	09/13/04	11.16	131.66	99	15	30	54	6,400	<1.5	--	--	ND
	12/13/04	--	--	--	--	--	--	--	--	--	--	Well Inaccessable
	03/01/05	5.27	137.55	100	30	250	370	15,000	<1.5	--	--	ND
	06/08/05	5.83	136.99	79	26	220	310	14,000	<2.0	--	--	ND
	09/08/05	9.20	133.62	77	17	110	150	9,600	<1.5	--	--	ND
	12/15/05	7.65	135.17	86	16	97	140	14,000	<1.5	--	--	ND
	03/07/06	4.97	137.85	76	18	150	160	16,000	<2.5	--	--	ND (<2.5,<15)
	06/07/06	6.35	136.47	63	17	100	130	11,000	<1.5	--	--	ND (<1.5,<7)
	09/28/06	10.11	132.71	60	12	74	56	8,900	<1.5	<1.5	ND	
	12/15/06	7.31	135.51	75	18	98	78	8,800	<1.0	<1.0	ND	
	12/28/06	NM	NC	71	21	200	360	8,800	<1.0	NA	NA	
	03/22/07	6.15	136.67	71	13	47	38	5,600	<1.0	<1.0	ND	
	06/04/07	7.62	135.20	79	18	140	83	8,600	<1.0	<1.0	ND	
	09/07/07	10.42	132.40	61	9.9	67	25	6,000	<1.0	<1.0	ND	
	12/11/07	8.70	134.12	71	14	140	59	9,900	<1.0	<1.0	ND	
	02/13/08	5.18	137.64	71	14	120	51	9,400	<1.0	<1.0	ND	
	05/27/08	8.26	134.56	62	11	120	36	8,300	<1.0	<1.0	NA	
	09/10/08	11.16	131.66	72	11	80	23	7,400	<1.0	NA	ND	
	11/04/08	9.86	132.96	81	12	96	23	8,400	<1.5	NA	NA	
	02/16/09	6.71	136.11	38	6.8	30	15	5,300	<0.90	NA	NA	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-3	05/05/09	6.03	136.79	48	7.3	46	9.8	5,900	<0.90	NA	NA	
(continued)	08/10/09	9.88	132.94	43	6.5	48	8.7	8,500	<0.90	NA	NA	
142.82	11/23/09	10.03	132.79	72	9.1	86	18	7,000	<1.5	NA	NA	
(7'-22')	02/09/10	5.31	137.51	41	6.5	56	12	7,400	<1.5	NA	NA	
	05/05/10	5.94	136.88	27	5.7	45	9.2	5,500	<0.9	<0.9	NA	
	08/16/10	8.91	133.91	22	4.7	38	7.1	7,200	<0.9	NA	NA	
	11/15/10	7.69	135.13	29	5.4	40	8.7	5,500	<0.9	NA	NA	
	02/01/11	5.59	137.23	25	5.6	71	14	8,100	<0.9	NA	NA	
	05/03/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	08/10/11	8.64	134.18	8.8	3.5	55	9.2	7,500	<0.9	<0.9	41[p], 110[q], 12[r], 23[s], 210[t]	TPHd: <2,000
	11/15/11	10.09	132.73	7.2	2.6	27	5.9	5,200	<0.90	<0.90	35[p], 100[q], 11[r], 21[s], 140[j], 0.91[w]	TPHd: <3,000
	02/21/12	8.01	134.81	10	2.8	26	9.6	5,400	<0.90	<0.90	NA	TPHd: <1,500
142.92	05/15/12	6.31	136.61	13	3.7	53	12	8,000	<0.90	NA	NA	TPHd:<4,000
	08/28/12	10.81	132.11	19	4.9	59	15	9,200	<2.0	NA	NA	TPHd:<4,000
	11/20/12	9.81	133.11	15	3.6	38	15	9,500	<2.0	NA	NA	TPHd:<5,000
	02/05/13	6.40	136.52	18	4.6	58	24	13,000	<0.90	NA	NA	TPHd:<6,000
	05/29/13	7.79	135.13	16	3.8	47	16	8,000	<1.5	NA	NA	TPHd: 3,800
	08/20/13	10.56	132.36	12	3.7	31	13	7,600	<1.5	NA	NA	TPHd: 9,400
	11/14/13	11.85	131.07	15	3.7	16	12	5,400	<0.50	NA	NA	TPHd: 2,200
	02/06/14	12.00	130.92	16	3.9	18	9.6	9,800	<1.5	NA	NA	TPHd: 2,200
	04/09/14	5.91	137.01	9.9	2.7	22	6.5	7,100	<1.5	NA	NA	TPHd: 1,500
	08/05/14	10.37	132.55	8.2	2.4	12	4.6	5,100	<0.90	NA	NA	TPHd: 1,800
	12/03/14	10.98	131.94	11	3	19	6.4	5,700	<0.90	NA	NA	TBA: 8.5, TPHd: 3,400
	02/16/15	6.22	136.70	6.0	2.0	12	4.0	5,500	<0.90	NA	NA	TPHd: 1,600
	4/20/15 - 4/22/15	8.10	134.82	10.5	3.3	30.7	10.5	6,070	<0.5	NA	NA	TPHd: 2,570/ 1,830**
	8/10/15 - 8/12/15	11.24	131.68	8.0	2.6	9.9	3.7	4,800	<0.50	NA	175[n], 10.0[o]	TPHd: 1,500
	12/1/15 - 12/3/15	12.58	130.34	4.4	1.5	2.7	1.6	3,630	<0.50	NA	NA	TBA: 7.8, TPHd: 1,500
	2/1/16 - 2/3/16	6.02	136.90	2.2	1.0	4.4	1.8	4,600	<0.50	NA	NA	TPHd: 1,450
	6/13/16 - 6/15/16	7.80	135.12	4.1	1.4	8.7	<2.5	4,550	<0.84	NA	NA	TPHd: 1,320
	8/8/16 - 8/10/16	10.00	132.92	3.9	2.0	8.5	2.1	5,320	<0.50	NA	NA	TPHd: 2,690
	11/29/16 - 12/01/16	7.36	135.56	2.3	1.0	3.9	<2.5	2,820	<0.84	NA	NA	TPHd: 1,960
	2/7/17- 2/9/17	4.13	138.79	2.1	1.0	3.7	1.3	2,590	<0.50	<0.50	17.0[p], 45.5[q], 9,8[r], 16.6[s], 11.1[t], 0.5[x]	TPHd: 304
	6/19/17 - 6/21/17	7.49	135.43	1.5	0.9	2.8	1.2	2,530	<0.5	NA	NA	TPHd: 566
	9/5/17 - 9/7/17	10.04	132.88	1.2	<0.84	1.8	<2.5	5,980	<0.84	NA	NA	TPHd: 1,530
	12/18/17 - 12/20/17	9.42	133.50	2.8	0.8	2.5	1.4	2,220	<0.5	NA	NA	TPHd: <50.0
	2/7/18 - 2/9/18	7.46	135.46	2.2	0.7	2.1	1.4	1,700	<0.5	NA	NA	TPHd: 432
	05/07/18 - 05/09/18	**6.40**	**136.52**	**1.8**	**0.6**	**0.9**	**<1.0**	**1,690**	**<0.5**	**NA**	**NA**	**TPHd: 336**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-3B	02/22/12	8.72	NC	<0.5	<0.5	<0.5	<0.5	<50	1.6	NA	NA	TPHd: 62
142.88	05/15/12	7.51	135.37	<0.5	<0.5	<0.5	<0.5	<50	1.9	NA	NA	TPHd: <50
	08/28/12	11.96	130.92	<0.5	<0.5	<0.5	<0.5	55	1.3	NA	NA	TPHd: 150
	11/20/12	10.99	131.89	<0.5	<0.5	<0.5	<0.5	<50	1.5	NA	NA	TPHd: 150
	02/05/13	7.18	135.70	<0.5	<0.5	<0.5	<0.5	<50	2.0	NA	NA	TPHd: <50
	05/29/13	9.95	132.93	<0.5	<0.5	<0.5	<0.5	<50	1.5	NA	NA	TPHd: 50
	08/20/13	11.23	131.65	<0.5	<0.5	<0.5	<0.5	<50	1.4	NA	NA	TPHd: 74
	11/14/13	13.22	129.66	<0.50	<0.50	<0.50	<0.50	<50	2.3	NA	NA	TPHd: 120
	02/06/14	13.00	129.88	<0.50	<0.50	<0.50	<0.50	<50	0.64	NA	NA	TPHd: 64
	04/09/14	6.23	136.65	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	08/05/14	11.92	130.96	<0.50	<0.50	<0.50	<0.50	<50	1.3	NA	NA	TPHd: 200
	12/03/14	11.81	131.07	<0.50	<0.50	0.82	1.4	<50	1.1	NA	NA	TPHd: 67
	02/16/15	6.73	136.15	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TBA: 7.4, TPHd: <50
	4/20/15 - 4/22/15	9.24	133.64	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	12.60	130.28	<0.50	<0.50	<0.50	<0.50	<50	0.99	NA	NA	TPHd: 77.0
	12/1/15 - 12/3/15	13.63	129.25	<0.50	<0.50	<0.50	<0.50	<50	0.59	NA	NA	TPHd: 151
	2/1/16 - 2/3/16	6.36	136.52	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	64.5 o	TPHd: 63.6
	6/13/16 - 6/15/16	7.80	135.08	<0.50	<0.50	<0.50	<0.50	<50	1.4	NA	NA	TPHd: 54.1
	8/8/16 - 8/10/16	11.01	131.87	<0.50	<0.50	<0.50	<1.5	<50	1.8	NA	52.0 n	TPHd: <98.1
	11/29/16 - 12/01/16	7.90	134.98	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <99.6
	2/7/17- 2/9/17	3.57	139.31	<0.50	<0.50	<0.50	<1.5	<50	<0.50	<0.50	ND	TPHd: 261
	6/19/17 - 6/21/17	8.56	134.32	<0.50	<0.50	<0.50	<1.0	<50	2.0	<0.50	ND	TPHd: <50.0
	9/5/17 - 9/7/17	11.29	131.59	<0.50	<0.50	<0.50	<1.5	<50	1.9	NA	ND	TPHd: <100
	12/18/17 - 12/20/17	10.48	132.40	<0.5	<0.5	<0.5	<1.0	<50.0	1.3	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	8.26	134.62	<0.5	<0.5	<0.5	<1.0	<50.0	<0.5	NA	NA	TPHd:<50.0
	05/07/18 - 05/09/18	**7.07**	**135.81**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50.0**	**<0.5**	**NA**	**NA**	**TPHd:<50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Date**	**Depth to Groundwater (ft)[#]**	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-4	12/19/00	10.37	129.65	<0.5	<5.0	<5.0	<5.0	<50	4.5		0.6[d]	
140.02	03/22/01	6.15	133.87	<0.5	<5.0	<5.0	<5.0	<50	<0.5		1.6[h], 5.8[i]	
	06/26/01	--	--	--	--	--	--	--	--		--	construction
	09/11/01	--	--	--	--	--	--	--	--		--	Well destroyed
MW-4A	11/13/01	10.51	129.51	<0.5	<5.0	<5.0	<5.0	<50	1.4		0.54[d], 0.53[e]	
143.39	12/07/01	--	--	--	--	--	--	--	--		--	
(5'-20')	12/11/01	5.20	138.19	--	--	--	--	--	--		--	
2"	01/15/02	4.63	138.76	--	--	--	--	--	--		--	
	02/12/02	6.02	137.37	<0.50	<0.50	<0.50	<0.50	<50	1.2		ND	
	03/12/02	5.88	137.51	--	--	--	--	--	--		--	
	04/16/02	7.00	136.39	--	--	--	--	--	--		--	
	05/14/02	8.72	134.67	<0.50	<0.50	<0.50	<0.50	<50	1.1		ND	
	06/11/02	10.05	133.34	--	--	--	--	--	--		--	
	07/16/02	11.63	131.76	--	--	--	--	--	--		--	
	08/13/02	12.82	130.57	<0.50	<0.50	<0.50	<0.50	<50	1.0	<5.0	--	
	12/02/02	12.62	130.77	<0.50	<0.50	<0.50	<0.50	<50	1.2	<0.50	--	
	03/05/03	6.16	137.23	<0.50	<0.50	<0.50	<0.50	<50	0.89	<0.50	--	
	06/12/03	7.38	136.01	<0.50	<0.50	<0.50	<0.50	<50	0.86	<0.50	--	
	09/16/03	11.39	132.00	<0.50	<0.50	<0.50	<0.50	<50	0.96	--	--	
	12/16/03	8.72	134.67	<0.50	<0.50	<0.50	<0.50	<50	0.9	--	--	
	03/15/04	5.80	137.59	<0.50	<0.50	<0.50	<0.50	<50	0.62	--	--	
	06/16/04	9.30	134.09	<0.50	<0.50	<0.50	<0.50	<50	0.83	--	--	
	09/13/04	12.36	131.03	<0.50	<0.50	<0.50	<0.50	<50	0.93	--	--	ND
	12/13/04	9.09	134.30	<0.50	<0.50	<0.50	<0.50	<50	0.54	--	--	ND
	03/01/05	5.97	137.42	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	ND
	06/08/05	6.40	136.99	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	ND
	09/08/05	10.45	132.94	<0.50	<0.50	<0.50	<0.50	<50	0.77	--	--	ND
	12/15/05	8.55	134.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	ND
	03/07/06	5.45	137.94	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	ND
	06/07/06	6.89	136.50	<0.50	<0.50	<0.50	<0.50	<50	0.59	--	--	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.46	134.93	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND	
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.39	134.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	NA	
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-4A	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
143.39	05/05/09	6.78	136.61	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
(5'-20')	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	6.34	137.05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	NA	
	08/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/03/11	6.18	137.21	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	NA	
	08/10/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/21/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/15/12	6.74	136.65	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	NA	TPHd:<50
	08/28/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/20/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/29/13	9.68	133.71	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	NA	TPHd:<50
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/14/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/06/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/09/14	6.23	137.16	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	NA	TPHd:<50
	08/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/03/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	8.90	134.49	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/15 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16 - 2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	8.30	135.09	<0.50	<0.50	<0.50	<1.5	<50	<0.50	<0.50	NA	TPHd:<49.1
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17- 2/9/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	7.90	135.49	<0.5	<0.5	<5.0	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17 - 9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17 - 12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/07/18 - 02/09/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/07/18 - 05/09/18	**6.56**	**136.83**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50.0**	**<0.5**	**NA**	**NA**	**TPHd:<50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-5	12/19/00	10.91	128.87	440	94	1,400	1,300	25,000	<5.0		49[a], 49[b], 25[c], 25[d], 25[e], 16[f]	
139.78												Abandoned
MW-5A	03/22/01	6.31	133.47	130	31	680	470	9,800	57		16[b], 2.3[d], 15[e], 0.6[j], 0.5[k]	
139.78	06/26/01	--	--	--	--	--	--	--	--		--	construction
(5'-20')	09/11/01	AB	--	--	--	--	--	--	--		--	
2"	10/16/01	14.47	125.31	--	--	--	--	--	--		--	
	11/13/01	11.15	128.63	<0.5	<5.0	<5.0	<5.0	<50	0.94		--	
142.91	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	5.09	137.82	--	--	--	--	--	--		--	
	01/15/02	4.09	138.82	--	--	--	--	--	--		--	
	02/12/02	5.85	137.06	<0.50	<0.50	<0.50	<0.50	<50	0.67		ND	
	03/12/02	5.78	137.13	--	--	--	--	--	--		--	
	04/16/02	6.81	136.10	--	--	--	--	--	--		--	
	05/14/02	8.89	134.02	<0.50	<0.50	<0.50	<0.50	<50	0.69		ND	
	06/11/02	10.29	132.62	--	--	--	--	--	--		--	
	07/16/02	12.09	130.82	--	--	--	--	--	--		--	
	08/13/02	13.40	129.51	<0.50	<0.50	<0.50	<0.50	<50	0.96	--	--	
	12/02/02	12.90	130.01	<0.50	<0.50	<0.50	<0.50	<50	0.93	<0.50	--	
	03/05/03	7.92	134.99	<0.50	<0.50	<0.50	<0.50	<50	1.00	<0.50	--	
	06/12/03	7.23	135.68	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	09/16/03	11.56	131.35	<0.50	<0.50	<0.50	<0.50	<50	1.3	--	5.0[m]	
	12/16/03	8.82	134.09	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	
	03/15/04	5.56	137.35	<0.50	<0.50	<0.50	<0.50	<50	0.88	--	--	
	06/16/04	9.35	133.56	<0.50	<0.50	<0.50	<0.50	<50	1.3	--	--	
	09/13/04	12.70	130.21	<0.50	<0.50	<0.50	<0.50	<50	1.8	--	--	ND
	12/13/04	9.21	133.70	<0.50	<0.50	<0.50	<0.50	<50	1.4	--	--	ND
	03/01/05	5.59	137.32	<0.50	<0.50	<0.50	<0.50	<50	1.6	--	--	ND
	06/08/05	6.15	136.76	<0.50	<0.50	<0.50	<0.50	<50	1.5	--	--	ND
	09/08/05	10.61	132.30	<0.50	<0.50	<0.50	<0.50	<50	1.5	--	--	ND
	12/15/05	8.76	134.15	<0.50	<0.50	<0.50	<0.50	<50	1.6	--	--	ND
	03/07/06	4.93	137.98	<0.50	<0.50	<0.50	<0.50	<50	1.4	--	--	ND
	06/07/06	6.72	136.19	<0.50	<0.50	<0.50	<0.50	<50	1.4	--	--	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.46	134.45	<0.50	<0.50	<0.50	<0.50	<50	1.0	<0.50	ND	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-5A	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
142.91	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5'-20')	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
2"	05/27/08	9.34	133.57	<0.50	<0.50	<0.50	5.2	<50	0.64	<0.50	NA	
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/09	6.89	136.02	15	120	20	300	1,800	30	NA	NA	TAME:21
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	5.81	137.10	<0.50	<0.50	<0.50	<0.50	<50	0.61	<0.50	NS	
	08/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/03/11	6.01	136.90	<0.50	<0.50	<0.50	<0.50	<50	0.63	<0.50	NS	
	08/10/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/21/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/15/12	6.71	136.20	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	08/28/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/20/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/29/13	9.82	133.09	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd:<50
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/14/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/06/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/09/14	6.05	136.86	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	NA	TPHd:<50
	08/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/03/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	8.92	133.99	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/15 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16 - 2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	8.10	134.81	<0.50	<0.50	<0.50	<1.5	<50	<0.50	<0.50	NA	TPHd:<75.3
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17- 2/9/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	9-5-17 - 9/7/17	Well Destroyed on 3/30/17										

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REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-6	12/19/00	--	--	--	--	--	--	--	--		--	
141.02	03/22/01	--	--	--	--	--	--	--	--		--	
(8'-23')	06/26/01	--	--	--	--	--	--	--	--		--	
4"	02/14/02	--	--	--	--	--	--	--	--		--	
	12/02/02	13.85	127.17	240	84	52	550	2,800	8.1	<2.0	--	Pump in Well/Pumping
	03/05/03	5.30	135.72	480	36	50	370	5,100	11	<2.0	--	
	06/12/03	7.25	133.77	1200	94	560	1600	16,000	<20	<5.0	--	Pump in Well/Pumping
	09/16/03	11.35	129.67	13	1.6	2.2	28	330	16	--	--	ND
	12/16/03	7.60	133.42	14	0.78	2.4	25	440	8.3	--	--	TBA: 21
	03/15/04	4.90	136.12	5.0	<0.50	<.50	3.2	20	67	--	--	
	06/16/04	8.98	132.04	530	9.2	38	400	7,300	15	--	--	TBA:21
	09/13/04	12.98	128.04	<0.50	<0.50	<0.50	<0.50	390	15	--	--	DIPE : 0.59
	12/13/04	8.50	132.52	320	18	65	700	5,100	11	--	--	DIPE: 1.4, TBA: 13
	03/01/05	4.20	136.82	18	<0.50	1.6	7.4	250	22	--	--	DIPE: 1.3, TBA: 7.6
	06/08/05	5.71	135.31	410	12	75	100	2,500	10	--	--	DIPE: 1.3, TBA: 7.6
	09/08/05	10.08	130.94	1200	27	500	1100	16,000	8.6	--	--	DIPE: 2.4, TBA: 36
	12/15/05	8.10	132.92	22	0.52	6.9	12	470	3.4	--	--	DIPE: 1.4, TBA: 7.9
	03/07/06	3.09	137.93	<0.50	<0.50	<0.50	<0.50	<50	1	--	--	ND
	06/07/06	6.65	134.37	630	15	220	170	3,900	5.7	--	--	DIPE: 4.6, TBA: 19
	09/28/06	9.62	131.40	NS	NS	NS	NS	NS	NS	NS	NS	Not Enough Water
	12/15/06	3.04	137.98	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND	
	03/22/07	5.38	135.64	24	6.1	1.0	1.2	120	<0.50	<0.50		DIPE: 0.54
	06/04/07	6.85	134.17	99	4.9	10	5.8	560	<0.50	<0.50	0.73[c]	DIPE: 2.0
	09/07/07	9.88	131.14	210	3.2	3.9	4.0	570	1.3	<0.50	1.6[c]	DIPE: 4.0, TBA: 5.4
	12/11/07	7.68	133.34	24	2.4	<0.50	2.4	160	<0.5	<0.50	ND	
	02/13/08	4.29	136.73	15	0.85	1.2	1.8	98	<0.5	<0.50	ND	
	05/27/08	6.96	134.06	49	19	1.5	3.5	180	<0.50	<0.50	NA	DIPE: 1.2
	09/10/08	8.79	132.23	610	6.9	47	67	2,400	2.3	NA	10[m]	DIPE:9.3
	11/04/08	6.15	134.87	33	1.3	22	38	960	<0.50	NA	NA	
	02/16/09	10.30	130.72	<0.50	<0.50	0.63	1.4	150	<0.50	NA	ND	
	05/05/09	2.21	138.81	8.3	3.4	0.79	2.8	190	<0.50	NA	NA	
	08/10/09	9.29	131.73	200	4.2	12	20.0	590	0.85	NA	NA	DIPE:3.8
	11/23/09	7.98	133.04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	02/09/10	3.63	137.39	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	05/05/10	4.89	136.13	<0.50	0.76	<0.50	<0.50	<50	<0.50	<0.50	NA	
	08/16/10	8.63	132.39	110	22	0.62	1.3	350	0.54	NA	NA	
	11/15/10	7.86	133.16	0.73	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	

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Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-6 (continued)	02/01/11	5.28	135.74	5.5	22	<0.50	<0.50	88	<0.50	NA	NA	
	05/03/11	5.92	135.10	1.5	0.59	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 520
	08/10/11	6.98	134.04	110	10	0.56	0.83	270	0.85	NA	NA	DIPE: 5.2, TBA: 5.5, TPHd: 24,000
141.02 (8'-23') 4"	11/15/11	8.93	132.09	82	5.3	3.0	2.8	280	<0.50	NA	NA	DIPE:1.9, TPHd: 27,000
	02/22/12	6.43	134.59	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 340
	05/15/12	5.41	135.61	46	1.1	1.2	0.74	330	<0.50	NA	NA	DIPE:1.4, TPHd:2,200
	08/28/12	9.18	131.84	110	1.7	6.9	2.3	790	<0.50	NA	NA	DIPE:2.8, TPHd:290
	11/20/12	9.89	131.13	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 930
	02/05/13	4.89	136.13	61	1.8	1.5	1.8	340	<0.50	NA	NA	TPHd: 6,700
	05/29/13	7.17	133.85	160	2.5	5.3	4.6	650	0.66	NA	NA	DIPE: 3.1, TPHd: 2,300
	08/20/13	9.35	131.67	130	2.2	7.1	8.3	900	0.60	NA	NA	DIPE: 2.7, TPHd: 2,200
	11/14/13	11.40	129.62	64	3.7	2.6	8.3	340	1.2	NA	NA	TBA:8.7, TPHd: 67,000
	02/06/14	9.78	131.24	<0.50	<0.50	<0.50	<0.50	67	<0.50	NA	NA	TPHd: 2,600
	04/09/14	4.82	136.20	3.6	<0.50	<0.50	<0.50	110	<0.50	<0.50	NA	TPHd: 240
	08/05/14	9.79	131.23	200	3.5	2.3	12	1,200	2.4	NA	NA	TBA:12, TPHd: 34,000
	12/03/14	4.81	136.21	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 2,100
	02/16/15	5.08	135.94	78	0.75	2.3	1.0	510	0.55	NA	NA	DIPE: 1.6, TPHd: 620
	4/20/15 - 4/22/15	7.26	133.76	214	1.5	7.8	6.4	896	<0.5	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	10.21	130.81	102	1.5	5.3	3.4	554	<0.50	NA	NA	TPHd: 686
	12/1/15 - 12/3/15	10.92	130.10	13.5	1.8	1.4	1.3	255	<0.50	NA	NA	TPHd: 685
	2/1/16 - 2/3/16	5.05	135.97	191	1.4	3.7	1.1	479	0.62	NA	52.8o	TPHd: 751
	6/13/16 - 6/15/16	6.51	134.51	24.3	0.91	0.65	<1.5	209	<0.50	NA	NA	TPHd: 404
	8/8/16 - 8/10/16	8.55	132.47	301	3.7	4.0	<1.5	803	1.5	NA	NA	TBA: 10.4, DIPE: 6.3, TPHd: 605
	11/29/16 - 12/01/16	5.80	135.22	171	1.1	5.6	2.2	517	0.67	NA	NA	DIPE: 5.2, TPHd: 391
	2/7/17- 2/9/17	2.66	138.36	<0.50	<0.50	<0.50	<1.5	<50	<0.50	<0.50	ND	TPHd: <50
	6/19/17 - 6/21/17	6.35	134.67	94.5	2.2	2.4	1.1	188	<0.5	NA	NA	DIPE: 3.8, TPHd: <50
	9/5/17 - 9/7/17	8.60	132.42	43.7	3.2	1.2	<1.5	324	0.61	NA	NA	DIPE: 4.3, TPHd: 764
	12/18/17 - 12/20/17	8.30	132.72	540	3.2	1.9	1.0	907	1.9	NA	NA	DIPE: 7.0, TPHd: <50.0
	02/07/18 - 02/09/18	6.26	134.76	234	2.6	2.6	<1.0	496	0.8	NA	NA	DIPE: 3.7, TPHd:<50.0
	05/07/18 - 05/09/18	**5.20**	**135.82**	**42.3**	**1.5**	**0.6**	**<1.0**	**168**	**<0.5**	**NA**	**NA**	**DIPE: 3.1, TPHd:<50.0**

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MW-7	12/19/00	10.51	128.25	1,100	96	1,000	580	38,000	<50		5.4[a], 5.4[b], 0.7[c]	sheen
138.76	03/22/01	5.88	132.88	1,300	62	1,000	460	18,000	65		2.6[b], 0.8[c]	
(4'-20')	06/26/01	9.96	128.80	820	71	770	260	17,000	<2.5		3.0[b], 0.8[c]	
2"	09/11/01	12.53	126.23	--	--	--	--	--	--		--	
	10/16/01	14.66	124.10	--	--	--	--	--	--		--	
	11/13/01	11.51	127.25	1,100	400	1,200	1700	29,000	<5.0		--	
141.36	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	4.40	136.96	--	--	--	--	--	--		--	
	01/15/02	3.85	137.51	--	--	--	--	--	--		--	
	02/12/02	5.47	135.89	1,300	300	2,100	2,200	33,000	<10		ND	
	03/12/02	5.28	136.08	--	--	--	--	--	--		--	
	04/16/02	6.61	134.75	--	--	--	--	--	--		--	
	05/14/02	8.41	132.95	1,200	220	2,000	1,800	34,000	<10		ND	
	06/11/02	9.65	131.71	--	--	--	--	--	--		--	
	07/16/02	11.43	129.93	--	--	--	--	--	--		--	
	08/13/02	13.89	127.47	830	110	730	460	19,000	<5.0		--	
	12/02/02	11.74	129.62	1,300	150	2,000	840	33,000	<10	<10	--	slight sheen
	03/05/03	5.42	135.94	1,000	85	970	190	21,000	<5.0	<5.0	--	
	06/12/03	6.53	134.83	1,400	130	3,100	450	28,000	<10	<10	--	sheen
	09/16/03	10.54	130.82	850	63	1,000	140	20,000	<5.0	<5.0	50[m]	
	12/16/03	7.73	133.63	840	66	940	140	24,000	<5.0	<5.0	--	
	03/15/04	5.15	136.21	810	65	900	120	19,000	<5.0	<5.0	--	
	06/16/04	8.42	132.94	540	53	850	93	19,000	<5.0	<5.0	--	
	09/13/04	12.02	129.34	500	42	420	62	17,000	<4.0	<4.0	--	
	12/13/04	7.95	133.41	490	41	620	91	18,000	<5.0	<5.0	--	
	03/01/05	4.88	136.48	470	37	720	48	18,000	<4.0	<4.0	--	
	06/08/05	5.54	135.82	350	34	740	46	16,000	<4.0	<4.0	--	
	09/08/05	9.46	131.90	360	29	390	44	18,000	<4.0	<4.0	--	
	12/15/05	7.68	133.68	340	27	270	46	15,000	<2.0	<2.0	--	
	03/07/06	4.45	136.91	350	33	470	45	14,000	<2.0	<2.0	--	
	06/07/06	6.21	135.15	240	23	360	37	13,000	<2.0	<2.0	--	
	09/28/06	10.74	130.62	410	32	320	49	14,000	<2.0	<2.0		
	12/15/06	7.82	133.54	260	24	210	45	10,000	<1.5	<1.5	ND	
	12/28/06	NM	NC	230	20	180	41	10,000	<1.5	NA	NA	
	03/22/07	6.00	135.36	260	20	120	31	8,600	<1.5	<1.5	ND	
	06/04/07	7.61	133.75	240	23	210	38	12,000	<1.5	<1.5	ND	
	09/07/07	11.27	130.09	320	22	180	26	10,000	<1.5	<1.5	ND	
	12/11/07	9.17	132.19	180	21	270	38	12,000	<1.5	<1.5	ND	
	02/13/08	4.91	136.45	240	22	250	30	10,000	<1.5	<1.5	ND	
	05/27/08	8.35	133.01	210	21	190	29	10,000	<1.5	<1.5	NA	
	09/10/08	11.58	129.78	130	15	110	26	11,000	<1.5	NA	ND	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-7	11/04/08	10.03	131.33	190	19	130	31	10,000	<1.5	NA	NA	
(Continued)	02/16/09	7.31	134.05	130	12	91	23	6,800	<1.5	NA	10[m]	
141.36	05/05/09	6.12	135.24	150	13	86	23	7,600	<1.5	NA	NA	ND
(4'-20')	08/10/09	10.43	130.93	130	13	84	25	9,400	<1.5	NA	NA	ND
2"	11/23/09	10.72	130.64	140	14	56	22	8,300	<1.5	NA	16[m]	
	02/09/10	4.89	136.47	130	12	64	18	8,200	<1.5	NA	NA	ND
	05/05/10	5.58	135.78	92	12	100	19	8,600	<1.5	<1.5	NA	ND
	08/16/10	9.33	132.03	84	8.5	39	14	9,600	<1.5	NA	NA	
	11/15/10	8.46	132.90	120	11	43	17	9,300	<1.5	NA	NA	
	02/01/11	5.65	135.71	98	13	87	18	9,800	<1.5	NA	NA	
	05/03/11	5.68	135.68	52	8	63	12	7,800	<1.5	NA	NA	
	08/10/11	8.75	132.61	120	12	73	17	8,900	<1.5	NA	NA	TPHd: <3,000
	11/15/11	10.62	130.74	200	14	78	32	7,100	<1.5	NA	NA	TPHd: <4,000
	02/22/12	7.36	134.00	190	16	74	55	7,800	<1.5	NA	NA	TPHd: <2,000
	05/15/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	08/28/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/20/12	10.44	130.92	110	8.1	26	20	8,700	<0.5	NA	NA	TPHd: <3,000
	02/05/13	5.80	135.56	80	8.8	44	14	7,700	<1.5	NA	NA	TPHd: <4,000
	05/29/13	8.98	132.38	58	6.3	27	14	7,500	<1.5	NA	NA	TPHd: 3,300
	08/20/13	10.66	130.70	48	4.8	22	10	7,000	<1.5	NA	NA	TPHd: 3,900
	11/14/13	12.86	128.50	54	5.4	22	11	7,300	<1.5	NA	NA	TPHd: 9,000
	02/06/14	12.65	128.71	40	3.6	12	7.0	6,700	<0.90	NA	NA	TPHd: 5,000
	04/09/14	5.49	135.87	25	2.8	13	4.6	3,700	<0.50	NA	NA	TPHd: 1,400, TBA:16
	08/05/14	11.35	130.01	16	2.8	19	6.4	5,100	<0.50	NA	NA	TBA:5.2, TPHd: 3,900
	12/02/14	11.05	130.31	13	1.6	7.0	3.4	3,700	<0.50	NA	NA	TBA: 10, TPHd: 2,200
	02/16/15	5.90	135.46	17	2.9	14	5.6	4,800	<0.50	NA	NA	TPHd: 1,600
	4/20/15 - 4/22/15	8.06	133.30	19.7	3.7	17	9.6	6,100	<0.5	NA	NA	TPHd: 1,830/928**
	8/10/15 - 8/12/15	11.42	129.94	9.0	2.1	10	3.6	3,260	<0.50	NA	50.4[n]	TPHd: 1.760
	12/1/15 - 12/3/15	12.82	128.54	12.6	2.3	5.5	4.1	9,000	<0.50	NA	7.0[o]	TPHd: 2,390
	2/1/16 - 2/3/16	5.65	135.71	1.6	<0.50	0.94	<1.0	1,080	<0.50	NA	NA	TPHd: 782
	6/13/16 - 6/15/16	7.18	134.18	7.4	2.0	8.3	3.3	3,870	<0.50	NA	NA	TPHd: 1,050
	8/8/16 - 8/10/16	9.30	132.06	6.7	2.2	11.6	3.0	3,080	<0.50	NA	NA	TPHd: 2,250
	11/29/16 - 12/01/16	6.74	134.62	9.8	2.7	10.5	3.5	3,760	<0.50	NA	NA	TPHd: 2,040
	2/7/17-2/9/17	3.75	137.61	13.8	2.9	6.1	3.3	2,160	<0.50	<0.50	32.2[p], 43.9[q], 8.6[r], 10.4[s], 36.1[t], 0.9[v], 0.5[x]	TPHd: 368
	6/19/17 - 6/21/17	6.82	134.54	8.6	3.2	12.9	2.5	1,960	<0.5	NA	NA	TPHd: 807
	9/5/17 - 9/7/17	9.63	131.73	5.6	0.67	2.4	<1.5	1,730	<0.50	NA	NA	TPHd: 953
	12/18/17 - 12/20/17	9.09	132.27	5.6	1.5	7.1	1.7	1,750	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	6.97	134.39	10.0	3.1	11.6	4.1	2,870	<0.5	NA	NA	TPHd: 1,430
	05/07/18 - 05/09/18	**5.70**	**135.66**	**13.0**	**4.3**	**14.9**	**4.3**	**3,300**	**<0.5**	**NA**	**NA**	**TPHd:<50**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-8A	12/19/00	Dry	--	--	--	--	--	--	--		--	
137.99	03/22/01	5.38	132.61	<0.5	<0.5	<0.5	<0.5	<50	<0.5		ND	
(3'-8')	06/26/01	Dry	--	--	--	--	--	--	--		--	
2"	09/11/01	DRY	--	--	--	--	--	--	--		--	
	10/16/01	--	--	--	--	--	--	--	--		--	
	11/13/01	DRY	--	--	--	--	--	--	--		--	
140.56	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	3.69	136.87	--	--	--	--	--	--		--	
	01/15/02	3.49	137.07	--	--	--	--	--	--		--	
	03/12/02	--	--	--	--	--	--	--	--		--	No Access
	04/16/02	--	--	--	--	--	--	--	--		--	No Access
	05/14/02	--	--	--	--	--	--	--	--		--	No Access
	06/11/02	--	--	--	--	--	--	--	--		--	No Access
	07/16/02	11.17	129.39	--	--	--	--	--	--		--	
	08/13/02	--	--	--	--	--	--	--	--		--	No Access
	12/02/02	7.98	132.58	--	--	--	--	--	--		--	Well Dry
	03/05/03	4.95	135.61	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	06/12/03	5.79	134.77	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	09/16/03	--	--	--	--	--	--	--	--	--	--	
	12/16/03	7.15	133.41	--	--	--	--	--	--	--	--	
	03/15/04	4.86	135.70	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	
	06/16/04	--	--	--	--	--	--	--	--	--	--	Car Over Well
	09/13/04	--	--	--	--	--	--	--	--	--	--	Well Dry
	12/13/04	7.05	133.51	--	--	--	--	--	--	--	--	Well Dry
	03/01/05	4.60	135.96	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	06/08/05	5.30	135.26	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	09/08/05	dry	--	--	--	--	--	--	--	--	--	--
	12/15/05	6.76	133.80	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	03/07/06	7.80	132.76	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	06/07/06	5.62	134.94	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	6.72	133.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND	
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Car Over Well
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-8A	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(Continued)	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.56	05/05/09	5.23	135.33	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
(3'-8')	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
2"	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	08/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/03/11	5.12	135.44	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	08/10/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/22/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.36	05/15/12	5.82	134.54	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd:<50
	08/28/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/20/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/29/13	7.76	132.60	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/14/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/06/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/09/14	5.12	135.24	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd:<50
	08/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/03/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	7.10	133.26	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/15 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/1/16 - 2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/13/16 - 6/15/16	6.50	133.86	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd:<81.4
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17- 2/9/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	6.67	133.69	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd:<50.0
	9/5/17 - 9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17 - 12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/07/18 - 02/09/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/07/18 - 05/09/18	**5.28**	**135.08**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd:<50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-8B	12/19/00	9.46	128.43	<0.5	<0.5	<0.5	<0.5	<50	<0.5		ND	
											0.6[c], 0.5[g], 2.0[b],	
137.89	03/22/01	5.60	132.29	<0.5	<0.5	<0.5	<0.5	<50	<0.5		0.7[i]	
(12'-22')	06/26/01	9.52	128.37	<0.5	<0.5	<0.5	<0.5	320	<0.5		ND	
2"	09/11/01	12.14	125.75	--	--	--	--	--	--		--	
	10/16/01	--	--	--	--	--	--	--	--		--	
140.46	11/13/01	10.75	127.14	<0.5	<0.5	<0.5	<0.5	<50	<0.5		--	
	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	3.77	136.69	--	--	--	--	--	--		--	
	01/15/02	3.96	136.50	--	--	--	--	--	--		--	
	03/12/02	--	--	--	--	--	--	--	--		--	No Access
	04/16/02	--	--	--	--	--	--	--	--		--	No Access
	05/14/02	--	--	--	--	--	--	--	--		--	No Access
	06/11/02	--	--	--	--	--	--	--	--		--	No Access
	07/16/02	DRY	--	--	--	--	--	--	--		--	DRY
	08/13/02	--	--	--	--	--	--	--	--		--	No Access
	12/02/02	10.91	129.55	<0.50	<0.50	<0.50	<0.50	100	<0.50	<0.50	--	
	03/05/03	5.11	135.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	06/12/03	6.42	134.04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	09/16/03	--	--	--	--	--	--	--	--	--	--	
	12/16/03	7.21	133.25	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	03/15/04	4.95	135.51	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	06/16/04	--	--	--	--	--	--	--	--	--	--	Car Over Well
	09/13/04	10.90	129.56	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	12/13/04	7.22	133.24	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	03/01/05	4.38	136.08	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	06/08/05	5.51	134.95	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	09/08/05	8.66	131.80	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	12/15/05	7.05	133.41	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	03/07/06	21.60	118.86	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	06/07/06	5.99	134.47	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.08	133.38	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND	
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Car Over Well
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/09	5.33	135.13	<0.05	<0.05	<0.05	<0.05	<50	<0.05	NA	NA	
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-8B	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	05/05/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.46	08/16/10	8.52	131.94	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
(12'-22')	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
2"	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/03/11	5.48	134.98	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd:100
	08/10/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/22/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/15/12	5.93	134.53	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd:<50
	08/28/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/20/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/05/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/29/13	8.21	132.25	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd:<50
	08/20/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/14/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/06/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	04/09/14	5.08	135.38	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 54
	08/05/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/03/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	4/20/15 - 4/22/15	7.43	133.03	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/1/15 - 12/3/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/09/15	NM	NC	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	ND	WDR Special Sampling; TPHd:270
	2/1/16 - 2/3/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/03/16	NM	NC	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	ND	WDR Special Sampling; TPHd: 76
	6/13/16 - 6/15/16	6.97	133.49	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: 110
	8/8/16 - 8/10/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	09/07/16	NM	NC	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	WDR Special Sampling; TPHd: <97.7
	11/14/16	NM	NC	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	WDR Special Sampling; TPHd: <97.0
	11/29/16 - 12/01/16	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	2/7/17- 2/9/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	6/19/17 - 6/21/17	6.53	133.93	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17 - 9/7/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/18/17 - 12/20/17	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/07/18 - 02/09/18	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/07/18 - 05/09/18	**5.43**	**135.03**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd:<50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
DTSC-7	12/19/00	11.64	127.14	220	64	65	1,400	10,000	1,800		1.1[d]	
138.78	03/22/01	7.53	131.25	<50	980	160	13,000	120,000	940		0.7[d], 0.8[l]	Sheen
UK	06/26/01	10.71	128.07	7,900	4,900	800	13,000	110,000	2,100		0.9[c], 1.0[d], 1.0[h]	
	09/11/01	13.66	125.12	--	--	--	--	--	--		--	
	10/16/01	15.41	123.37	--	--	--	--	--	--		--	
	11/13/01	10.91	127.87	5,900	8,100	1800	12,000	81,000	700		--	
140.78	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	6.08	134.70	--	--	--	--	--	--		--	
	01/15/02	5.81	134.97	--	--	--	--	--	--		--	
	02/12/02	5.07	135.71	470	350	150	1,200	13,000	240		2.5[d], 13[l]	
	03/12/02	5.54	135.24	--	--	--	--	--	--		--	
	04/16/02	6.51	134.27	--	--	--	--	--	--		--	
	05/14/02	11.10	129.68	780	440	72	1,800	11,000	390		160[m]	
	06/11/02	12.58	128.20	--	--	--	--	--	--		--	
	07/16/02	13.33	127.45	--	--	--	--	--	--		--	
	08/13/02	15.41	125.37	150	10	16	120	2,000	230		90[m]	
	12/02/02	13.36	127.42	110	44	18	200	1,900	140	<0.50	35[m]	
	03/05/03	5.25	135.53	8.6	2.7	2	14	470	<0.50	<0.50	--	
	06/12/03	6.99	133.79	130	49	16	130	1,300	51	<0.50	--	
	09/16/03	11.15	129.63	17	15	6.3	74	470	72	<0.50	16[m]	
	12/16/03	7.40	133.38	180	120	27	230	1,800	120	<0.50	--	
	03/15/04	4.90	135.88	69	11	18	120	870	6.6	<.50	--	
	06/16/04	8.99	131.79	32	6.1	3.9	37	350	16	<0.50	--	
	09/13/04	12.50	128.28	9.1	27	0.87	18	170	12	<0.50	--	ND
	12/13/04	8.24	132.54	460	120	50	520	4,400	150	<0.50	--	TBA: 100
	03/01/05	4.19	136.59	45	3.2	12	69	550	21	<0.50	--	TBA: 8.2
	06/08/05	5.70	135.08	38	2.5	12	58	540	14	<0.50	--	TBA: 8.2
	09/08/05	10.05	130.73	120	16	8.4	180	1,100	110	<0.50	--	TBA: 44
	12/15/05	7.86	132.92	12	0.59	2.0	10	120	2.4	<0.50	--	ND
	03/07/06	21.05	119.73	93	51	41	210	1,300	16	<0.50	--	TBA: 5.5
	06/07/06	6.64	134.14	33	1.4	15	47	460	11	<0.50	--	ND
	09/28/06	11.28	129.50	12	<0.50	0.85	3.3	170	52	<0.50	ND	
	12/15/06	7.90	132.88	39	1.6	9.5	48	580	100	<0.50	0.58[d]	TBA: 24
	03/22/07	5.97	134.81	7.8	0.76	2.0	6.8	140	9.3	<0.50	ND	
	06/04/07	7.94	132.84	4.2	<0.50	1.3	3.7	77	12	<0.50	ND	
	09/07/07	11.53	129.25	17	<0.50	1.4	1.3	200	32	<0.50	ND	TBA: 8.9
	12/11/07	9.51	131.27	27	1.4	3.5	6.8	360	39	<0.50	ND	TBA: 15
	02/13/08	4.28	136.50	28	2.8	6.3	17	310	47	<0.50	6.3[m]	
	05/27/08	8.53	132.25	26	0.64	3.6	2.6	520	21	<0.50	15[m]	
	09/10/08	11.89	128.89	1.5	<0.50	0.88	6.2	270	22	NA	7.9[m]	
	11/04/08	9.89	130.89	190	8.6	30	60	1,100	86	NA	NA	TBA:39
	02/16/09	6.89	133.89	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND	

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760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
DTSC-7 (continued) 140.78	05/05/09	6.71	134.07	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	08/10/09	10.64	130.14	5.6	<0.50	1.6	3.7	90	2.4	NA	NA	
	11/23/09	10.52	130.26	<0.50	<0.50	<0.50	0.56	<50	<0.50	NA	54[m]	
	02/09/10	4.02	136.76	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	05/05/10	5.48	135.30	<0.50	<0.50	<0.50	<0.50	<50	0.62	<0.50	NA	
	08/16/10	9.86	130.92	1.8	<0.50	0.95	1.6	79	0.58	NA	NA	
	11/15/10	7.92	132.86	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	02/01/11	5.47	135.31	18	0.7	12	23	300	2.3	NA	NA	
	05/03/11	5.61	135.17	<0.50	<0.50	<0.50	<0.50	<50	1.9	NA	NA	TPHd: 68
	08/10/11	8.88	131.90	2.6	<0.50	1.4	1.8	82	1.1	NA	NA	TPHd: 280
	11/15/11	10.79	129.99	3.5	<0.5	0.79	1.5	82	0.93	NA	NA	TPHd: 1,300
	02/22/12	7.46	133.32	<0.50	<0.50	<0.50	<0.50	<50	0.60	NA	NA	TPHd: 76
	05/15/12	6.21	134.57	15	0.50	7.3	8.4	170	2.6	NA	NA	TPHd: 260
	08/28/12	10.96	129.82	3.0	<0.50	<0.50	<0.50	<50	3.1	NA	NA	TPHd: 54
	11/20/12	9.72	131.06	11	<0.50	<0.50	1.6	65	9.5	NA	NA	TPHd: 280
	02/05/13	5.72	135.06	55	1.3	11	16	400	12	NA	NA	TPHd: 240
	05/29/13	8.74	132.04	5.8	<0.50	0.98	2.1	190	6.7	NA	NA	TBA: 5.1, TPHd: 210
	08/20/13	10.83	129.95	2.1	<0.50	<0.50	1.8	420	9.0	NA	NA	TBA: 8.1, TPHd: 290
	11/14/13	12.30	128.48	1.7	<0.50	<0.50	3.2	340	29	NA	NA	TBA: 10, TPHd: 210
	02/06/14	11.80	128.98	100	3.6	7.3	69	2,000	32	NA	NA	TBA: 12, TPHd: 980
	04/09/14	4.78	136.00	16	<0.50	5.0	6.3	330	7.1	NA	NA	TPHd: 120
	08/05/14	10.80	129.98	50	1.6	4.1	25	720	20	NA	NA	TBA: 13, TPHd: 350
	12/03/14	10.19	130.59	38	1.3	8.8	16	300	14	NA	NA	TBA: 8.2, TPHd: 260
	02/16/15	5.14	135.64	26	1.0	11	26	1,000	15	NA	NA	TBA: 14, TPHd: 280
	4/20/15 - 4/22/15	7.79	132.99	28.3	1.2	7.0	16.6	1,110	22.3	NA	NA	TPHd: 305/53.3**
	8/10/15 - 8/12/15	11.36	129.42	9.7	<0.50	1.8	4.5	368	13.0	NA	NA	TBA: 8.3, TPHd: 290
	12/1/15 - 12/3/15	12.55	128.23	0.80	<0.50	<0.50	<1.0	265	4.6	NA	55.5[n], 5.4[o]	TPHd: 275
	2/1/16 - 2/3/16	4.90	135.88	44.6	0.71	5.5	8.8	335	13.8	NA	11.1[m]	TPHd: 264
	6/13/16 - 6/15/16	7.35	133.43	14.9	<0.50	0.98	<1.5	177	11.5	NA	NA	TPHd: 257
	8/8/16 - 8/10/16	9.61	131.17	1.8	<0.50	<0.50	<1.5	104	7.5	NA	NA	TPHd: 153
	11/29/16 - 12/01/16	6.33	134.45	34.9	<0.50	2.5	2.6	195	11.9	NA	NA	TBA: 12.4, TPHd: 178
	2/7/17-2/9/17	2.34	138.44	55.2	0.8	10.7	9.8	652	7.9	<0.50	4.0[p], 6.3[q], 1.4[r], 1.4[s], 16.7[t], 0.5[v], 3.5[x]	TPHd: 242
	6/19/17 - 6/21/17	6.70	134.08	32.5	<0.5	2.5	1.4	339	20.5	NA	NA	TPHd: 444
	9/5/17 - 9/7/17	9.75	131.03	3.2	<0.50	<0.50	<1.5	576	10.6	NA	NA	TBA: 9.0, TPHd: 469
	12/18/17 - 12/20/17	8.87	131.91	146	<2.5	14.0	8.9	1,290	29.3	NA	NA	TPHd:<50.0
	02/07/18 - 02/09/18	6.44	134.34	185	1.6	11.5	4.2	1,260	33.4	NA	NA	TBA: 23.1, TPHd: 659
	05/07/18 - 05/09/18	**5.21**	**135.57**	**18.8**	**<0.5**	**2.2**	**1.0**	**180**	**2.9**	**NA**	**NA**	**TPHd:<50.0**

TABLE 3
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Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-9	09/07/07	11.29	127.41	180	7.3	63	20	4,200	<0.90	<0.90	ND	
138.7	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.25	130.45	66	4.0	44	5.6	4,600	<0.90	<0.90	NA	
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/14/09	5.35	133.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	08/10/09	10.04	128.66	58	1.1	7.7	1.8	2,400	<0.50	NA	NA	TBA:6.1
	11/23/09	10.32	128.38	100	4.6	19	4.8	4,000	<0.50	NA	NA	TBA:5.8
	02/09/10	4.39	134.31	<0.50	<0.50	<0.50	<0.50	470	<0.50	NA	NA	
	05/05/10	5.31	133.39	<0.50	<0.50	1.6	<0.50	450	<0.50	<0.50	NA	
	08/16/10	9.09	129.61	27	0.88	2.4	0.53	1,800	<0.50	NA	NA	
	11/15/10	8.10	130.60	8.9	0.61	1.6	<0.50	2,000	<0.50	NA	NA	TBA:5.4
	02/01/11	5.48	133.22	<0.50	<0.50	0.87	<0.50	680	<0.50	NA	NA	
	05/03/11	5.68	133.02	0.88	<0.50	5.8	<0.50	2,300	<0.50	NA	NA	
	08/10/11	7.63	131.07	2.9	1.2	2.8	1.2	1,500	<0.50	NA	NA	TPHd: <500
	11/15/11	10.36	128.34	120	3.1	8.0	9.6	2,200	<0.50	NA	NA	TPHd: <800, TBA:6.4
141.18	02/22/12	7.50	131.20	3.0	<0.50	<0.50	<0.50	720	<0.50	NA	NA	TPHd:<300
	05/15/12	5.62	135.56	0.55	<0.50	2.3	<0.50	1,200	<0.50	NA	NA	TPHd:<500
	08/28/12	10.36	130.82	40	1.3	1.1	3.8	2,100	<0.50	NA	NA	TPHd:<500
	11/20/12	9.75	131.43	8.7	2.5	2.0	6.5	2,100	<0.50	NA	NA	TPHd:<600
	02/05/13	5.65	135.53	<0.5	<0.5	0.67	<0.5	460	<0.50	NA	NA	TPHd:<200
	05/29/13	8.60	132.58	9.7	1.1	2.6	2.1	2,300	<0.50	NA	NA	TPHd: 630
	08/20/13	10.45	130.73	8.6	1.2	1.6	1.9	1,600	<0.50	NA	NA	TPHd: 510
	11/14/13	12.41	128.77	8.8	1.4	1.2	4.1	1,500	<0.50	NA	NA	TPHd: 630
	02/06/14	12.25	128.93	0.55	0.87	0.71	2.6	2,600	<0.50	NA	NA	TPHd: 530
	04/09/14	5.29	135.89	<0.5	<0.5	2.2	<0.5	1,600	<0.50	NA	NA	TPHd: 400
	08/05/14	10.55	130.63	8.0	2.0	4.6	3.9	2,900	<0.50	NA	NA	TPHd: 820
	12/02/14	10.90	130.28	<0.50	<0.50	<0.50	<0.50	1,400	<0.50	NA	NA	TPHd: 340
	02/16/15	5.65	135.53	<0.50	<0.50	0.85	<0.50	1,800	<0.50	NA	NA	TPHd: 360
	4/20/15 - 4/22/15	7.85	133.33	<0.5	0.5	1.1	1.1	1,880	<0.5	NA	NA	TPHd:139/53.3**
	8/10/15 - 8/12/15	11.25	129.93	<0.50	<0.50	<0.50	<0.50	1,850	<0.50	NA	5.3[m]	TPHd: 452
	12/1/15 - 12/3/15	12.63	128.55	<0.50	<0.50	<0.50	<1.0	1,760	<0.50	NA	NA	TPHd: 363
	2/1/16 - 2/3/16	5.42	135.76	<0.50	<0.50	<0.50	<1.0	661	<0.50	NA	51.5[o]	TPHd: 209
	6/13/16 - 6/15/16	7.11	134.07	<0.50	<0.50	<0.50	<1.5	517	<0.50	NA	NA	TPHd: 143
	8/8/16 - 8/10/16	9.20	131.98	<0.50	<0.50	<0.50	<1.5	1,340	<0.50	NA	NA	TPHd: 304
	11/29/16 - 12/01/16	6.55	134.63	<0.50	<0.50	<0.50	<1.5	1,520	<0.50	NA	NA	TPHd: 331
	2/7/17- 2/9/17	3.65	137.53	<0.50	<0.50	<0.50	<1.5	203	<0.50	<0.50	2.4[v]	TPHd: 216
	6/19/17 - 6/21/17	6.84	134.34	<0.5	<0.5	<0.5	<1.0	832	<0.5	NA	NA	TPHd: 370
	9/5/17 - 9/7/17	9.58	131.60	<0.50	<0.50	<0.50	<1.5	1,800	<0.50	NA	NA	TPHd: 374
	12/18/17 - 12/20/17	8.98	132.20	<0.5	<0.5	<0.5	<1.0	1,710	<0.5	NA	NA	TPHd: <50
	02/07/18 - 02/09/18	6.82	134.36	<0.5	<0.5	<0.5	<1.0	987	<0.5	NA	NA	TPHd:201
	05/07/18 - 05/09/18	**5.55**	**135.63**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**1,670**	**<0.5**	**NA**	**NA**	**TPHd:<50**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-10	09/07/07	11.52	127.51	230	25	480	160	10,000	<2.0	<2.0	ND	
139.03	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.49	130.54	79	7.3	180	54	7,000	<0.90	<0.90	NA	TBA 6.8
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/14/09	6.30	132.73	1.0	<0.50	1.4	<0.50	280	<0.50	NA	NA	
	08/10/09	10.72	128.31	1.6	<0.50	0.94	<0.50	580	<0.50	NA	NA	
	11/23/09	11.33	127.70	3.0	<0.50	1.6	<0.50	840	<0.50	NA	NA	
	02/09/10	4.89	134.14	<0.50	<0.50	<0.50	<0.50	74	<0.50	NA	NA	
	05/05/10	5.39	133.64	2.6	<0.50	4.2	0.93	880	<0.50	<0.50	NA	
	08/16/10	9.79	129.24	<0.50	<0.50	<0.50	<0.50	430	<0.50	NA	NA	
	11/15/10	8.47	130.56	<0.50	<0.50	<0.50	<0.50	300	<0.50	NA	NA	
	02/01/11	5.58	133.45	1.9	<0.50	<0.50	<0.50	1,100	<0.50	NA	NA	TBA 5.5
	05/03/11	5.44	133.59	2.1	<0.50	<0.50	<0.50	550	<0.50	NA	NA	TBA: 8.0
	08/10/11	8.93	130.10	2.3	<0.50	6.6	0.55	3,200	<0.50	NA	NA	TPHd: <1,000
	11/15/11	10.90	128.13	2.8	<0.50	<0.50	<0.50	1,200	<0.50	NA	NA	TPHd: <400
	02/22/12	7.52	131.51	0.74	<0.50	<0.50	<0.50	1,200	<0.50	NA	NA	DIPE: 0.51, TPHd: <300
	05/15/12	6.03	135.48	20	<0.50	0.92	<0.50	1,700	0.56	NA	NA	DIPE: 1.2, TPHd: <400, TBA:6.3
141.51												
	08/28/12	10.28	131.23	<0.50	<0.50	<0.50	<0.50	1,700	<0.50	NA	NA	TPHd: <400
	11/20/12	10.72	130.79	<0.50	<0.50	<0.50	<0.50	1,800	<0.50	NA	NA	TPHd: <400
	02/05/13	8.75	132.76	4.2	<0.50	0.87	0.96	650	<0.50	NA	NA	TPHd: <500
	05/29/13	9.00	132.51	1.4	<0.50	1.4	<0.50	2,100	<0.50	NA	NA	DIPE: 0.60, TPHd: 710
	08/20/13	10.82	130.69	0.76	<0.50	0.55	<0.50	2,100	<0.50	NA	NA	TPHd: 940
	11/14/13	12.82	128.69	<0.50	<0.50	<0.50	<0.50	1,900	<0.50	NA	NA	DIPE: 0.54, TPHd: 530
	02/06/14	12.72	128.79	<0.50	<0.50	<0.50	<0.50	2,100	<0.50	NA	NA	DIPE: 0.53, TPHd: 560
	04/09/14	5.50	136.01	6.5	0.74	3.5	0.77	2,700	<0.50	NA	NA	DIPE: 1.0, TPHd: 520, TBA:5.0
	08/05/14	10.90	130.61	3.0	0.62	1.1	0.67	2,900	<0.50	NA	NA	TBA: 6.4, TPHd: 820
	12/02/14	11.41	130.10	<0.50	<0.50	0.64	<0.50	2,100	<0.50	NA	NA	TBA: 6.3, TPHd: 560
	02/16/15	5.89	135.62	8.4	0.60	4.3	1.2	3,900	<0.50	NA	NA	TBA: 10, TPHd: 630
	4/20/15 - 4/22/15	8.14	133.37	9.8	0.6	4.7	1.2	4,750	<0.5	NA	NA	TPHd: 133/53.3**
	8/10/15 - 8/12/15	11.26	130.25	2.1	<0.50	0.79	<0.50	2,660	<0.50	NA	NA	TPHd: 532
	12/1/15 - 12/3/15	12.84	128.67	1.4	<0.50	<0.50	<1.0	2,500	<0.50	NA	6.6[o]	TPHd: 499
	2/1/16 - 2/3/16	5.59	135.92	1.7	<0.50	1.3	<1.0	2,410	<0.50	NA	NA	TPHd: 449
	6/13/16 - 6/15/16	7.29	134.22	<0.50	<0.50	<0.50	<1.5	882	<0.50	NA	NA	TPHd: 248
	8/8/16 - 8/10/16	9.57	131.94	<0.50	<0.50	0.80	<1.5	2,010	<0.50	NA	NA	TBA: 5.8, TPHd: 325
	11/29/16 - 12/01/16	6.85	134.66	<0.50	<0.50	1.00	<1.5	1,880	<0.50	NA	5.7[o]	TPHd: 813
	2/7/17- 2/9/17	3.88	137.63	<0.50	<0.50	<0.50	<1.5	<50	<0.50	<0.50	ND	TPHd: 205
	6/19/17 - 6/21/17	7.00	134.51	<0.5	<0.5	<0.5	<1.0	547	<0.5	NA	NA	TPHd: 385
	9/5/17 - 9/7/17	9.99	131.52	<0.50	<0.50	<0.50	<1.5	1,310	<0.50	NA	NA	TPHd: 341
	12/18/17 - 12/20/17	9.25	132.26	<0.5	<0.5	0.50	<1.0	1,140	<0.5	NA	NA	TPHd: <50
	02/07/18 - 02/09/18	7.02	134.49	<0.5	<0.5	0.60	<1.0	962	<0.5	NA	NA	TPHd: 259
	05/07/18 - 05/09/18	**5.60**	**135.91**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**697**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-11	09/07/07	11.28	127.53	380	30	260	40	13,000	<2.5	<2.5	ND	
138.81	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.24	130.57	180	15	110	18	9,600	<1.5	<1.5	NA	
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/14/09	6.15	132.66	6.5	<0.50	2.0	<0.50	560	<0.50	NA	NA	
	08/10/09	10.36	128.45	21	2.0	23	1.3	2,700	<0.50	NA	NA	
	11/23/09	11.84	126.97	150	14	62	19	5,800	<0.50	NA	NA	TBA:10
	02/09/10	4.43	134.38	91	4.7	3.8	7.0	3,500	<0.50	NA	NA	TBA:7.2
	05/05/10	5.64	133.17	12	2.0	22	2.7	4,800	<0.50	<0.50	NA	
	08/16/10	9.33	129.48	82	7.9	38	9.4	6,500	<0.50	NA	NA	
	11/15/10	7.58	131.23	120	9.0	21	8.8	5,100	<0.50	NA	NA	
	02/01/11	5.54	133.27	12	1.3	8.7	1.8	3,900	<0.50	NA	NA	
	05/03/11	5.61	133.20	2.2	0.64	<0.50	0.63	1,200	<0.50	NA	NA	
	08/10/11	8.72	130.09	61	5.5	24	4.9	5,800	<0.50	NA	NA	TPHd: <1,500
	11/15/11	10.63	128.18	190	14	61	24	5,600	<0.90	NA	NA	TPHd: <3,000
	02/22/12	7.96	130.85	220	14	33	27	5,400	<0.90	NA	NA	TPHd: <1,500
141.29	05/15/12	6.29	135.00	16	0.90	2.5	1.1	1,500	<0.50	NA	NA	TPHd: <500
	08/28/12	10.11	131.18	120	9.4	29	21	6,800	<0.50	NA	NA	TPHd:<2,000
	11/20/12	10.91	130.38	160	11	24	19	7,100	<0.90	NA	NA	TPHd: <3,000
	02/05/13	5.71	135.58	6.7	0.86	4.5	1.3	2,700	<0.50	NA	NA	TPHd: <1,500
	05/29/13	8.78	132.51	75	7.1	28	12	6,600	<0.50	NA	NA	TPHd: 1,800
	08/20/13	10.52	130.77	65	6.5	25	12	7,000	<0.90	NA	NA	TPHd: 3,200
	11/14/13	12.64	128.65	93	6.2	17	11	6,500	<0.90	NA	NA	TPHd: 3,900
	02/06/14	12.54	128.75	68	6.0	29	10	7,800	<1.5	NA	NA	TPHd: 3,500, TBA: 9.9
	04/09/14	5.35	135.94	14	1.3	7.8	2.4	4,300	<0.50	NA	NA	TPHd: 1,000, TBA: 8.8
	08/05/14	10.63	130.66	26	4.4	38	8.7	4,900	<0.50	NA	NA	TBA: 7.6, TPHd: 1,700
	12/02/14	11.12	130.17	33	5.2	28	11	6,300	<0.50	NA	NA	TBA: 7.5, TPHd: 2,300
	02/16/15	5.70	135.59	5.0	1.0	5.0	1.6	4,500	<0.50	NA	NA	TBA: 8.0, TPHd: 1,300
	4/20/15 - 4/22/15	7.93	133.36	13.7	3.1	21.5	5.8	4,290	<0.5	NA	NA	TPHd: 374/<53.3[**]
	8/10/15 - 8/12/15	11.08	130.21	12.3	1.7	5.4	3.2	4,790	<0.50	NA	1,500[m]	TPHd: 1,580
	12/1/15 - 12/3/15	12.62	128.67	8.4	1.0	3.9	1.9	4,400	<0.50	NA	NA	TPHd: 2,770
	2/1/16 - 2/3/16	5.42	135.87	3.3	0.75	2.7	<1.0	3,200	<0.50	NA	10.4[o]	TPHd: 1,000
	6/13/16 - 6/15/16	7.03	134.26	0.96	<0.50	0.77	<1.5	1,900	<0.50	NA	NA	TPHd: 489
	8/8/16 - 8/10/16	9.01	132.28	0.92	<0.50	0.86	<1.5	2,380	<0.50	NA	NA	TPHd: 553
	11/29/16 - 12/01/16	6.57	134.72	0.97	<0.50	<0.50	<1.5	2,050	<0.50	NA	NA	TPHd: 586
	2/7/17- 2/9/17	3.87	137.42	<0.50	<0.50	<0.50	<1.5	583	<0.50	<0.50	3.5[p], 4.9[q], 3.1[r], 2.5[s], 1.0[t], 2.0[v]	TPHd:221
	6/19/17 - 6/21/17	6.57	134.72	0.9	<0.5	<0.5	<1.0	1,030	<0.5	NA	NA	TPHd: 517
	9/5/17 - 9/7/17	9.47	131.82	1.3	0.56	0.95	<1.5	2,680	<0.50	NA	NA	TPHd: 630
	12/18/17 - 12/20/17	8.90	132.39	1.6	<0.5	0.7	<1.0	1,540	<0.5	NA	NA	TPHd: <50
	02/07/18 - 02/09/18	6.79	134.50	0.7	<0.5	<0.5	<1.0	1,110	<0.5	NA	NA	TPHd: 226
	05/07/18 - 05/09/18	**5.40**	**135.89**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**643**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-12	09/07/07	11.72	126.94	320	28	380	42	14,000	<2.5	<2.5	ND	
138.66	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.59	130.07	210	18	170	25	10,000	<1.5	<1.5	NA	
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	7.2[o]	TPHd: <50
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/14/09	6.26	132.40	100	8.7	63	14	6,800	<1.5	NA	NA	
	08/10/09	10.68	127.98	150	15	120	23	10,000	<1.5	NA	NA	
	11/23/09	11.03	127.63	140	15	79	20	9,300	<1.5	NA	NA	TBA:10
	02/09/10	4.68	133.98	89	7.6	29	12	6,600	1.5	NA	NA	TBA: 6.9
	05/05/10	5.12	133.54	100	9.9	38	13	6,700	<1.0	<1.0	NA	
	08/16/10	9.74	128.92	95	10	65	16	8,700	<1.0	NA	NA	
	11/15/10	8.04	130.62	73	7.0	33	9.0	6,500	1.8	NA	NA	
	02/01/11	5.63	133.03	93	11	68	15	9,300	<0.9	NA	NA	
	05/03/11	5.43	133.23	46	5.1	19	7.4	5,200	0.88	NA	NA	
	08/10/11	9.08	129.58	84	7.3	34	7.54	6,800	<0.9	0.9	75p, 240q, 20r, 35s, 100t, 1.0u, 2.3v,	TPHd: <3,000
	11/15/11	11.03	127.63	130	12	75	12	7,300	<0.90	NA	NA	TPHd: <3,000
	02/22/12	7.56	131.10	170	6.4	79	25	7,900	<0.90	NA	NA	TPHd: <2,000
141.14	05/15/12	6.03	135.11	76	6.4	27	10	5,700	<0.90	NA	NA	TPHd: <2,000
	08/28/12	11.23	129.91	100	10	50	16	9,900	<0.90	NA	NA	TPHd: <4,000
	11/20/12	10.76	130.38	120	10	36	13	10,000	<1.5	NA	NA	TPHd: <3,000
	02/05/13	5.67	135.47	90	8.5	36	10	6,800	<1.5	NA	NA	TPHd: <3,000
	05/29/13	9.23	131.91	66	7.4	40	11	7,900	<1.5	NA	NA	TPHd: 2,400
	08/20/13	10.98	130.16	59	6.8	36	10	7,900	<1.5	NA	NA	TPHd: 2,900
	11/14/13	12.92	128.22	85	9.2	48	12	10,000	<1.5	NA	NA	TPHd: 6,700
	02/06/14	12.93	128.21	76	8.3	46	12	12,000	<1.5	NA	NA	TBA: 9.7 , TPHd: 5,100
	04/09/14	5.31	135.83	54	6.2	38	7.5	8,200	<1.5	NA	NA	TBA: 8.4 , TPHd: 2,300
	08/05/14	11.05	130.09	53	7.6	56	9.7	11,000	<1.5	NA	NA	TBA: 7.6 , TPHd: 5,000
	12/02/14	11.38	129.76	51	8.4	65	11	11,000	<1.5	NA	NA	TPHd: 4,000
	02/16/15	5.54	135.60	33	4.3	24	5.4	8,100	<1.5	NA	NA	TPHd: 1,600
	4/20/15 - 4/22/15	8.37	132.77	27.8	4.1	28.7	8.1	7,200	<0.5	NA	NA	TPHd: 376/203**
	8/10/15 - 8/12/15	10.82	130.32	25.5	3.6	12.2	6.4	3,730	<0.50	NA	652[n]	TPHd: 1,900
	12/1/15 - 12/3/15	12.56	128.58	27.8	3.5	14.6	5.7	6,800	0.86	NA	NA	TPHd: 2,830
	2/1/16 - 2/3/16	5.29	135.85	25.6	2.7	5.7	4.9	4,810	0.52	NA	12.8[o]	TPHd: 2,270
	6/13/16 - 6/15/16	6.96	134.18	16.5	1.8	3.8	3.4	4,330	<0.50	NA	51.4[n], 6.9[o]	TPHd: 1,270
	8/8/16 - 8/10/16	8.96	132.18	46.2	4.1	14.3	9.7	4,280	<0.50	NA	NA	TPHd: 1,560
	11/29/16 - 12/01/16	6.48	134.66	47.5	2.0	3.2	6.7	3,470	<0.50	NA	NA	TPHd: 1,720
	2/7/17-2/9/17	3.57	137.57	16.0	1.0	2.9	3.5	3,750	<0.50	<0.5	28.1[p], 72.7[q], 12.0[r], 10.0[t], 6,2[v]	TPHd: 391
	6/19/17 - 6/21/17	6.54	134.60	7.2	0.6	1.1	2.0	3,000	<0.5	NA	NA	TPHd: 931
	9/5/17 - 9/7/17	9.35	131.79	42.3	2.8	17.6	13.9	4,340	<0.50	NA	NA	TPHd: 1,700
	12/18/17 - 12/20/17	8.83	132.31	17.6	0.6	0.8	1.8	1,310	<0.5	NA	NA	TPHd: <66.7
	02/07/18 - 02/09/18	6.76	134.38	7.8	<0.5	0.8	1.3	1,680	<0.5	NA	NA	TPHd; 440
	05/07/18 - 05/09/18	**5.44**	**135.70**	**4.6**	**0.7**	**1.1**	**1.4**	**2,510**	**<0.5**	**NA**	**NA**	**TPHd: <50**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
GW-2A (NM)	08/10/11	8.11	NC	100	7.2	73	12.0	8,100	<1.5	NA	NA	TPHd: <4,000
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/22/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/15/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	08/28/12	10.36	NC	<0.5	<0.5	<0.5	<0.5	50	<0.5	NA	NA	TPHd: <50
	11/20/12	9.91	NC	<0.5	<0.5	<0.5	<0.5	140	1.8	NA	NA	TPHd: 83
	02/05/13	6.68	NC	64	11	78	14	9,100	<2.0	NA	NA	TPHd: 10,000
	05/29/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	08/20/13	10.18	NC	11	2.5	24	3.4	8,200	<1.5	NA	NA	TPHd: 24,000
	11/14/13	12.14	NC	22	3.8	27	4.3	8,200	<1.5	NA	NA	TPHd: 5,100, TBA:18
	02/06/14	11.75	NC	5.8	2.1	19	2.9	9,400	<1.5	NA	NA	TBA: 14, TPHd: 7,200
	04/09/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/05/14	10.03	NC	3.3	1.9	16	2.4	4,700	<0.50	NA	NA	TBA: 6.0, TPHd: 2,800
	12/02/14	10.22	NC	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 79
	02/17/15	5.65	NC	<0.50	<0.50	<0.50	<0.50	130	1.9	NA	NA	TPHd: <50
	4/20/15 - 4/22/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/10/15 - 8/12/15	10.90	NC	<0.50	<0.50	<0.50	<0.50	148	2.8	NA	7.2[o]	TPHd: <50
	12/1/15 - 12/3/15	12.42	NC	3.0	1.5	9.8	2.4	3,960	<0.50	NA	NA	TPHd: 4,380
	2/1/16 - 2/3/16	4.89	NC	<0.50	11.6	<0.50	<0.50	59.2	<0.50	NA	13.5[o]	TPHd: 3,740
	6/13/16 - 6/15/16	6.71	NC	<0.50	<0.50	<0.50	<1.5	189	<0.50	NA	NA	TPHd: 3,930
	8/8/16 - 8/10/16	8.79	NC	<0.50	<0.50	<0.50	<1.5	153	<0.50	NA	NA	TPHd: 2,370
	11/29/16 - 12/01/16	8.03	NC	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <99.9
	2/7/17- 2/9/17	3.39	NC	<0.50	<0.50	<0.50	<1.0	<50	<0.50	<0.50	0.5[aa]	TPHd: 240
	6/19/17 - 6/21/17	6.13	NC	2.4	<0.5	0.7	<1.0	426	<0.5	NA	NA	TPHd: 824
	9/5/17 - 9/7/17	8.92	NC	1.1	<0.50	<0.50	<1.5	685	<0.50	NA	NA	TPHd: 2,770
	12/18/17 - 12/20/17	9.36	NC	<0.5	<0.5	<5.0	<1.0	270	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	6.26	NC	<0.5	<0.5	<5.0	<1.0	222	<0.5	NA	NA	TPHd: <50.0
	05/07/18 - 05/09/18	**5.00**	**NC**	**11.1**	**12.3**	**11.0**	**1.4**	**797**	**<0.5**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
GW-2BU (NM)	08/10/11	9.41	NC	<0.5	<0.5	<0.5	<0.5	190	1.6	NA	NA	TPHd: 50
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/22/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/15/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	08/28/12	11.46	NC	<0.5	<0.5	<0.5	<0.5	150	1.5	NA	NA	TPHd: <50
	11/20/12	10.72	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd: 280
	02/05/13	6.13	NC	<0.5	<0.5	<0.5	<0.5	130	1.3	NA	NA	TPHd: 110
	05/29/13	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	08/20/13	9.80	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	5.1[o]	TPHd: 65
	11/14/13	12.80	NC	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	14[o]	TPHd: 64
	02/06/14	11.37	NC	<0.50	<0.50	<0.50	<0.50	130	2.1	NA	NA	TPHd: 120
	04/09/14	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/05/14	11.44	NC	<0.50	<0.50	<0.50	<0.50	120	2.0	NA	NA	TPHd: 62
	12/02/14	10.25	NC	<0.50	<0.50	<0.50	<0.50	140	2.5	NA	NA	TPHd: <50
	02/17/15	5.16	NC	1.4	<0.50	2.9	0.52	1,900	<0.50	NA	NA	TPHd: 720
	4/20/15 - 4/22/15	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/10/15 - 8/12/15	11.98	NC	0.72	0.57	3.3	<0.50	1,990	<0.50	NA	NA	TPHd: 2,010
	12/1/15 - 12/3/15	12.95	NC	<0.50	<0.50	<0.50	<1.0	104	2.5	NA	NA	TPHd: <49.6
	2/1/16 - 2/3/16	5.25	NC	<0.50	<0.50	<0.50	<0.50	58.2	1.8	NA	NA	TPHd: 97.6
	6/13/16 - 6/15/16	7.87	NC	<0.50	<0.50	<0.50	<0.50	104	2.2	NA	NA	TPHd: <49.6
	8/8/16 - 8/10/16	10.14	NC	<0.50	<0.50	<0.50	<1.5	97.0	2.0	NA	NA	TPHd: <98.0
	11/29/16 - 12/01/16	6.83	NC	<0.50	<0.50	<0.50	<1.5	75.3	0.84	NA	NA	TPHd: <101
	2/7/17- 2/9/17	2.36	NC	<0.50	<0.50	<0.50	<1.0	<50	0.6	<0.50	PERC: 15.8, TCE: 5.4, 3.9[c], 1.8[y], 0.5[aa]	TPHd: 245
	6/19/17 - 6/21/17	7.35	NC	<0.5	<0.5	<0.5	<1.0	74.6	3.0	NA	NA	TPHd: <50
	9/5/17 - 9/7/17	10.43	NC	<0.50	<0.50	<0.50	<1.5	66.2	2.1	NA	NA	TPHd:<101
	12/18/17 - 12/20/17	9.61	NC	<0.5	<0.5	<0.5	<1.0	<50.0	1.9	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	7.21	NC	<0.5	<0.5	<0.5	<1.0	<50.0	2.3	NA	NA	TPHd: 452
	05/07/18 - 05/09/18	**6.43**	**NC**	**<0.5**	**1.0**	**<0.5**	**<1.0**	**<50.0**	**<0.5**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Date**	**Depth to Groundwater (ft)[#]**	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-12B 140.76	02/22/12	7.76	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: 54
	05/15/12	6.52	134.24	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: <50, N: 4.9
	08/28/12	11.51	129.25	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: <50
	11/20/12	8.32	132.44	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: 55
	02/05/13	6.01	134.75	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: 83
	05/29/13	9.41	131.35	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: <50
	08/20/13	10.80	129.96	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: 64
	11/14/13	12.62	128.14	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 57
	02/06/14	12.30	128.46	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 110
	04/09/14	5.05	135.71	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	08/05/14	11.32	129.44	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	14[o]	TPHd: 910
	12/03/14	9.35	131.41	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	16[o]	TPHd: 78
	02/16/15	5.74	135.02	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	4/20/15 - 4/22/15	8.25	132.51	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50/<53.3[**]
	8/10/15 - 8/12/15	11.89	128.87	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	127[n], 34.2[o]	TPHd: 160
	12/1/15 - 12/3/15	12.76	128.00	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	NA	TPHd: <49.1
	2/1/16 - 2/3/16	5.06	135.70	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	9.5[o]	TPHd: <50.7
	6/13/16 - 6/15/16	7.82	132.94	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: 55.8
	8/8/16 - 8/10/16	10.10	130.66	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <98.4
	11/29/16 - 12/01/16	6.82	133.94	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <99.2
	2/7/17- 2/9/17	2.35	138.41	<0.50	<0.50	<0.50	<1.5	53.4	<0.50	<0.50	1.6[c], 1.1[d], 0.6[q], 1.0[y], 0.6[z]	TPHd: 210
	6/19/17 - 6/21/17	7.37	133.39	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9/5/17 - 9/7/17	10.33	130.43	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <99.8
	12/18/17 - 12/20/17	9.52	131.24	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	7.14	133.62	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50.0
	05/07/18 - 05/09/18	**5.78**	**134.98**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**0.5**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-13B	02/22/12	7.48	NM	22	57	66	400	3,200	1.9	NA	NA	TPHd: <600
140.64	05/15/12	6.23	134.41	<0.5	<0.5	<0.5	0.69	<50	1.8	NA	NA	TPHd:<50
	08/28/12	11.01	129.63	<0.5	<0.5	<0.5	<0.5	<50	1.0	NA	NA	TPHd:<50
	11/20/12	10.75	129.89	<0.5	<0.5	<0.5	<0.5	<50	17	NA	NA	TPHd: 60
	02/05/13	5.70	134.94	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: 110
	05/29/13	9.02	131.62	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: <50
	08/20/13	10.85	129.79	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: 94
	11/14/13	12.31	128.33	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 210
	02/06/14	11.93	128.71	8.8	0.54	<0.50	7.9	160	9.8	NA	NA	TPHd: 100
	04/09/14	4.78	135.86	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: <50
	08/05/14	11.02	129.62	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 130
	12/03/14	10.49	130.15	<0.50	<0.50	<0.50	<0.50	<50	5.3	NA	NA	TPHd: <50
	02/17/15	5.25	135.39	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 51
	4/20/15 - 4/22/15	8.05	132.59	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50/<53.3[**]
	8/10/15 - 8/12/15	11.59	129.05	<0.50	<0.50	<0.50	<0.50	<50	0.62	NA	NA	135[n], TPHd: <50
	12/1/15 - 12/3/15	12.51	128.13	<0.50	<0.50	<0.50	<0.50	<50	0.61	NA	NA	TPHd: <48.7
MW-13B	2/1/16 - 2/3/16	4.90	135.74	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	11.8[o]	TPHd: 56.2
140.64	6/13/16 - 6/15/16	7.51	133.13	<0.50	<0.50	<0.50	<0.50	<50	0.61	NA	NA	TPHd: 62.7
	8/8/16 - 8/10/16	9.75	130.89	<0.50	<0.50	<0.50	<1.5	<50	0.70	NA	NA	TPHd: <96.7
	11/29/16 - 12/01/16	6.50	134.14	<0.50	<0.50	<0.50	<1.5	<50	0.68	NA	NA	TPHd: <100
	2/7/17- 2/9/17	1.98	138.66	<0.50	<0.50	<0.50	<1.5	<50	0.60	<0.50	5.7[d], 0.6[z]	TPHd: <217
	6/19/17 - 6/21/17	7.00	133.64	<0.5	<0.5	<0.5	1.8	<50	<0.5	NA	NA	TPHd: <50
	9/5/17 - 9/7/17	10.04	130.60	<0.50	<0.50	<0.50	<1.5	<50	0.56	NA	NA	TPHd: <102
	12/18/17 - 12/20/17	9.25	131.39	<0.5	0.8	<0.5	2.2	<50.0	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	6.80	133.84	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50.0
	05/07/18 - 05/09/18	**5.44**	**135.20**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-16A	02/22/12	7.86	NM	12	0.70	1.6	6.3	1,900	<0.50	NA	NA	TPHd: <800
141.21	05/15/12	6.62	134.59	42	2.8	30	5.0	4,100	<0.50	NA	NA	TPHd:<2,000, N:<0.10
	08/28/12	11.73	129.48	64	4.1	28	4.0	5,400	<0.90	NA	NA	TPHd: <2,000
	11/20/12	10.54	130.67	61	2.2	6.3	1.4	4,400	<0.50	NA	NA	TPHd: <2,000
	02/05/13	6.20	135.01	48	2.8	19	3.1	3,900	<0.50	NA	NA	TPHd: <1,500
	05/29/13	9.45	131.76	49	3.2	23	4.1	5,000	<0.50	NA	NA	TPHd: 1,800
	08/20/13	11.29	129.92	49	3.5	21	3.7	5,800	<0.90	NA	NA	TPHd: 1,600
	11/14/13	12.97	128.24	65	3.6	11	2.9	5,400	<0.90	NA	NA	TPHd: 2,100
	02/06/14	12.70	128.51	42	1.4	4.0	1.6	3,900	<0.50	NA	NA	TPHd: 940
	04/09/14	5.50	135.71	33	1.6	5.9	1.8	4,600	<0.50	NA	NA	TPHd: 970
	08/05/14	11.40	129.81	41	2.2	21	2.4	4,700	<0.50	NA	NA	TBA:7.0. TPHd: 1,400
	12/03/14	9.86	131.35	15	<0.50	2.7	0.79	2,800	<0.50	NA	NA	TBA:6.3. TPHd: 1,200
	02/17/15	6.04	135.17	19	1.2	6.9	1.0	4,900	<0.50	NA	NA	TBA:7.1. TPHd: 1,300
	4/20/15 - 4/22/15	8.51	132.70	20.6	1.4	12.3	2.3	4,380	<0.5	NA	NA	TPHd: 2,010/1,260**
	8/10/15 - 8/12/15	11.98	129.23	20.5	1.2	7.8	1.0	3,730	<0.50	NA	111[n]	TBA: 7.8. TPHd: 1,120
	12/1/15 - 12/3/15	13.13	128.08	7.5	<0.50	1.8	<1.0	3,170	<0.50	NA	NA	TPHd: 544
	2/1/16 - 2/3/16	5.62	135.59	5.3	0.56	1.5	<1.0	2,280	<0.50	NA	13.1[o]	TPHd: 776
	6/13/16 - 6/15/16	7.73	133.48	10.0	1.5	8.7	1.8	4,340	<0.50	NA	NA	TPHd: 628
	8/8/16 - 8/10/16	9.92	131.29	13.4	2.0	11.2	2.2	5,030	<0.50	NA	NA	TPHd: 1,610
	11/29/16 - 12/01/16	6.98	134.23	9.2	1.1	4.1	<1.5	4,200	<0.50	NA	NA	TPHd: 1,780
	2/7/17-2/9/17	3.29	137.92	<0.50	<0.50	<0.50	<1.5	1,470	<0.50	<0.50	0.5[r], 4.1[t], 0.7[v]	TPHd: 4.1
	6/19/17 - 6/21/17	7.29	133.92	9.3	1.3	6.0	1.6	2,680	<0.5	NA	NA	TPHd: 1,190
	9/5/17 - 9/7/17	10.22	130.99	7.3	1.2	5.2	<1.5	4,960	<0.50	NA	NA	TPHd: 1,560
	12/18/17 - 12/20/17	9.55	131.66	6.4	1.0	2.8	1.7	2,100	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	7.29	133.92	3.9	0.6	1.9	1.5	2,630	<0.5	NA	NA	TPHd: 1,370
	05/07/18 - 05/09/18	**6.00**	**135.21**	**3.2**	**<0.5**	**1.5**	**<1.0**	**2,280**	**<0.5**	**NA**	**NA**	**TPHd: <50.0**
MW-16B	02/22/12	8.09	NM	0.60	0.58	<0.50	58	2,300	0.60	NA	NA	TPHd: <600
141.17	05/15/12	6.98	134.19	<0.5	<0.5	<0.5	<0.5	130	0.77	NA	NA	TPHd:<200, N:2.7
	08/28/12	12.41	128.76	<0.5	<0.5	<0.5	<0.5	140	0.62	NA	NA	TPHd:<100
	11/20/12	10.51	130.66	<0.5	<0.5	<0.5	<0.5	80	<0.5	NA	NA	TPHd:<50
	02/05/13	6.44	134.73	<0.5	<0.5	<0.5	<0.5	64	<0.5	NA	NA	TPHd: 77
	05/29/13	9.79	131.38	<0.5	<0.5	<0.5	<0.5	60	<0.5	NA	NA	TPHd: <50
	08/20/13	11.64	129.53	<0.5	<0.5	<0.5	<0.5	60	<0.5	NA	NA	TPHd: 92
	11/14/13	13.06	128.11	<0.50	<0.50	<0.50	<0.50	<50	<0.5	NA	NA	TPHd: 140
	02/06/14	12.68	128.49	<0.50	<0.50	<0.50	<0.50	77	<0.5	NA	NA	TPHd: 56
	04/09/14	5.88	135.29	<0.50	<0.50	<0.50	<0.50	74	0.56	NA	NA	TPHd: <50
	08/05/14	11.80	129.37	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 81
	12/03/14	9.54	131.63	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 61
	02/17/15	6.02	135.15	<0.50	<0.50	<0.50	<0.50	57	<0.50	NA	NA	TPHd: <50
	4/20/15 - 4/22/15	8.80	132.37	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	12.35	128.82	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	150[n]	TPHd: 87.8
	12/1/15 - 12/3/15	13.29	127.88	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	NA	TPHd: <49.4
	2/1/16 - 2/3/16	5.60	135.57	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	9.8[o]	TPHd: 61.5
	6/13/16 - 6/15/16	8.21	132.96	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <49.2

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-16B	8/8/16 - 8/10/16	10.47	130.70	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <97.6
141.17	11/29/16 - 12/01/16	7.16	134.01	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <99
	2/7/17- 2/9/17	2.69	138.48	<0.50	<0.50	<0.50	<1.5	<50	<0.50	<0.50	5.1[c], 10.2[d], 5.7[e], 0.8[y]	TPHd: 211
	6/19/17 - 6/21/17	7.71	133.46	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9-5-17 - 9/7/17	10.80	130.37	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <102
	12/18/17 - 12/20/17	9.98	131.19	<0.5	<0.5	<0.5	<1.0	<50.0	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	7.53	133.64	<0.5	<0.5	<0.5	<1.0	<50	<50	NA	NA	TPHd: <50.0
	05/07/18 - 05/09/18	**6.19**	**134.98**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<50**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-17A	02/22/12	7.68	NM	5.8	0.60	1.2	0.66	1,900	<0.50	NA	NA	TPHd: <1,500
141.68	05/15/12	5.96	135.72	2.3	0.53	0.73	<0.50	2,100	<0.50	NA	NA	TPHd<1,500
	08/28/12	10.99	130.69	5.7	0.61	0.76	<0.50	1,800	<0.50	NA	NA	TPHd<1,000
	11/20/12	10.91	130.77	<0.5	<0.5	<0.5	<0.5	1,000	<0.5	NA	NA	TPHd<500
	02/05/13	5.61	136.07	<0.5	<0.5	2.3	<0.5	1,800	<0.5	NA	NA	TPHd<1,000
	05/29/13	9.48	132.20	<0.5	<0.5	<0.5	<0.5	760	<0.5	NA	NA	TPHd: 350
	08/20/13	11.04	130.64	2.3	0.60	0.83	<0.5	1,700	<0.5	NA	NA	TPHd: 780
	11/14/13	12.86	128.82	<0.50	<0.50	<0.50	<0.50	440	<0.50	NA	NA	TPHd: 350
	02/06/14	12.87	128.81	<0.50	<0.50	<0.50	<0.50	500	<0.50	NA	NA	TPHd: 170
	04/09/14	5.45	136.23	<0.50	<0.50	1.8	<0.50	1,500	<0.50	NA	NA	TPHd: 760
	08/05/14	11.13	130.55	<0.50	<0.50	<0.50	<0.50	600	<0.50	NA	NA	TPHd: 370
	12/02/14	11.69	129.99	<0.50	<0.50	<0.50	<0.50	220	<0.50	NA	NA	TPHd: 100
	02/17/15	5.82	135.86	<0.50	<0.50	0.58	<0.50	1,000	<0.50	NA	NA	TPHd: 360
	4/20/15 - 4/22/15	8.36	133.32	<0.5	<0.5	<0.5	<1.0	569	<0.5	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	11.00	130.68	<0.50	<0.50	<0.50	<1.0	544	<0.50	NA	NA	TPHd: 212
	12/1/15 - 12/3/15	12.78	128.90	<0.50	<0.50	<0.50	<1.0	216	<0.50	NA	NA	TPHd: 92.6
	2/1/16 - 2/3/16	5.42	136.26	<0.50	<0.50	<0.50	<1.0	339	<0.50	NA	10.2[o]	TPHd: 308
	6/13/16 - 6/15/16	7.19	134.49	<0.50	<0.50	<0.50	<1.5	222	<0.50	NA	5.5[o]	TPHd: 141
	8/8/16 - 8/10/16	8.90	132.78	<0.50	<0.50	<0.50	<1.5	292	<0.50	NA	NA	TPHd: 171
	11/29/16 - 12/01/16	6.77	134.91	<0.50	<0.50	<0.50	<1.5	178	<0.50	NA	NA	TPHd: 164
	2/7/17-2/9/17	3.88	137.80	<0.50	<0.50	<0.50	<1.5	412	<0.50	<0.50	1.0[c], 2.2[p], 4.7[q], 1.8[r], 1.7[s], 1.3[t], 2.9[v]	TPHd: 235
	6/19/17 - 6/21/17	6.75	134.93	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9-5-17 - 9/7/17	9.65	132.03	<0.50	<0.50	<0.50	<1.5	293	<0.50	NA	NA	TPHD: 255
	12/18/17 - 12/20/17	9.15	132.53	<0.5	<0.5	<0.5	<1.0	88.6	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	7.03	134.65	<0.5	<0.5	<0.5	<1.0	102	<0.5	NA	NA	TPHd: 120
	05/07/18 - 05/09/18	**5.48**	**136.20**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**184**	**<0.5**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-17B 141.71	02/22/12	8.53	NM	<0.50	<0.50	<0.50	<0.50	61	0.66	NA	NA	TPHd: <50
	05/15/12	7.29	134.42	<0.50	<0.50	<0.50	<0.50	60	<0.50	NA	NA	TPHd: 64
	08/28/12	12.01	129.70	<0.50	<0.50	<0.50	<0.50	66	<0.50	NA	NA	TPHd: 95
	11/20/12	11.02	130.69	<0.5	<0.5	<0.5	<0.5	59	<0.5	NA	NA	TPHd: 84
	02/05/13	6.79	134.92	<0.5	<0.5	<0.5	<0.5	59	<0.5	NA	NA	TPHd: 89
	05/29/13	10.12	131.59	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd: <50
	08/20/13	11.99	129.72	<0.5	<0.5	<0.5	<0.5	52	<0.5	NA	NA	TPHd: 56
	11/14/13	13.38	128.33	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 160
	02/06/14	13.03	128.68	<0.50	<0.50	<0.50	<0.50	50	<0.50	NA	NA	TPHd: 110
	04/09/14	5.87	135.84	<0.50	<0.50	<0.50	<0.50	55	<0.50	NA	NA	TPHd: 53
	08/05/14	12.10	129.61	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 130
	12/02/14	11.64	130.07	<0.50	<0.50	<0.50	<0.50	52	<0.50	NA	NA	TPHd: 51
	02/17/15	6.38	135.33	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 54
	4/20/15 - 4/22/15	9.15	132.56	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	12.63	129.08	<0.50	<0.50	<0.50	<1.0	67.8	<0.50	NA	NA	TPHd: 113
	12/1/15 - 12/3/15	13.59	128.12	<0.50	<0.50	<0.50	<1.0	51	<0.50	NA	13.4[o]	TPHd: <49.1
	2/1/16 - 2/3/16	5.95	135.76	<0.50	<0.50	<0.50	<1.0	<50	<0.50	NA	11.6[o]	TPHd: <50.1
	6/13/16 - 6/15/16	8.60	133.11	<0.50	<0.50	<0.50	<1.5	60.4	<0.50	NA	NA	TPHd: <49.2
	8/8/16 - 8/10/16	10.88	130.83	<0.50	<0.50	<0.50	<1.5	71.3	0.57	NA	NA	TPHd: <98.7
	11/29/16 - 12/01/16	7.60	134.11	<0.50	<0.50	<0.50	<1.5	<50	<0.50	NA	NA	TPHd: <100
	2/7/17-2/9/17	3.08	138.63	<0.50	<0.50	<0.50	<1.5	<50	<0.50	<0.50	11.6[c], 13.3[d], 8.6[e], 0.6[y]	TPHd: 212
	6/19/17 - 6/21/17	8.10	133.61	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50
	9-5-17 - 9/7/17	11.10	130.61	<0.50	<0.50	<0.50	<1.5	59.1	0.70	NA	NA	TPHd: <104
	12/18/17 - 12/20/17	10.42	131.29	<0.5	<0.5	<0.5	<1.0	<50.0	0.60	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	7.94	133.77	<0.5	<0.5	<0.5	<1.0	<50	<0.5	NA	NA	TPHd: <50.0
	05/07/18 - 05/09/18	**6.58**	**135.13**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<50**	**<0.5**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-18A	02/22/12	7.82	NM	390	11	280	95	8,700	<0.50	NA	NA	TPHd: <1,500
142.18	05/15/12	5.94	136.24	26	0.56	9.0	2.7	1,800	<0.50	NA	NA	TPHd: <800, N:<0.10
	08/28/12	11.23	130.95	11	<0.5	7.1	3.2	3,300	<0.50	NA	NA	TPHd: <1,500
	11/20/12	10.75	131.43	990	28	370	160	14,000	1.3	NA	NA	TPHd:<3,000, TBA:9.1
	02/05/13	5.99	136.19	380	9.2	96	27	7,400	0.55	NA	NA	TPHd:<1,500, TBA: 5.7
	05/29/13	9.12	133.06	360	9.5	130	36	8,000	<1.5	NA	NA	TPHd: 1,500
	08/20/13	11.22	130.96	21	<0.5	9.8	2.4	4,300	<0.5	NA	NA	TPHd: 1,200
	11/14/13	13.52	128.66	540	8.3	50	9.2	7,000	1.9	NA	NA	TPHd: 2,800
	02/06/14	12.96	129.22	1,100	25	230	60	14,000	2.1	NA	NA	TBA:15, TPHd: 2,000
	04/09/14	6.04	136.14	340	6.1	67	9.6	5,700	<0.5	NA	NA	TBA:5.4, TPHd: 1,300
	08/05/14	11.35	130.83	360	8.4	92	27	7,000	<1.5	NA	NA	TBA: 9.0, TPHd: 2,500
	12/03/14	10.62	131.56	1,000	30	230	72	12,000	1.7	NA	NA	TBA: 10, TPHd: 2,200
	02/17/15	6.18	136.00	110	2.4	19	4.6	2,500	<0.50	NA	NA	TBA: 13, TPHd: 940
	4/20/15 - 4/22/15	8.44	133.74	537	14.6	148	27.7	6,670	<0.5	NA	NA	TPHd: 1,770/1,090**
	8/10/15 - 8/12/15	12.02	130.16	82.9	2.2	8.9	3.3	1,650	<0.50	NA	268[n]	TPHd: 717
	12/1/15 - 12/3/15	13.33	128.85	101	2.9	1.7	2.0	776	0.95	NA	16.7[o]	TPHd: 189
	2/1/16 - 2/3/16	5.89	136.29	1.1	<0.50	<0.50	<1.0	168	<0.50	NA	10.1[o]	TPHd: 109
	6/13/16 - 6/15/16	7.60	134.58	2.6	<0.50	1.8	<1.5	416	<0.50	NA	NA	TPHd: 120
	8/8/16 - 8/10/16	9.63	132.55	99.1	3.0	32.2	4.5	3,870	<0.50	NA	NA	TPHd: 1,220
	11/29/16 - 12/01/16	6.78	135.40	<0.50	<0.50	<0.50	<1.5	111	<0.50	NA	NA	TPHd: <98.6
	2/7/17- 2/9/17	6.18	136.00	1.1	<0.50	0.6	<1.5	139	<0.50	<0.50	0.6[p], 1.7[q]	TPHd: 242
	6/19/17 - 6/21/17	7.31	134.87	<0.5	<0.5	<0.5	<1.0	120	<0.5	NA	NA	TPHd: 298
	9-5-17 - 9/7/17	10.81	131.37	57.4	2.0	9.1	1.8	1,860	<0.50	NA	NA	TPHd: 661
	12/18/17 - 12/20/17	9.80	132.38	501	17.3	99.2	24.1	8,640	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	7.59	134.59	176	6.4	35.1	9.1	3,050	<0.5	NA	NA	TPHd: 1,200
	05/07/18 - 05/09/18	**6.05**	**136.13**	**11.7**	**<0.5**	**2.7**	**<1.0**	**277**	**<0.5**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-19A	02/22/12	7.52	NM	0.91	6.4	48	22	3,800	<0.50	NA	NA	TPHd: <1,000
141.36	05/15/12	5.86	135.50	0.72	3.7	47	14	3,600	<0.50	NA	NA	TPHd: <800, N:<0.10
	08/28/12	10.88	130.48	0.88	1.8	6.1	2.9	2,200	<0.50	NA	NA	TPHd: <400
	11/20/12	11.02	130.34	0.70	3.7	15	13	4,100	<0.50	NA	NA	TPHd: <1,500
	02/05/13	6.25	135.11	0.87	6.4	78	25	4,300	<0.50	NA	NA	TPHd: <1,500
	05/29/13	9.07	132.29	0.66	2.2	23	9.7	3,800	<0.50	NA	NA	TPHd: 540
	08/20/13	10.22	131.14	0.72	1.1	5.3	3.9	2,000	<0.50	NA	NA	TPHd: 380
	11/14/13	12.22	129.14	0.57	3.9	8.3	15	3,800	<0.50	NA	NA	TPHd: 1,200
	02/06/14	12.45	128.91	<0.50	1.4	2.1	3.2	3,000	<0.50	NA	NA	TPHd: 490
	04/09/14	5.83	135.53	0.88	6.2	77	19	4,400	<0.50	NA	NA	TPHd: 720
	08/05/14	11.10	130.26	0.65	4.1	40	16	4,900	<0.50	NA	NA	TPHd: 76
	12/03/14	10.74	130.62	<0.50	<0.50	<0.50	<0.50	520	<0.50	NA	NA	TPHd: 120
	02/17/15	5.68	135.68	0.96	7.1	83	25	7,600	<0.50	NA	NA	TPHd: 780
	4/20/15 - 4/22/15	7.91	133.45	1.5	7.0	70.4	29.7	5,250	<0.5	NA	NA	TPHd:1,200/470**
	8/10/15 - 8-12-15	10.60	130.76	0.76	5.2	13.2	15.0	4,800	<0.50	NA	85.5[n], 13.0[o]	TPHd: 1,210
	12/1/15 - 12/3/15	12.12	129.24	<0.50	1.4	1.5	3.1	2,160	<0.50	NA	10.6[o]	TPHd: 525
	2/1/16 - 2/3/16	5.53	135.83	<0.50	1.9	5.7	3.6	2,260	<0.50	NA	12.7[o]	TPHd: 619
	6/13/16 - 6/15/16	6.04	135.32	<0.50	<0.50	1.8	<1.5	490	<0.50	NA	NA	TPHd: 118
	8/8/16 - 8/10/16	8.42	132.94	<0.50	<0.50	<0.50	<1.5	993	<0.50	NA	NA	TPHd: 161
	11/29/16 - 12/01/16	6.39	134.97	<0.50	<0.50	<0.50	<1.5	153	<0.50	NA	NA	TPHd: 103
	2/7/17- 2/9/17	3.59	137.77	<0.50	<0.50	2.1	<1.5	474	<0.50	<0.50	1.6[c], 3.0[p], 6.6[q], 1.1[r], 1.0[s], 1.1[t], 1.8[v]	TPHd: 218
	6/19/17 - 6/21/17	6.18	135.18	<0.5	<0.5	0.5	<1.0	131	<0.5	NA	NA	TPHd: 280
	9-5-17 - 9/7/17	8.86	132.50	<0.50	<0.50	<0.50	<1.5	551	<0.50	NA	NA	TPHd: 212
	12/18/17 - 12/20/17	8.52	132.84	<0.5	<0.5	<0.5	<1.0	101	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	6.89	134.47	0.5	<0.5	<0.5	<1.0	71	<0.5	NA	NA	TPHd: <50.0
	05/07/18 - 05/09/18	**5.37**	**135.99**	**<0.5**	**<0.5**	**1.0**	**<1.0**	**291**	**<0.5**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-20A	02/22/12	7.59	NM	0.59	<0.50	<0.50	<0.50	430	<0.50	NA	NA	TPHd: <200
141.62	05/15/12	5.83	135.79	<0.50	<0.50	<0.50	<0.50	540	<0.50	NA	NA	TPHd: <300, N:<0.10
	08/28/12	11.21	130.41	<0.50	<0.50	<0.50	<0.50	410	<0.50	NA	NA	TPHd: <300
	11/20/12	10.55	131.07	<0.50	<0.50	<0.50	<0.50	530	<0.50	NA	NA	TPHd: <300
	02/05/13	5.51	136.11	<0.50	<0.50	<0.50	<0.50	340	<0.50	NA	NA	TPHd: <200
	05/29/13	8.99	132.63	<0.50	<0.50	<0.50	<0.50	350	<0.50	NA	NA	TPHd: 200
	08/20/13	11.00	130.62	<0.50	<0.50	<0.50	<0.50	370	<0.50	NA	NA	TPHd: 170
	11/14/13	12.72	128.90	1.5	<0.50	<0.50	<0.50	670	<0.50	NA	NA	TPHd: 360
	02/06/14	12.53	129.09	3.7	<0.50	<0.50	<0.50	650	<0.50	NA	NA	TPHd: 180
	04/09/14	5.22	136.40	<0.50	<0.50	<0.50	<0.50	540	<0.50	NA	NA	TPHd: 220
	08/05/14	11.13	130.49	<0.50	<0.50	<0.50	<0.50	310	<0.50	NA	NA	TPHd: 190
	12/03/14	10.92	130.70	<0.50	1.3	3.4	3.8	2,300	<0.50	NA	NA	TPHd: 230
	02/17/15	5.69	135.93	<0.50	<0.50	<0.50	<0.50	660	<0.50	NA	NA	TPHd: 220
	4/20/15 - 4/22/15	8.11	133.51	<0.5	<0.5	<0.5	<1.0	743	<0.5	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	11.13	130.49	<0.50	<0.50	<0.50	<1.0	572	<0.50	NA	69.1[n], 7.8[o]	TPHd: 178
	12/1/15 - 12/3/15	12.48	129.14	1.0	<0.50	<0.50	<1.0	697	<0.50	NA	NA	TPHd: 239
	2/1/16 - 2/3/16	5.23	136.39	<0.50	<0.50	<0.50	<1.0	818	<0.50	NA	12.3[o]	TPHd: 279
	6/13/16 - 6/15/16	6.96	134.66	<0.50	<0.50	<0.50	<1.5	360	<0.50	NA	NA	TPHd: 142
	8/8/16 - 8/10/16	8.95	132.67	<0.50	<0.50	<0.50	<1.5	1,210	<0.50	NA	NA	TPHd: 305
	11/29/16 - 12/01/16	6.59	135.03	<0.50	<0.50	<0.50	<1.5	510	<0.50	NA	NA	TPHd: 280
	2/7/17- 2/9/17	3.57	138.05	<0.50	<0.50	<0.50	<1.5	478	<0.50	<0.50	0.9[r], 0.5[t], 2.6[v]	TPHd: 223
	6/19/17 - 6/21/17	6.53	135.09	<0.5	<0.5	<0.5	<1.0	66.9	<0.5	NA	NA	TPHd: 246
	9-5-17 - 9/7/17	9.36	132.26	<0.50	<0.50	<0.50	<1.5	731	<0.50	NA	NA	TPHd: 391
	12/18/17 - 12/20/17	9.08	132.54	<0.5	<0.5	<0.5	<1.0	473	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	6.94	134.68	<0.5	<0.5	<0.5	<1.0	494	<0.5	NA	NA	TPHd: 289
	05/07/18 - 05/09/18	**6.12**	**135.50**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**241**	**<0.5**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-21A	02/22/12	7.33	NM	12	2.2	58	450	8,800	<1.5	NA	NA	TPHd: <2,000
142.68	05/15/12	6.29	136.39	7.1	0.89	55	63	2,500	<0.50	NA	NA	TPHd:<600, N:1.7
	08/28/12	10.27	132.41	83	6.0	400	490	6,500	<0.50	NA	NA	TPHd: <2,000
	11/20/12	9.65	133.03	120	11	260	530	11,000	<2.0	NA	NA	TPHd: <6,000
	02/05/13	6.10	136.58	5.0	0.62	39	39	1,200	<0.50	NA	NA	TPHd: <200
	05/29/13	8.54	134.14	2.0	<0.50	7.2	4.7	380	<0.50	NA	NA	TPHd: 110
	08/20/13	10.03	132.65	89	7.9	250	320	6,300	<0.50	NA	NA	TPHd: 2,300
	11/14/13	11.53	131.15	46	3.9	34	33	3,000	<0.50	NA	NA	TPHd: 1,100
	02/06/14	11.70	130.98	120	18	340	1,000	15,000	<0.50	NA	NA	TBA: 25, TPHd: 5,000
	04/09/14	5.66	137.02	2.0	<0.50	7.4	7.6	810	<0.50	NA	NA	TPHd: 200
	08/05/14	10.15	132.53	5.7	0.89	34	42	1,500	<0.50	NA	NA	TPHd: 570
	12/03/14	10.41	132.27	20	4.3	95	370	6,700	<0.50	NA	NA	TBA: 10, TPHd: 3,200
	02/17/15	5.96	136.72	<0.50	<0.50	<0.50	<0.50	170	<0.50	NA	NA	TPHd: <50
	4/20/15 - 4/22/15	7.85	134.83	0.7	<0.5	4.2	3.2	627	<0.5	NA	NA	TPHd: <50/<53.3**
	8/10/15 - 8/12/15	10.93	131.75	3.0	<0.50	8.8	5.1	651	<0.50	NA	233[n]	,TPHd: 292
	12/1/15 - 12/3/15	12.25	130.43	3.7	<0.50	1.3	<1.0	433	<0.50	NA	NA	TPHd: 165
	2/1/16 - 2/3/16	5.79	136.89	1.1	<0.50	1.7	1.4	407	<0.50	NA	NA	TPHd: 151
	6/13/16 - 6/15/16	7.55	135.13	1.3	<0.50	0.61	<1.5	169	<0.50	NA	NA	TPHd: 59.3
	8/8/16 - 8/10/16	8.95	133.73	<0.50	<0.50	1.5	<1.5	275	<0.50	NA	NA	TPHd: 97.9
	11/29/16 - 12/01/16	7.01	135.67	<0.50	<0.50	1.2	<1.5	439	<0.50	NA	NA	TPHd: 225
	2/7/17- 2/9/17	3.94	138.74	<0.50	<0.50	<0.5	<1.5	<50	<0.50	<0.50	0.8[aa]	TPHd: 256
	6/19/17 - 6/21/17	7.21	135.47	<0.5	<0.5	<0.5	<1.0	402	<0.5	NA	NA	TPHd: <50
	9-5-17 - 9/7/17	9.79	132.89	<0.50	<0.50	<0.50	<1.5	81.3	<0.50	NA	NA	TPHd: <100
	12/18/17 - 12/20/17	9.15	133.53	0.7	<0.5	0.6	<1.0	820	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	7.20	135.48	<0.5	<0.5	<0.5	<1.0	774	<0.5	NA	NA	TPHd: <50.0
	05/07/18 - 05/09/18	**6.09**	**136.59**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**195**	**<0.5**	**NA**	**NA**	**TPHd: <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-22A	02/22/12	6.91	NM	34	<2.0	150	910	8,400	<2.0	NA	NA	TPHd: <2,000
141.25	05/15/12	6.71	134.54	21	<0.90	150	380	7,300	<0.90	NA	NA	TPHd:<3,000
	08/28/12	9.92	131.33	12	0.52	9.5	39	2,700	<0.50	NA	NA	TPHd:<1,500
	11/20/12	9.45	131.80	92	0.69	110	480	7,100	1.4	NA	NA	TPHd:<3,000
	02/05/13	5.50	135.75	32	<0.50	170	640	7,900	1.2	NA	NA	TPHd:<3,000
	05/29/13	7.72	133.53	14	0.54	21	97	3,500	<0.50	NA	NA	TPHd: 1,400
	08/20/13	9.70	131.55	13	<0.50	8.5	61	1,900	<0.50	NA	NA	TPHd: 1,200
	11/14/13	11.74	129.51	18	0.55	12	79	3,000	0.74	NA	NA	TPHd: 1,400
	02/06/14	11.32	129.93	40	0.55	18	73	3,500	1.3	NA	NA	TPHd: 1,100
	04/09/14	5.10	136.15	49	1.0	190	450	7,000	1.2	NA	NA	TPHd: 2,000, TBA: 7.3
	08/05/14	9.78	131.47	17	<0.50	22	80	3,700	<0.50	NA	NA	TPHd: 2,200
	12/03/14	10.46	130.79	62	0.62	120	330	4,200	0.89	NA	NA	TPHd: 1,300
	02/17/15	5.35	135.90	22	<0.90	72	260	6,700	<0.90	NA	NA	TPHd: 1,500
	4/20/15 - 4/22/15	7.05	134.20	26.7	0.6	98.7	324	5,150	<0.5	NA	NA	TPHd: 1,860/945**
	8/10/15 - 8/12/15	10.90	130.35	23.3	0.58	29.0	139	4,040	0.54	NA	NA	TPHd: 1,310
	12/1/15 - 12/3/15	12.31	128.94	12.3	<0.50	5.8	5.3	2,290	0.60	NA	NA	TPHd: 1,100
	2/1/16 - 2/3/16	5.18	136.07	12.9	0.60	24.9	117	2,520	<0.50	NA	NA	TPHd: 1,170
	6/13/16 - 6/15/16	6.70	134.55	6.6	<0.50	21.8	72.9	1,850	<0.50	NA	NA	TPHd: 689
	8/8/16 - 8/10/16	8.80	132.45	6.4	<0.50	30.1	109	2,760	<0.50	NA	NA	TPHd: 801
	11/29/16 - 12/01/16	6.16	135.09	10.8	<0.50	35.4	126	2,630	<0.50	NA	NA	TPHd: 1080
	2/7/17-2/9/17	3.43	137.82	<0.50	<0.50	5.3	19.4	172	<0.50	<0.50	0.8[p], 1.9[q], 17.0[x], 4.7[t], 0.5[aa]	TPHd: 248
	6/19/17 - 6/21/17	6.36	134.89	6.4	<0.5	54.0	234	1,620	<0.5	NA	NA	TPHd: 1,010
	9-5-17 - 9/7/17	9.04	132.21	3.3	<0.50	22.1	85.1	2,460	<0.50	NA	NA	TPHd: 1,010
	12/18/17 - 12/20/17	8.37	132.88	6.1	<0.5	15.0	55.7	1,600	<0.5	NA	NA	TPHd: <50.0
	02/07/18 - 02/09/18	6.31	134.94	4.0	<0.5	17.6	71.5	1,280	<0.5	NA	NA	TPHd: 456
	05/07/18 - 05/09/18	**5.38**	**135.87**	**6.7**	**<0.5**	**56.4**	**317**	**4,380**	**<0.5**	**NA**	**NA**	**TPHd; <50.0**

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments

Explanations:

a = Chloromethane
b = Vinyl chloride
c = Cis-1,2-Dichloroethene
d = Tetrachloroethene
e = Trichloroethene
f = 1,1,2 - Trichloroethane
g = 1,1-Dichloroethene
h = 1,1-Dichlorothane
i = 1,1,1-Trichloroethane
j = Trans-1,2-Dichloroethene
k = 1,2-Dichloropropane
l = 1,2-Dichloroethane
m = Tert-butanol
n = Methanol
o = Ethanol
p = Isoproply benzene
q = n-Propylbenzene
r = sec-Butylbenzene
s = n-Butylbenzene
t = Naphthlene
u = 1,3,5-Trimethylbenenze
v = tert-Butylbenenze
w = Chloroethane
x =1,2,4 - Trimethylbenzene
y = Dichlorodifluoromethane
z = Carbon tetrachloride
aa = Carbon disulfide

TPHg =Total petroleum hydrocarbons as gasoline
TPHd = Total petroleum hydrocarbons as diesel
MTBE = Methyl tertiary butyl ether
1,2-DCA = Dichloroethane
ETBE = Ethyl-t-butyl ether
TAME = Tert-amyl methyl ether
TBA = Tert-butanol
DIPE = Diisopropyl ether
N = Nitrate as N
* = Feet relative to mean sea level
**= TPHd Silica Gel Cleanup
= Feet below top of riser
(5'-25') = Depths of screen interval
4" = Well casing diameter
UK = Unknown
ND = Non detect for DIPE, ETBE, TAME, and TBA
-- = Not sampled/analyzed
µg/L = Micrograms per liter
NA = Not Analyzed

Notes:

Original casing elevation is displayed below well name.

Later surveyed elevations are displayed next to the date they were taken.

Table 4
BASELINE GROUNDWATER SAMPLE ANALYTICAL RESULTS "ATTACHMENT A" METALS

Sebastopol Road Commingled Plume Group
760, 805, 921 Sebastopol Road
Santa Rosa, California

Monitoring Well	Date	Aluminum (µg/l)	Antimony (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Manganese (µg/L)	Molybdenum (µg/L)	Nickel (µg/L)	Silver (µg/L)	Vanadium (µg/L)	Zinc (µg/L)	Uranium (µg/L)	Arsenic (µg/L)	Lead (µg/L)	Selenium (µg/L)	Thallium (µg/L)	Mercury (µg/L)
MW-6	2/14/2008	430	<50	200	<5.0	<10	<20	<10	1,600	2,400	<20	<20	<10	<20	56	<5.0	<5.0	<5.0	<5.0	<1.0	<0.0005
	11/19/2013	81,000	<15	1,000	2.1	4.5	81	350	140,000	5,600	17	320	<5.0	360	4,100	<20	18	280	<15	<15	<0.5
	2/26/2014	53,000	<15	110	<1.0	<1.0	56	26	8,600	430	6.3	21	<5.0	21	240	<20	<15	14	<15	<15	<0.5
	9/9/2014	4,300	<15	240	<1.0	<1.0	<5.0	15	14,000	3,900	5.0	18	<5.0	16	190	<5.0	<15	12	<15	<15	<0.5
	5/20/2015	736	<15	69.7	<1.0	<1.0	<5.0	6.2	2,280	385	<5.0	12.4	<5.0	9.0	193	<5.0	<15	5.1	<15	<15	<0.5
	12/9/2015	1,440	<15	67.5	<1.0	<1.0	<5.0	10.1	2,970	184	<5.0	8.6	<5.0	7.4	203	<200	<15	8.8	<15	<15	<0.50
	3/3/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/28/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/7/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/22/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/19/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/18/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/7/2018	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/7/2018	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
MW-8B	2/14/2008	<50	<50	47	<5.0	<10	<20	<10	<100	140	<20	<20	<10	<20	<20	<5.0	<5.0	<5.0	<5.0	<1.0	<0.0005
	11/19/2013	25,000	<15	650	<1.0	1.1	74	36	27,000	8,500	<5.0	110	<5.0	70	84	<20	20	9.7	<15	<15	<0.5
	2/26/2014	<50	<15	55	<1.0	<1.0	<5.0	<5.0	<100	510	<5.0	<5.0	<5.0	<5.0	12	<20	<15	<5.0	<15	<15	<0.5
	9/9/2014	2,700	<15	990	<1.0	<1.0	160	5.4	8,900	34,000	20	110	<5.0	22	22	<5.0	66	<5.0	<15	<15	<0.5
	5/20/2015	110	<15	165	<1.0	<1.0	<5.0	<5.0	603	2,580	<5.0	22.1	<5.0	<5.0	14.3	<5.0	<15	<5.0	<15	<15	<0.5
	12/9/2015	585	<15	272	<1.0	<1.0	22.3	<5.0	2,500	4,680	<5.0	19.2	<5.0	<5.0	10.4	<20	16.9	<5.0	<15	<15	<0.50
	3/3/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/28/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/7/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/22/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/19/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/18/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/7/2018	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/7/2018	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**

Table 4
BASELINE GROUNDWATER SAMPLE ANALYTICAL RESULTS "ATTACHMENT A" METALS

Sebastopol Road Commingled Plume Group
760, 805, 921 Sebastopol Road
Santa Rosa, California

Monitoring Well	Date	Aluminum (µg/l)	Antimony (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Iron (µg/L)	Manganese (µg/L)	Molybdenum (µg/L)	Nickel (µg/L)	Silver (µg/L)	Vanadium (µg/L)	Zinc (µg/L)	Uranium (µg/L)	Arsenic (µg/L)	Lead (µg/L)	Selenium (µg/L)	Thallium (µg/L)	Mercury (µg/L)
MW-11	2/14/2008	280	<50	270	<5.0	<10	<20	<10	2,500	7,700	<20	<20	<10	<20	<20	<5.0	7.6	<5.0	<5.0	<1.0	<0.0005
	11/19/2013	53,000	<15	990	1.3	1.4	30	78	67,000	8,900	5.1	280	<5.0	160	160	<20	20	22	<15	<15	<0.5
	2/26/2014	10,000	<15	440	<1.0	<1.0	61	25	15,000	7,900	<5.0	52	<5.0	32	45	<20	<15	6.1	<15	<15	<0.5
	9/9/2014	28,000	<15	730	<1.0	7	18	50	37,000	8,400	<5.0	150	<5.0	85	85	<5.0	22	12	<15	<15	<0.5
	5/20/2015	2,290	<15	393	<1.0	<1.0	<5.0	12	5,240	7,460	<5.0	15	<5.0	13.7	42.7	<5.0	<15	<5.0	<15	<15	<0.5
	12/9/2015	1,960	<15	428	<1.0	<1.0	<5.0	<5.0	6,210	8,520	<5.0	11.5	<5.0	9.9	14.1	<20	<15	6.0	<15	<15	<5.0
	3/3/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/28/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/7/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/14/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/22/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/19/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/18/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/7/2018	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/7/2018	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**

µg/L = Micrograms per liter
NS = Not Sampled

Table 5
BASELINE GROUNDWATER SAMPLE ANALYTICAL RESULTS "ATTACHMENT A" INORGANIC PARAMATERS

Sebastopol Road Commingled Plume Group
760, 805, 921 Sebastopol Road
Santa Rosa, California

Monitoring Well	Date	Bromate (mg/l)	Bromide (mg/L)	Carbon Dioxide as CO_2 (mg/L)	Hexavalent Chromium (µg/L)	Dissolved Oxygen (mg/L)	COD (mg/L)	ORP (mV)	TDS (mg/L)
MW-6	2/14/2008	<0.10	0.16	88	<1.0	5.3	130	410	230
	11/19/2013	<0.020	<0.50	70	<1.0	1.0	160	580	290
	2/26/2014	<0.020	<0.10	32	<1.0	3.8	44	580	130
	9/9/2014	<0.020	0.18	240	<1.0	5.1	37	440	280
	5/20/2015	<0.020	<0.10	57	<1.0	3.6	150	400	190
	12/9/2015	<0.020	<0.10	14	<1.0	3.5	27	395	92
	3/3/2016	<0.020	NA	NA	<1.0	1.0	62	84	NS
	6/28/2016	<20	NA	NA	<1.0	0.6	<50.0	43.3	197
	9/7/2016	<0.001	NA	NA	<1.0	0.79	<50.0	69.3	241
	11/14/2016	<0.001	NA	NA	<1.0	0.52	<50.0	NM	NM*
	2/22/2017	<0.001	NA	NA	<1.0	1.43	<50.0	60.5	73
	6/19/2017	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/2017	NS	NS	NS	NS	NS	NS	NS	NS
	12/18/2017	NS	NS	NS	NS	NS	NS	NS	NS
	2/7/2018	NS	NS	NS	NS	NS	NS	NS	NS
	5/7/2018	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
MW-8B	2/14/2008	<0.10	<0.10	77	<1.0	2.9	23	410	270
	11/19/2013	<0.020	<0.10	49	<1.0	2.6	<7.0	570	270
	2/26/2014	<0.020	<0.10	60	<1.0	8.4	<7.0	570	260
	9/9/2014	<0.020	<1.0	64	<1.0	5.3	9.8	460	240
	5/20/2015	<0.020	<1.0	51	<1.0	8.2	<7.0	390	240
	12/9/2015	<0.020	0.14	33	<1.0	6.2	13	365	220
	3/3/2016	<0.020	NA	NA	<1.0	1.7	<50	82	NS
	6/28/2016	<20	NA	NA	<1.0	1.5	<50.0	4.8	188
	9/7/2016	<0.001	NA	NA	<1.0	0.75	<50.0	31.4	269
	11/14/2016	<0.001	NA	NA	<1.0	2.06	<50.0	NM	NM*
	2/22/2017	NS	NS	NS	NS	NS	NS	NS	NS
	6/19/2017	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/2017	NS	NS	NS	NS	NS	NS	NS	NS
	12/18/2017	NS	NS	NS	NS	NS	NS	NS	NS
	2/7/2018	NS	NS	NS	NS	NS	NS	NS	NS
	5/7/2018	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**

Table 5
BASELINE GROUNDWATER SAMPLE ANALYTICAL RESULTS "ATTACHMENT A" INORGANIC PARAMATERS

Sebastopol Road Commingled Plume Group
760, 805, 921 Sebastopol Road
Santa Rosa, California

Monitoring Well	Date	Bromate (mg/l)	Bromide (mg/L)	Carbon Dioxide as CO_2 (mg/L)	Hexavalent Chromium (µg/L)	Dissolved Oxygen (mg/L)	COD (mg/L)	ORP (mV)	TDS (mg/L)
MW-11	2/14/2008	<0.10	0.32	170	<1.0	2.4	65	220	480
	11/19/2013	<0.020	<0.50	90	<1.0	1.4	40	510	380
	2/26/2014	<0.020	0.25	130	<1.0	8.4	70	370	460
	9/9/2014	<0.020	0.18	130	<1.0	5.6	43	430	430
	5/20/2015	<0.020	0.21	100	<1.0	4.3	19	300	410
	12/9/2015	<0.020	0.23	100	<1.0	4.9	<7.0	360	450
	3/3/2016	<0.020	NA	NA	<1.0	1.8	<50	111	NS
	6/26/2016	<20	NA	NA	<1.0	1.22	<50.0	44.5	342
	9/7/2016	<0.001	NA	NA	<1.0	0.74	57.0	52.7	442
	11/14/2016	<0.001	NA	NA	<1.0	1.27	<50.0	NM	NM*
	2/22/2017	<0.002	NA	NA	2.2	3.10	<50.0	65.1	907
	6/19/2017	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/2017	NS	NS	NS	NS	NS	NS	NS	NS
	12/18/2017	NS	NS	NS	NS	NS	NS	NS	NS
	2/7/2018	NS	NS	NS	NS	NS	NS	NS	NS
	5/7/2018	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**

mg/L = Milligrams per liter
µg/L = Micrograms per liter
COD = Chemical Oxidation Demand
ORP = Oxidation Reduction Potential
TDS = Total dissolved solids
NS = Not Sampled
* = Lab ran the sample for TSS not TSD (lab mistake)

TABLE 6

VAPOR POINT SOIL SAMPLE ANALYTICAL RESULTS

Sebastopol Road Commingled Plume
Santa Rosa, California

805 SEBASTOPOL ROAD

Sample ID	Date Sampled	Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	TPHg (mg/kg)	TPHd (mg/kg)	Naphthalene
VP-1-5'	05/14/15	5.0	<0.005	<0.005	<0.005	<0.01	<1.0	10.7	<5.0
VP-2-5'	05/14/15	5.0	<0.005	<0.005	<0.005	<0.01	<1.0	11.4	<5.0
VP-3-5'	05/14/15	5.0	<0.005	<0.005	<0.005	<0.01	<1.0	15.4	<5.0
VP-4-5'	05/14/15	5.0	<0.005	<0.005	<0.005	<0.01	<1.0	1.2	<5.0

TPHg = Total petroleum hydrocarbons as gasoline.
TPHd = Total petroleum hydrocarbons as diesel.
mg/kg = milligrams per kilogram

TABLE 7
SOIL GAS MONITORING WELLS SAMPLING ANALYTICAL RESULTS

Sebastopol Road Commingled Plume Group
805 Sebastopol Road
Santa Rosa, California

Sample ID	Date	Depth (feet)	Benzene (µg/m^3)	Toluene (µg/m^3)	Ethyl-benzene (µg/m^3)	Xylenes (µg/m^3)	TPH as Gasoline (µg/m^3)	MTBE (µg/m^3)	TBA (µg/m^3)	1,2 DCA (µg/m^3)	EDB (µg/m^3)	Napthalene (µg/m^3)	Oxygen (%)	Carbon Dioxide (%)	1,1 Difluoroethane (µg/m^3)
VP-1	05/21/15	5	2.2	1.5	0.63	<0.63[a]/<0.63[b]	78	<0.53	2.9	<0.59	<0.63	<3.8	12	6.0	<2.0
VP-2	05/21/15	5	10	9	1.6	<4.7[a]/<2.9[b]	260	<0.58	4.7	<0.65	<1.2	<4.2	8.9	7.8	<2.2
VP-3	05/21/15	5	0.88	2.3	<0.69	3.0[a]/1.5[b]	110	<0.58	3.8	<0.65	<1.2	<4.2	13	9.1	<2.2
VP-4	05/21/15	5	2.0	3.1	<0.64	<0.64[a]/<0.64[b]	98	<0.53	2.4	<0.60	<1.1	<3.9	14	2.9	<2.0
Low-Threat UST Case Closure Policy- Scenario 4 (Future Construction with Bioattenuation Zone) Commercial Soil Gas Criteria			**<280,000**	**--**	**<3,600,000**	**--**	**--**	**--**	**--**	**--**	**--**	**<310,000**	**>4.0**	**--**	**--**
Low-Threat UST Case Closure Policy- Scenario 4 (Future Construction with Bioattenuation Zone) Residential Soil Gas Criteria			**<85,000**	**--**	**<1,100,000**	**--**	**--**	**--**	**--**	**--**	**--**	**<93,000**	**>4.0**	**--**	**--**
Low-Threat UST Case Closure Policy- Scenario 4 (Future Construction with No Bioattenuation Zone) Commercial Soil Gas Criteria			**<280**	**--**	**<3,600**	**--**	**--**	**--**	**--**	**--**	**--**	**<310**	**<4.0**	**--**	**--**
Low-Threat UST Case Closure Policy- Scenario 4 (Future Construction with Bioattenuation Zone) Residential Soil Gas Criteria			**<85**	**--**	**<1,100**	**--**	**--**	**--**	**--**	**--**	**--**	**<93**	**<4.0**	**--**	**--**

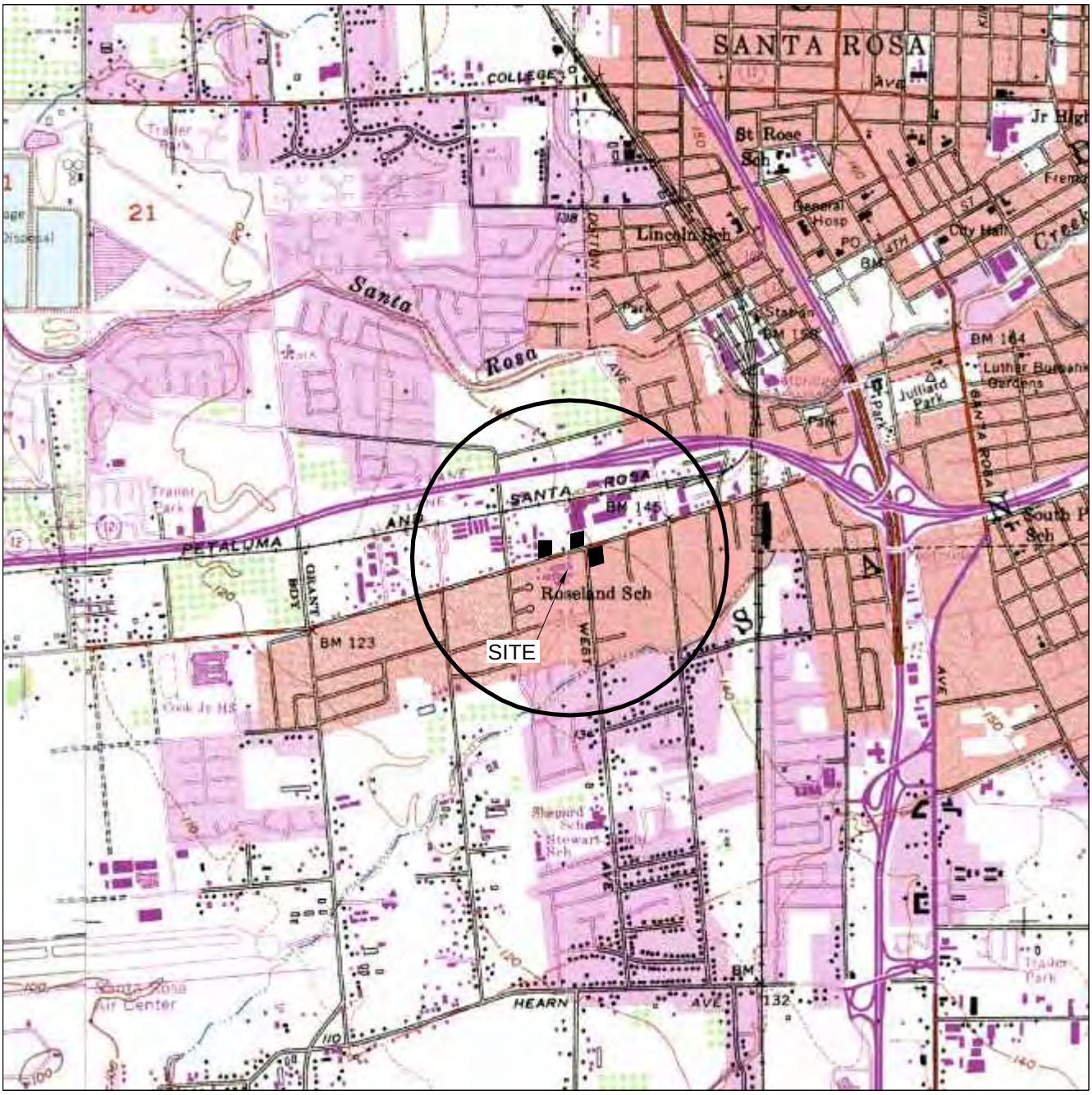
Notes:
[a] m,p xylenes
[b] o-xylene
* = laboratroy estiate
TPH = Total Petroleum Hydrocarbons
MTBE= Methyl-t-Butyl Ether
TBA = Tert-Butanol
1,2 DCA= 1,2 Dichloroethane
EDB = 1,2 Dibromoethane

TABLE 7
SOIL GAS MONITORING WELLS SAMPLING ANALYTICAL RESULTS

Sebastopol Road Commingled Plume Group
805 Sebastopol Road
Santa Rosa, California

-- No Criteria

Oxygen and Carbon Dioxide analyzed by Modified ASTM Method D-1946; all other analytes analyzed by modified EPA Method TO-15



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
SANTA ROSA, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980

N

0 2000 FT

SCALE 1:24,000

QUADRANGLE LOCATION

FIGURE 1

SITE LOCATION MAP

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CA.

PROJECT NO. RO-SR.001	DRAWN BY M.L. 2/23/06
FILE NO. Location Map	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental

LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	DESTROYED WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
VP-19	PROPOSED SOIL GAS WELL

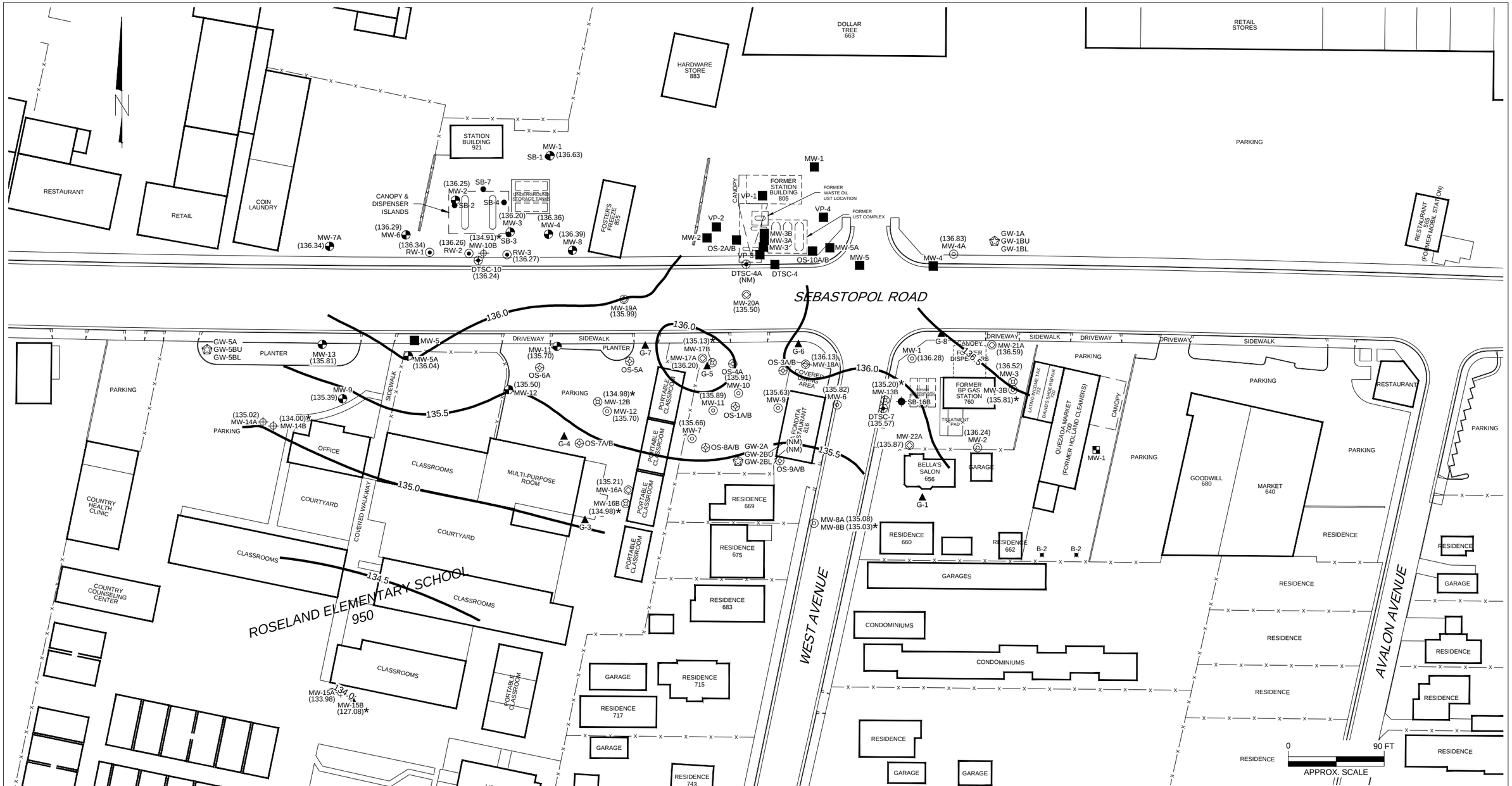
FIGURE 2

SITE AREA MAP

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 4/5/17
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 7	REVIEWED BY

RDM Environmental



LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(136.28)	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
132.5	WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL
NM	NOT MEASURED

* NOT USED FOR CONTOUR CONSTRUCTION

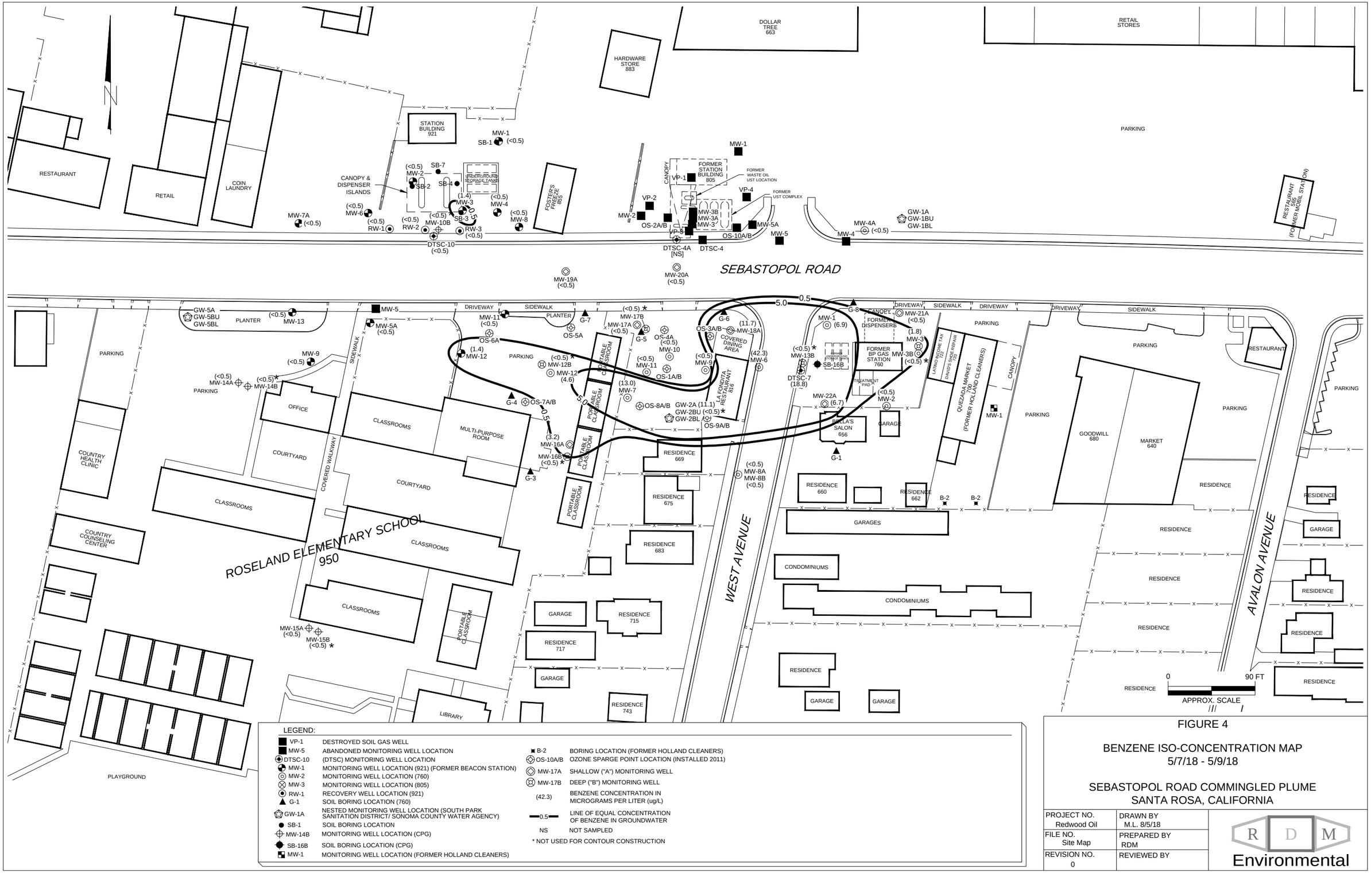
FIGURE 3

GROUNDWATER ELEVATION CONTOUR MAP
5/7/18 - 5/9/18

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 8/5/18
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

R D M Environmental



LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(42.3)	BENZENE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
0.5	LINE OF EQUAL CONCENTRATION OF BENZENE IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

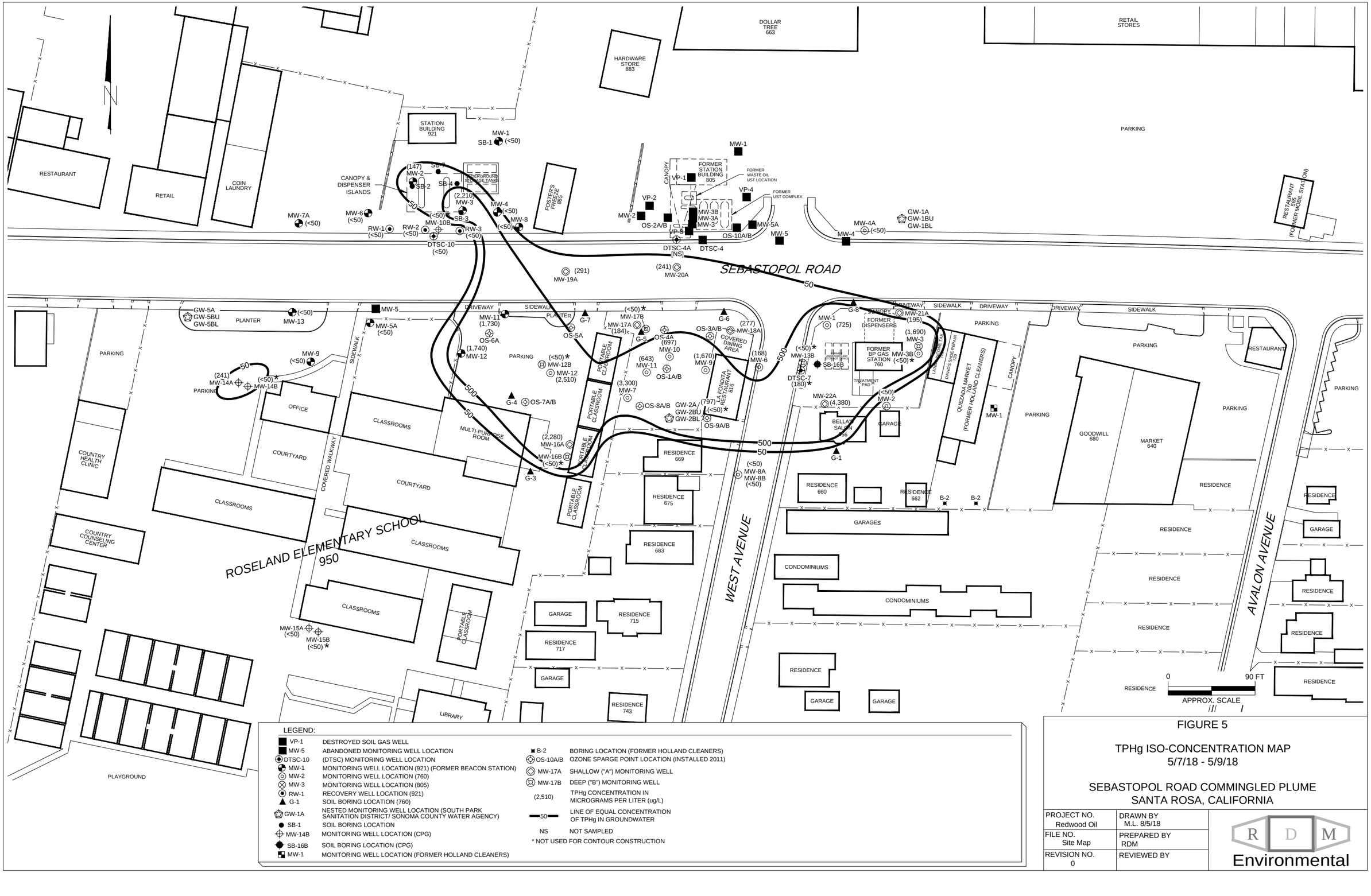
FIGURE 4

BENZENE ISO-CONCENTRATION MAP
5/7/18 - 5/9/18

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 8/5/18
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

RDM Environmental



LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(2,510)	TPHg CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
50	LINE OF EQUAL CONCENTRATION OF TPHg IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

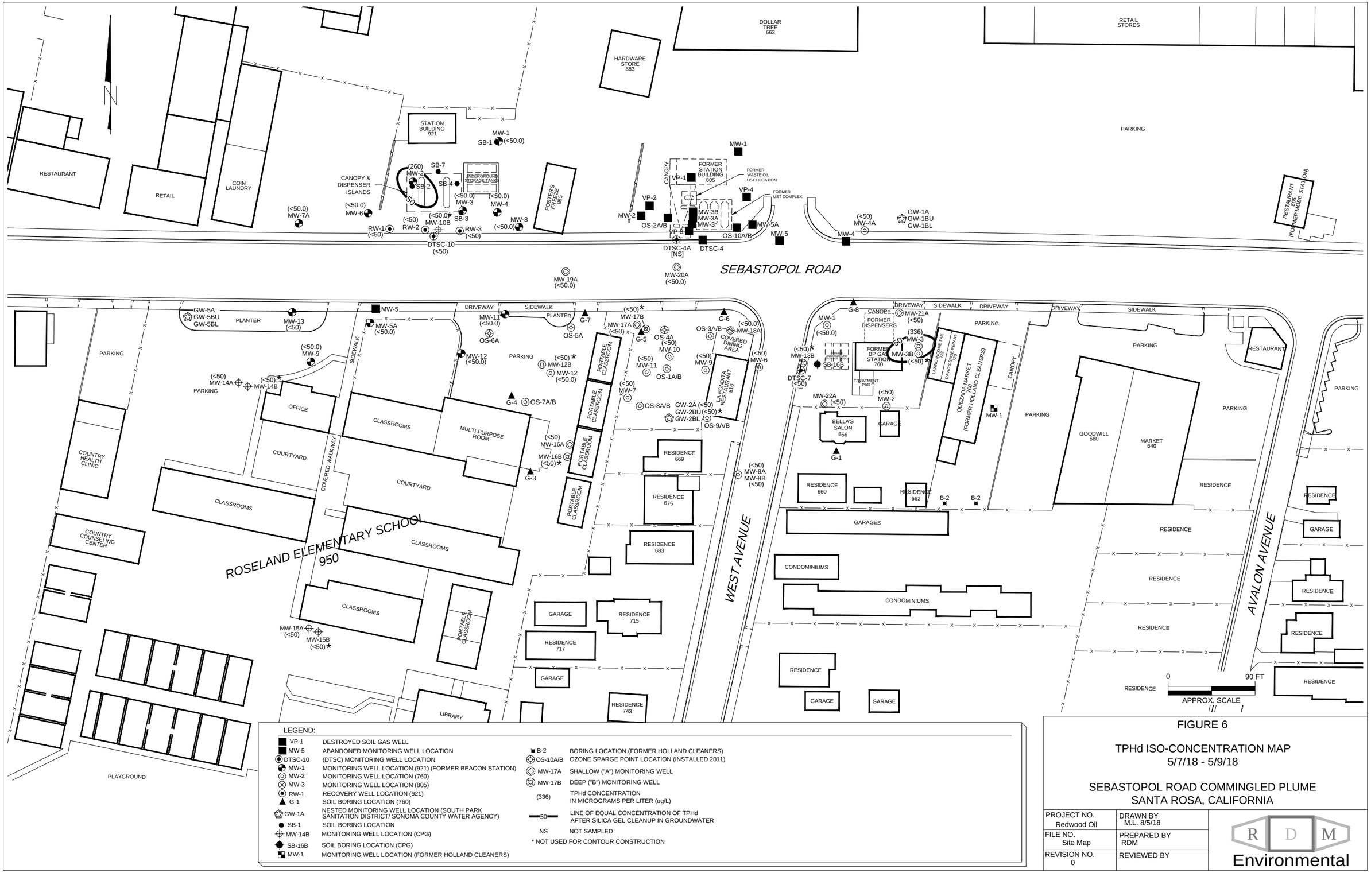
FIGURE 5

TPHg ISO-CONCENTRATION MAP
5/7/18 - 5/9/18

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 8/5/18
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

R D M Environmental



LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(336)	TPHd CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
50	LINE OF EQUAL CONCENTRATION OF TPHd AFTER SILICA GEL CLEANUP IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

FIGURE 6

TPHd ISO-CONCENTRATION MAP
5/7/18 - 5/9/18

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 8/5/18
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

R D M Environmental

LEGEND:

VP-1	DESTROYED SOIL GAS WELL
MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(51.0)	MTBE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
0.5	LINE OF EQUAL CONCENTRATION OF MTBE IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

FIGURE 7

MTBE ISO-CONCENTRATION MAP
5/7/18 - 5/9/18

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 8/5/18
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

R D M Environmental

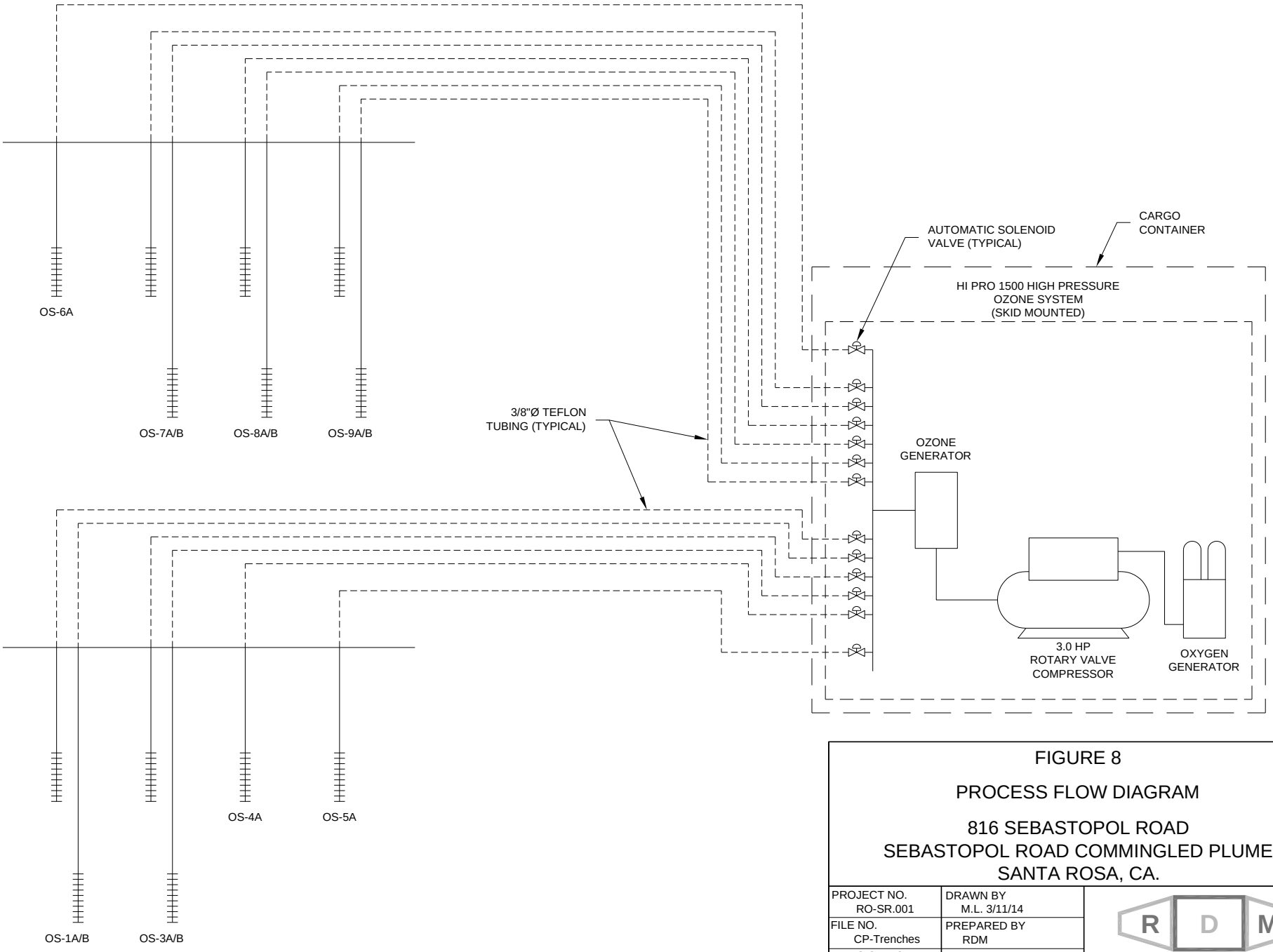


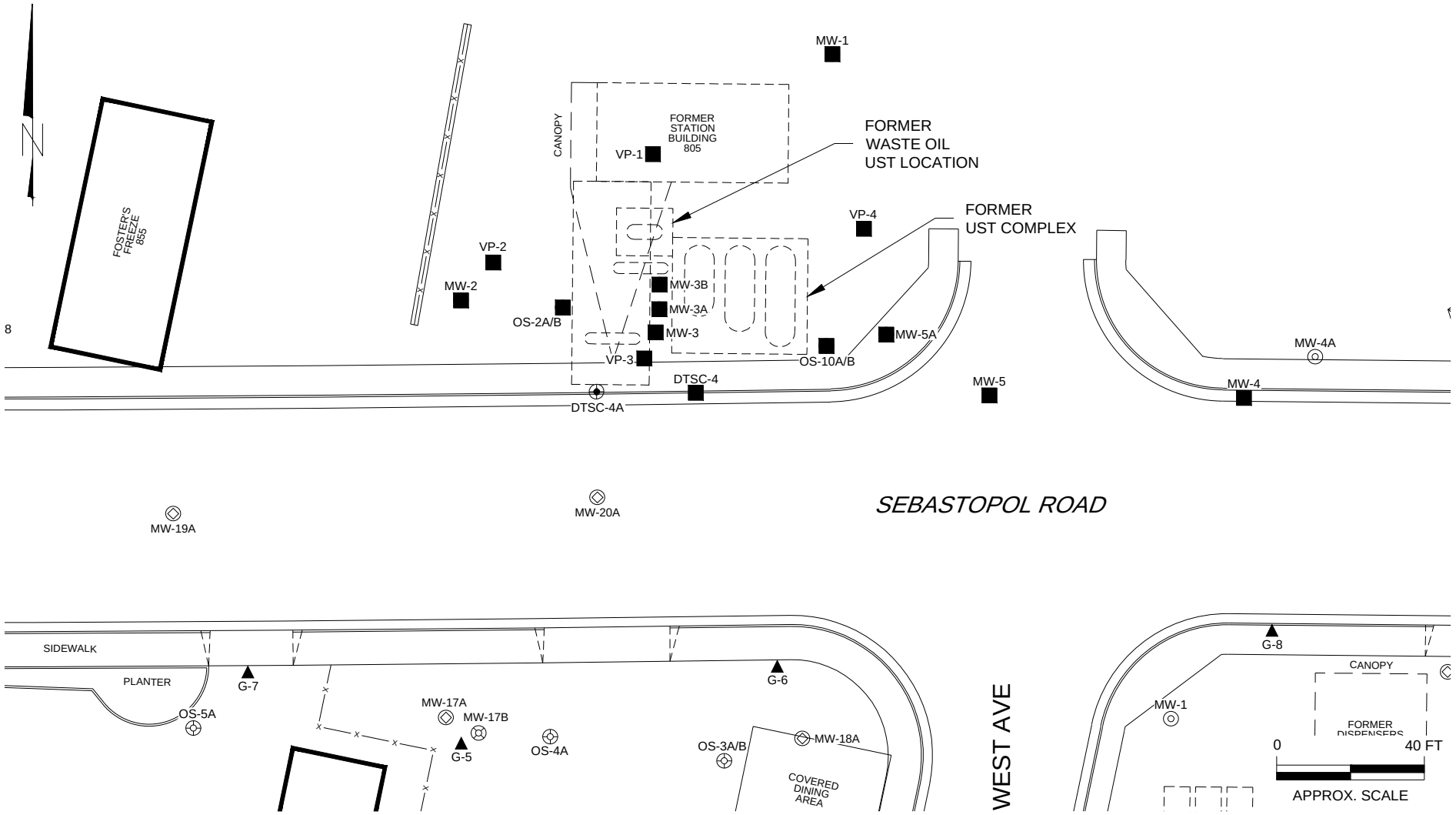
FIGURE 8

PROCESS FLOW DIAGRAM

816 SEBASTOPOL ROAD
SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CA.

PROJECT NO. RO-SR.001	DRAWN BY M.L. 3/11/14
FILE NO. CP-Trenches	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental



LEGEND:

MW-5	DESTROYED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
G-1	SOIL BORING LOCATION (760)
GW-5A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
OS-6A	OZONE SPARGE POINT LOCATION (INSTALLED 2011)
MW-19A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
OS-10A/B	DESTROYED OZONE SPARGE POINT LOCATION
VP-4	DESTROYED SOIL GAS WELL LOCATION

FIGURE 9

SOIL VAPOR WELL LOCATIONS - 805

805 SEBASTOPOL ROAD
SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 4/4/17
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental

ENCLOSURE A

Field Methods and Procedures

RDM ENVIRONMENTAL, INC.

Enclosure A

Sampling Methods

Proper sampling methods must be followed to assure that samples represent actual field conditions and that samples are labeled, preserved, and transported properly to retain sample integrity. This attachment describes procedures to be followed by RDM Environmental, Inc.(RDM), during collection of samples of subsurface soil and groundwater. Sampling procedures will be based on sampling guidance documents from the American Society of Testing and materials (ASTM), U.S. Environmental protection Agency (EPA), and California Department of Health Services (DHS). Actual sampling procedures to be employed will be based on field conditions and may differ from those described here.

A. EXPLORATION BORING/SOIL SAMPLING PROCEDURES

Soil borings and soil sampling will be performed under the direction of a RDM engineer/geologist. The soil borings will be advanced using drilling techniques appropriate for each project, as specified in the project work plan.

Soil samples will be collected at maximum intervals of 5 feet. Soil sampling will be done in accordance with ASTM 1586-84. Using this procedure, three 1.06- to 2-inch-diameter, 6-inch-length, brass or stainless steel tubes are placed in a California-type-split-barrel sampler, or a slide hammer with a single 6-inch by 2-inch brass or stainless tube by tapping the tube into the soil in the backhoe bucket with a hammer. The sampler is driven into the soil by a 140-pound weight falling 30 inches or with a slide hammer on hand auger samples. After an initial set of 6 inches, the number of blows required to drive the sampler an additional 12 inches is known as penetration resistance, or the •N• value. The •N• value is used as an empirical measure of the relative density of cohesion-less soils and the consistency of cohesive soils. When collecting a soil sample from a tank excavation or line excavation, the soil sample will be collected by tapping a brass stainless steel tube into the soil in the backhoe bucket.

Upon recovery of the split-barrel sampler or slide hammer sampler, the brass or stainless steel tubes containing the soil will be removed. One tube will be sealed at the ends with plastic end caps. The end caps will be secured to the ends of the tube to prevent loss of volatile constituents. The sample will be labeled with an identification number, time, date, location, and requested laboratory analysis. The sample will then be placed in a plastic bag and stored at approximately 4 degrees Celsius in an ice chest for transport to the laboratory. Sample custody procedures outlined in Section D of this attachment will be followed. This will be performed for each sample collected.

Soil in one of the brass or stainless steel tubes from the split-barrel sampler will be extracted upon recovery, placed in a plastic bag, and sealed for later screening for organic vapors using a photo ionization detector (PID) or a flame ionization detector (FID). The remaining portion of the soil sample will be examined and a complete log of soil conditions will be recorded on a soil boring log using the Unified Soil Classification System. The soil will be examined for grain size, color, and moisture content.

The split-barrel sampler or slide hammer sampler will be cleaned to prevent contamination across sampling intervals using procedures described in Section B. Soil generated from the soil borings will be stored in 55-gallon drums (unless otherwise directed by agencies or the client) labeled with the corresponding boring number, date, and address of the facility.

B. DECONTAMINATION AND DISPOSAL PROCEDURES

All equipment that comes into contact with potentially contaminated soil, drilling fluid, air or water will be decontaminated before each use. Decontamination will consist of steam cleaning, a high-pressure, hot water

rinse, or trisodium phosphate (TSP) wash and freshwater rinse, as appropriate. Drilling and sampling equipment will be decontaminated as follows:

1. Drill rig augers, drill rods, and drill bits will be steam-cleaned prior to use and between borings. Visible soil, grease, and other impurities will be removed.

2. Soil sampling equipment will be steam-cleaned prior to use and between each boring. Prior to individual sample collection, any sampling device will also be cleaned in a TSP solution and rinsed twice in clean water. Any visible soil residue will be removed.

3. It is anticipated that disposable equipment will be used to collect water samples. If disposable equipment is not used, water sampling equipment will be decontaminated using methods described in item 2 above for soil sampling equipment.

4. Water sampling containers will be cleaned and prepared by the respective analytical laboratories.

5. Stainless steel or brass soil sampling tubes will be steam-cleaned or washed in TSP solution and rinsed with clean water.

6. Field monitoring equipment (pH, conductivity, or temperature probes) will be rinsed with clean water prior to use and between samples.

C. FIELD MEASUREMENTS

Field data will be collected during various sampling and monitoring activities; this section describes routine procedures to be followed by personnel performing field measurements. The methods presented below are intended to ensure that field measurements are consistent and reproducible when performed by various personnel.

C.1 Buried Utility Locations

Prior to commencement of work on site, RDM will contact underground service alert and appropriate utility companies to have underground utility lines located. RDM will also visually survey the site to estimate the locations of potentially unmarked underground utilities. All work associated with the borings will be preceded by hand augering to a minimum depth of 5 feet below grade to avoid damaging underground utilities.

C.2 Lithologic Logging

A log of soil conditions encountered during the drilling and sample collection will be maintained using the Unified Soil Classification System by a RDM engineer/geologist. All boring logs will be reviewed by a California registered engineer/geologist.

The collected soil samples will be examined and the following information recorded: boring location, sample interval and depth, blow counts, color, soil type, moisture content (qualitative), and depth at which ground water (if present) is first encountered. Also recorded on the soil boring logs will be the field screening results derived from the use of a portable PID or FID.

C.3 Disposal Procedures

Soils and fluids that are produced and/or used during the installation and sampling of borings, and that are known or suspected to contain potentially hazardous materials, will be contained during the above operations. These substances will be retained on site until chemical testing has been completed to determine the proper means of disposal. Handling and disposal of substances known or suspected to contain potentially hazardous

materials will comply with all applicable regulations including those of DHS and the California Department of Water Resources. Soils and fluids produced and/or used during the above-described operations that are shown to contain potentially hazardous materials will be disposed of appropriately.

Residual substances generated during cleaning procedures that are known or suspected to pose a threat to human health or the environment will be placed in appropriate containers until chemical testing has been completed to determine the proper means for their disposal.

C.4 Conductivity, Temperature, and pH

Specific conductance, water temperature, and pH measurements will be made when a water sample is collected. Regardless of the sample collection method, a representative water sample will be placed in a transfer bottle used solely for field parameter determinations. A conventional pH meter with a combination electrode or equivalent will be used for field-specific conductance measurements. Temperature measurements will be performed using standard thermometers or equivalent temperature meters. Combination instruments capable of measuring two or all three of the parameters may also be used.

All instruments will be calibrated in accordance with manufacturer's recommendations. The values for conductivity standards and pH buffers used in calibration will be recorded in a field notebook. All probes will be thoroughly cleaned and rinsed with fresh water prior to any measurements, in accordance with Section C.1

D. SAMPLE CUSTODY

This section describes standard operating procedures for sample custody and custody documentation. Sample custody procedures will be followed through sample collection, transfer, analysis, and ultimate disposal. The purpose of these procedures is to assure that (1) the integrity of samples is maintained during their collection, transportation, and storage prior to analysis and (2) post-analysis sample material is properly disposed of. Sample custody is divided into field procedures and laboratory procedures, as described below.

D.1 Field Custody Procedures

Sample quantities, types, and locations will be determined before the actual fieldwork commences. As few personnel as possible will handle samples. The field sampler is personally responsible for the care and custody of the collected samples until they are properly transferred.

D.1.1 Field Documentation

Each sample will be labeled and sealed properly immediately after collection. Sample identification documents will be carefully prepared so that identification and chain-of-custody records can be maintained and sample disposition can be controlled. Forms will be filled out with waterproof ink. The following sample identification documents will be utilized:

- Sample labels
- Field notebook
- Chain-of-custody forms

D.1.2 Sample Labels

Sample labels provide identification of samples. Preprinted sample labels will be provided. Where necessary, the label will be protected from water and solvents with clear label-protection tape. Each label

will contain the following information:

- Name of collector

- Date and time of collection
- Place of collection
- RDM project number
- Sample number
- Preservative (if any)

D.1.3 Sample Labels Field Data Sheet

Information pertinent to a field survey, measurements, and/or sampling must be recorded on field data sheets. Entries on data sheets should include the following:

- Name and title of author, date and time of entry, and physical/environmental conditions during field activity.
- Location of sampling or measurement activity.
- Name(s) and title(s) of field crew.
- Type of sampled media (e.g., soil, groundwater, air, etc.).
- Sample collection or measurement method(s).
- Number and volume of sample(s) collected.
- Description of sampling point(s).
- Description of measuring reference point(s).
- Date and time of collection or measurement.
- Sample identification number(s).
- Sample preservative (if any).
- Sample distribution (e.g., laboratory).
- Field observations/comments.
- Field measurement data (pH, etc.).

D.1.4 Chain-of-custody Record

A chain-of-custody record will be completed out for and will accompany every sample and every shipment of samples to the analytical laboratories in order to establish the documentation necessary to trace sample possession from the time of collection to disposal. The record will contain the following information:

- Station number and sample I.D.
- Signature of collector, sampler, or recorder.
- Date and time of collection.
- Place of collection.
- Sample type.
- Signatures of persons involved in the chain of possession.
- Inclusive dates of possession.

The laboratory portion of the form should be completed by laboratory personnel and will contain the following information:

- Name of person receiving the sample.
- Laboratory sample number.
- Date and time of sample receipt.
- Analyses requested.
- Sample condition and temperature.

D.1.5 Sample Transfer and Shipment

A chain-of-custody record will always accompany samples. When transferring samples, the individuals relinquishing and receiving the samples will sign, date, and note the time on the chain-of-custody record.

Samples will be packaged properly for shipment and dispatched to the appropriate laboratory for analysis. The chain-of-custody record will accompany each shipment. The method of shipment, courier name(s), and other pertinent information will be entered in the chain-of-custody record.

D.2 Laboratory Custody Procedures

A designated sample custodian will accept custody of the shipped samples and verify that the information on the sample label matches that on the chain-of-custody record. Information regarding method of delivery and sample conditions will also be checked on the chain-of-custody record. The custodian will then enter the appropriate data into the laboratory sample tracking system. The laboratory custodian may use the sample number on the sample label or may assign a unique laboratory number to each sample. The custodian will then transfer the sample to the proper analyst or store the sample in the appropriate secure area.

Laboratory personnel are responsible for the care and custody of samples from the time they are received until the sample is exhausted. Once at the laboratory, the samples will be handled in accordance with U.S. Environmental Protection Agency SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods, Third Edition, for the intended analyses. All data sheets, chromatographs, and laboratory records will be filed as part of the permanent documentation.

D.3 Corrections to Documentation

Original data recorded in field notebooks, chain-of-custody records, sampling information sheets, and other forms should be written in ink. These documents should not be altered, destroyed, or discarded even if they are illegible or contain inaccuracies that require a replacement document.

If an error is made or found on a document, the individual making the corrections will do so by crossing a single line through the error, entering the correct information, and initialing and dating the change. The erroneous information will be obliterated. Any subsequent error(s) discovered on a document will be corrected. All corrections will be initialed and dated.

D.4 Sample Storage and Disposal

The analytical laboratory should retain samples and extracts for 60 days after the laboratory issues a written report. Unless notified by the program manager, excess or unused samples should be disposed of by the laboratory in an appropriate manner consistent with applicable government regulations.

ENCLOSURE B

Groundwater Sampling Information Sheets

RDM ENVIRONMENTAL

GROUND WATER LEVEL DATA

Project Address: 921 Sebastopol Road, Santa Rosa, CA

Date: 5/ 7-9 /2018

Technicians : MZ/JZ

Project Number: 921

Well Number	Sample Order	Time	Depth to Water	Total Depth	Diameter	Depth to Product	Product Thickness	Comments
MW-1	1	1020	5.50'	29.12	4			
MW-2	21	1225	5.41'	29.91	4			
MW-3	20	1221	5.16'	29.38	4			
MW-4	15	1152	5.36'	24.5	4			
MW-5A	5	1048	4.91'	19.91	2			
MW-6	6	1057	4.63'	24.43	4			
MW-7A	7	1102	4.03'	19.9	2			
MW-8	8	1109	5.66'	19.98	4			
MW-9	9	1118	5.33'	20.00	4			
DTSC-10	10	1124	4.45'	18.65	4			
MW-10B	11	1129	6.33'	39.10	2			
MW-11	12	1136	5.57'	19.87	4			
MW-12	13	1140	5.27'	18.84	2			
MW-13	14	1146	4.58'	20.41	2			
MW-14A	18	1209	5.65'	19.10	2			
MW-14B	16	1157	6.63'	40.11	2			
MW-15A	19	1214	5.52'	19.10	2			
MW-15B	17	1203	12.54'	36.8	2			
RW-1	2	1026	4.26'	11.12	6			
RW-2	3	1031	4.55'	11.33	6			
RW-3	4	1037	4.51'	11.21	6			

RDM ENVIRONMENTAL

GROUND WATER LEVEL DATA

Project Address: 760 Sebastopol Road
Santa Rosa, CA

Date: 5/ 7-9/2018

Technicians : JZ/MZ

Project Number: 760

Well Number	Sample Order	Time	Depth to Water	Total Depth	Diameter	Depth to Product	Product Thickness	Comments
MW-1	6	0821	5.97'	23.17	4			
MW-2	3	0805	6.15'	25.15	4			
MW-3	4	0808	6.40'	20.65	2			
MW-3B	15	0911	7.07'	45.00	2			
MW-4A	7	0827	6.56'	19.98	2			
~~MW-5A~~	~~8~~	~~——~~	~~——~~	~~19.97~~	~~2~~			WELL DESTROYED ~~[illegible]~~
MW-6	1	0755	5.20'	15.00	4			
MW-7	5	0816	5.70'	19.57	2			
MW-8A	9	0833	5.28'	7.80	2			
MW-8B	10	0835	5.43'	21.60	2			
DTSC-7	2	0800	5.21'	21.05	4			
MW-9	11	0842	5.55'	19.98	2			
MW-10	12	0846	5.60'	19.72	2			
MW-11	13	0850	5.40'	19.51	2			
MW-12	14	0900	5.44'	19.60	2			
MW-12B	16	0918	5.78'	46.00	2			
MW-13B	17	0925	5.44'	37.50	2			
MW-16A	18	0940	6.00'	20.00	2			
MW-16B	19	0943	6.19'	40.40	2			
MW-17A	20	1004 5/8/18	5.48	20.00	2			

RDM ENVIRONMENTAL

GROUND WATER LEVEL DATA

Project Address: 760 Sebastopol Road
Santa Rosa, CA

Date: 5/ 7 /2018

Technicians : JZ/MZ

Project Number: 760

MW-17B	21	1005 5/8/18	6.58	39.50	2			
MW-18A	22	0955	6.05'	20.00	2			
MW-19A	23	0452 5/9/18	~~6.11~~ 5.81	20.00	2			
MW-20A	24	5/9/18 0452	6.12'	20.00	2			
MW-21A	25	1003	6.09'	16.00	2			
MW-22A	26	1008	5.38'	19.50	2			
GW-2A	27	1014	5.00'	24.5	2			
GW-2BU	28	1016	6.43'	42.5	2			

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/3/2018
Project Number: 760
Well Designation: MW-1

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	8"		
Well Box 8" 12" 24" (18")		Type of well box: EMCO	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

	2"	4"	6"	8"
Well Diameter		✓		
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	33.54
Time:	0821	Time:	0700	Actual Purge	15.00
Depth of Well	23.17	Depth to Water	9.06		
Depth to Water	5.97				

17.20 x .65 = 11.18 x 3 = 33.54

Sample

Start Purge: 0645 (HANNA F HS)
Sample Time: 0708

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0650	67.9°	776	6.69					5
0655	67.9°	782	6.75					10
0700	67.7°	779	6.76					15

Sample Appearance: CLEAR
Lock: —

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks: LUNCH TRUCK PARKED ON WELL

9.41

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 7 /2018
Project Number: 760
Well Designation: MW-2

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: ✓	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: ✓	
Well cap & locked	(Yes) No	Remark: ✓	
Height of Riser	1"		
Well Box 8" (12") 24"	Type of well box	MORRISON-DUB-	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	✓	6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	37.05
Time:	0805	Time:	1252	Actual Purge	17.00
Depth of Well	25.15	Depth to Water	6.19		
Depth to Water	6.15				

19.00 x .65 = 12.35 x 3 = 37.05

Sample

Start Purge: 1230 Sample Time: 1254

HANNA

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1235	78.8°	558	7.26					5.00
1240	73.8°	548	7.17					10.00
1245	72.7°	551	7.16					15.00
1247	72.5°	550	7.13					17.00

Sample Appearance: CLEAR Lock: ✓

Equipment Replacement

Lock	✓	Well Cap	✓	Bolts	✓	Box	✓

Remarks:

9.95

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/3/2018
Project Number: 760
Well Designation: MW-3

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	(Yes) No	above or (below) casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	1"		
Well Box (8") 12" 24"	Type of well box	MORRISON-DUB-	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.84
Time:		Time:	0725	Actual Purge	3
Depth of Well	20.65	Depth to Water	6.68		
Depth to Water	6.40				

14.25 x .16 = 2.28 x 3 = 6.84

Sample

Start Purge: 0718 — Sample Time: 0727

HANNA °F NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0720	64.7°	405	6.55					1
0722	64.6°	412	6.52					2
0724	64.6°	413	6.50					3

Sample Appearance: CLEAR — Lock: —

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks: CARS PARKED ON WELL

9.N

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/3 /2018
Project Number: 760
Well Designation: MW-3B

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	2"		
Well Box (8") 12" 24"	Type of well box	EMCO	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	15.20
Time:	0911	Time:	0800	Actual Purge	10
Depth of Well	45.00	Depth to Water	8.50		
Depth to Water	7.07				

37.93 x .16 = 6.06 x 3 = 15.20

Sample

Start Purge: 0755 — Sample Time: 0802

HANNA °F — MS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0742	71.0	669	6.60					3
0749	72.9°	689	6.56					6
0756	71.4°	686	6.62					9
0758	71.8	690	6.61					10

Sample Appearance: CLEAR — Lock: —

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks: CAR PARKED ON WELL

14.45

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/9 /2018
Site:	760 Sebastopol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-4A
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	✓ hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	✓
Well cap & locked	(Yes) No	Remark:	✓
Height of Riser	4'		
Well Box (8") 12" 24"	Type of well box	~~Underground~~ Boyer	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	✓	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	4.44
Time:	0827	Time:	1459	Actual Purge	3.50
Depth of Well	19.98	Depth to Water	8.05		
Depth to Water	18.56				
	13.42 x .16 = 2.14 x 3 = 6.44				

Sample

Start Purge 1442 Sample Time 1454

Hanna °F PS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1443	73.8°	809	6.86					1.00
1446	73.0°	821	6.83					2.00
1448	72.2°	821	6.87					3.00
1450	72.5°	827	6.86					3.50

Sample Appearance GREY/CLOUDY Lock ✓

Equipment Replacement

Lock	✓	Well Cap	✓	Bolts	✓	Box	✓

Remarks:

9.24

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 1 /2018
Project Number: 760
Well Designation: MW-4

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time: ____ hours	
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	3"		
Well Box 8" 12" (24")	Type of well box	UNKNOWN	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	✓	6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	19.11
Time:	0755	Time:	1203	Actual Purge	6.00
Depth of Well	15.00	Depth to Water	5.50	– 5/8/18	
Depth to Water	5.20				

9.80 x .65 = 6.37 x 3 = 19.11

Sample

Start Purge: 1105 Sample Time: 1209

HANNA °F NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1105	68.8°	155	6.48					2.00
1111	68.2°	180	6.50					4.00
1114	67.6°	179	6.55					6.00

Sample Appearance: Clear Lock: —

Equipment Replacement

Lock: — Well Cap: — Bolts: — Box: —

Remarks: SLOW RECHARGE / WAITED TO SAMPLE.
Sample on 5/8/18 @1209

7.10

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/7/2018
Project Number: 760
Well Designation: MW-1

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	(Yes) No	above or (below) casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: ✓	
Height of Riser	3"		
Well Box (8") 12" 24"	Type of well box	Royer	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.45
Time:	0916	Time:	1418	Actual Purge	3.50
Depth of Well	19.57	Depth to Water	8.17		
Depth to Water	5.70				

13.87 x .16 = 2.21 x 3 = 6.65

Sample

Start Purge: 1406 — Sample Time: 1420

HANNA °F NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1408	70.0°	812	6.75					1.00
1409	67.6°	830	6.74					2.00
1411	66.6°	837	6.77					3.00
1413	66.4°	838	6.79					3.50

Sample Appearance: CLEAR / GREY TINT — Lock: ✓

Equipment Replacement

Lock	✓	Well Cap	✓	Bolts	✓	Box	✓

Remarks:

8.47

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 7 /2018
Project Number: 760
Well Designation: MW-9A

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes No	above or below casing	
Top of well level	Yes No	Remark: —	
Well cap & locked	Yes No	Remark: —	
Height of Riser	2"		
Well Box (8") 12" 24"	Type of well box	MORRISON. DUB-	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	1.20
Time:	0833	Time:	1315	Actual Purge	1.00
Depth of Well	7.80	Depth to Water	5.73		
Depth to Water	5.28				

7.52 x .16 = .40 x 3 = 1.20

Sample

Start Purge 1310
HANNA °F NS
Sample Time 1320

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1311	67.7	476	6.91					.25
1313	64.9	490	6.93					.50
1315	64.4	492	6.95					.75
1317	64.2	490	6.97					1.00

Sample Appearance: CLEAR
Lock: ✓

Equipment Replacement

Lock: ✓ Well Cap: — Bolts: — Box: ✓

Remarks: ✓

5.78

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 7 /2018
Project Number: 760
Well Designation: MW-5B

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	✓
Well cap & locked	(Yes) No	Remark:	✓
Height of Riser	1/2"		
Well Box (8") 12" 24"		Type of well box	MORRISON DUB

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer		Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2" ✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	7.76
Time:	0835	Time:	1341	Actual Purge	3.50
Depth of Well	21.00	Depth to Water	12.35		
Depth to Water	5.43				

16.17x.110=2.5813=7.76

Sample

Start Purge 1329 Sample Time 1343

HANNA °F NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1331	65.4°	494	6.68					1.00
1333	65.8°	499	6.78					2.00
1335	65.9°	503	6.80					3.00
1337	65.8°	500	6.83					3.50

Sample Appearance: CLEAR Lock: ✓

Equipment Replacement

Lock ✓ Well Cap ✓ Bolts ✓ Box ✓

Remarks:

8.00

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/ 1 /2018
Site:	760 Sebastopol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	DTSC-7
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes	(No)	Time:	/	hours
Standing water	Yes	(No)	above or below casing		
Top of well level	(Yes)	No	Remark:	/	
Well cap & locked	(Yes)	No	Remark:	/	
Height of Riser		12"			
Well Box	8" 12" (24")		Type of well box	UNKNOWN	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	✓	6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	30.88
Time:	0800	Time:	1152	Actual Purge	17.00
Depth of Well	21.05	Depth to Water	7.38		
Depth to Water	5.21				

15.84 x .105 = 10.29 x 3 = 30.88

Sample

	Start Purge	1131	Sample Time 1154
HANNA	°F	NS	

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1136	76.5°	1031	10.85					5.00
1141	74.5°	1036	10.86					10.00
1146	81.3°	1034	10.84					15.00
1148	81.1°	1031	10.82					17.00

Sample Appearance	CLEAR	Lock	—

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks: ~~CAR PARKED ON WELL~~

8.37

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature: MWK

Sample Data: 5/7/2018
Project Number: 760
Well Designation: MW-9

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	(Yes) No	above or (below) casing	
Top of well level	(Yes) No	Remark: ✓	
Well cap & locked	(Yes) No	Remark: ✓	
Height of Riser			
Well Box (8") 12" 24"	Type of well box	MORRISON-DUB	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	4.92
Time:	0842	Time:	1525	Actual Purge	4.00
Depth of Well	19.98	Depth to Water	7.73		
Depth to Water	5.55				

14.43 x .16 = 2.30 x 3 = 6.92

Sample

Start Purge: 1508 (HANNA oF NS)
Sample Time: 1527

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1500	69.2°	979	6.80					1.00
1512	68.4°	956	6.85					2.00
1514	67.8°	950	6.87					3.00
1516	67.5°	949	6.90					3.50
1518	67.4°	949	6.88					4.00

Sample Appearance: GREY TINT/CLEAR
Lock: ✓

Equipment Replacement

Lock: ✓ Well Cap: ✓ Bolts: ✓ Box: ✓

Remarks:

8.43

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 7 /2018
Project Number: 760
Well Designation: MW-10

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	—
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	—
Height of Riser	5"		
Well Box (8") 12" 24"	Type of well box	MORRISON-DUB	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter	2"	✓	4"		6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	4.77
Time:	0946	Time:	1545	Actual Purge	3.00
Depth of Well	14.12	Depth to Water	6.45		
Depth to Water	5.66				

14.12 x .16 = 2.25 x 3 = 4.77

Sample

Start Purge: 1536 — Sample Time: 1547

HANNA °F — NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1538	69.8°	828	6.83					1.00
1540	69.9°	833	6.82					2.00
1542	69.9	834	6.85					3.00

Sample Appearance: LIGHT BROWN / CLOUDY — Lock: —

Equipment Replacement

Lock: — Well Cap: — Bolts: — Box: —

Remarks:

SHR

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 7 /2018
Project Number: 760
Well Designation: MW-11

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	2"		
Well Box (8") 12" 24"	Type of well box	MORRISON-DUB	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.77
Time:	0850	Time:	1627	Actual Purge	3.00
Depth of Well	14.51	Depth to Water	5.46		
Depth to Water	5.46				

14.11 x .16 = 2.15 x 3 = 6.77

Sample

Start Purge: 1555 (HANNA °F NS)
Sample Time: 1624

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1557	68.9°	1123	6.91					1.00
1559	68.5°	1108	6.91					2.00
1602	68.1	1119	6.87	/	/	/	/	3.00

Sample Appearance: Brown/Cloudy
Lock: —

Equipment Replacement

Lock: ____ Well Cap: ____ Bolts: ____ Box: ____

Remarks:

8.22

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/1 /2018
Project Number: 760
Well Designation: MW-12

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	(Yes) No	above or (below) casing	
Top of well level	(Yes) No	Remark: /	
Well cap & locked	(Yes) No	Remark: /	
Height of Riser	5"		
Well Box (8") 12" 24"	Type of well box	MORRISON-DUB	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.79
Time:	0900	Time:	1704	Actual Purge	3.5
Depth of Well	19.46	Depth to Water	5.49		
Depth to Water	5.44				

14.02 x .16 = 2.24 x 3 = 6.79

Sample

HANNA °F

Start Purge: 1652 NS

Sample Time: 1706

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1654	71.3°	710	6.91					1
1656	70.6°	699	6.89					2
1658	70.3°	695	6.88					3
1700	69.9°	692	6.85					3.5

Sample Appearance: GREY / CLOUDY

Lock: /

Equipment Replacement

Lock	/	Well Cap	/	Bolts	/	Box	/

Remarks:

8.27

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/ 7 /2018
Site:	760 Sebastopol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-12B
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	— hours
Standing water	(Yes) No	above or (below) casing	
Top of well level	(Yes) No	Remark:	—
Well cap & locked	(Yes) No	Remark:	—
Height of Riser	6'		
Well Box 8" 12" (15") 24"		Type of well box	EMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter	2"	✓	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	19.30
Time:	0918	Time:	1733	Actual Purge	8
Depth of Well	46.00	Depth to Water	6.01		
Depth to Water	5.78				

40.22 x .16 = 6.43 x 3 = 19.30

Sample

Start Purge 1515 Sample Time 1735

HANNA °F µS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1518	77.7°	1856	7.29					2
1522	79.8°	693	7.22					4
1526	79.9°	695	7.18					6
1530	79.9°	697	7.20					8

Sample Appearance CLEAR Lock —

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks:

1352

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/3/2018
Project Number: 760
Well Designation: MW-13B

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: -	hours
Standing water	(Yes) No	above or (below) casing	
Top of well level	(Yes) No	Remark: -	
Well cap & locked	(Yes) No	Remark: -	
Height of Riser	7"		
Well Box (8") 12" 24"	Type of well box	EMCO	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	15.38
Time:		Time:	0825	Actual Purge	7
Depth of Well	37.50	Depth to Water	5.53		
Depth to Water	5.44				

32.06x.16-5.12x3 = 15.38

Sample

Start Purge 0813 Sample Time 0827

HANNA °F

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0816	65.5°	227	7.03					2
0819	65.8°	544	6.76					4
0822	65.9°	550	6.76					6
0824	66.1°	551	6.77					7

Sample Appearance: GREY/CLOUDY Lock: -

Equipment Replacement

Lock: - Well Cap: - Bolts: - Box: -

Remarks:

11.85

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/ 9 /2018
Site:	760 Sebastopol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-11A
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	— hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	—
Well cap & locked	(Yes) No	Remark:	
Height of Riser	3"		
Well Box	(8") 12" 24"	Type of well box	EMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2" ✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.72
Time:	0940	Time:	0548	Actual Purge	3
Depth of Well	20.00	Depth to Water	7.74		
Depth to Water	6.00				

14.00x.16=2.24x3=6.72

Sample

Start Purge 0540 Sample Time 0549

HANNA °F VS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0542	65.4°	797	6.16					1
0544	65.6°	803	6.18					2
0546	65.7°	800	6.20					3

Sample Appearance GREY / CLOUDY Lock —

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks:

8.8

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/9/2018
Project Number: 760
Well Designation: MW-12B

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	6"		
Well Box 8" 12" (18")		Type of well box: EMCO	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	16.42
Time:	0943	Time:	0008	Actual Purge	6.00
Depth of Well	40.40	Depth to Water	6.24		
Depth to Water	6.19				

34.21 x .16 = 5.47 x 3 = 16.42

Sample

Start Purge: 0558 — Sample Time: 0611

HANNA °F MS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0601	66.2°	742	6.46					2.00
0604	67.4°	740	6.47					4.00
0607	67.9°	739	6.42					6.00

Sample Appearance: GREY — Lock: —

Equipment Replacement

Lock	✓	Well Cap		Bolts	—	Box	✓

Remarks:

13.03

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 8 /2018
Project Number: 760
Well Designation: MW-17A

Well Box Condition/Traffic

Traffic Control	Yes	(No)	Time: —	hours
Standing water	Yes	(No)	above or below casing	
Top of well level	(Yes)	No	Remark: —	
Well cap & locked	(Yes)	No	Remark: —	
Height of Riser	5"			
Well Box (8") 12" 24"			Type of well box: EMCO	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement	5/8/18	Recharge Measurement		Calculated Purge	6.96
Time:	1004	Time:	1017	Actual Purge	3
Depth of Well	20.06	Depth to Water	5.61		
Depth to Water	5.48				

14.52 x .16 = 2.32 x 3 = 6.96

Sample

Start Purge: 1009 Sample Time: 1018

HANNA °F µS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1011	69.4	764	6.70					1
1013	69.0°	772	6.69					2
1015	68.7	772	6.71					3

Sample Appearance: CLEAR Lock: —

Equipment Replacement

Lock: — Well Cap: — Bolts: — Box: —

Remarks: OUT OF ORDER FOR H/S REASONS.

8.38

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/8/2018
Project Number: 760
Well Designation: MW-17B

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes No	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	12"		
Well Box 8" 12" (24") 15"	Type of well box	EMCO	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	✓	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement	5/5/17	Recharge Measurement		Calculated Purge	15.80
Time:	1005	Time:	1030	Actual Purge	6
Depth of Well	39.50	Depth to Water	6.80		
Depth to Water	6.58				

32.92 x .16 = 5.26 x 3 = 15.80

Sample

Start Purge: 1026 — Sample Time: 1035

HANNA — °F — MS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1029	70.4°	777	6.75					2
1032	70.7°	782	6.79					4
1035	70.6°	784	6.78					6

Sample Appearance: CLEAR — Lock: —

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks: MS/MSD

13.18

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature: MW-4

Sample Data: 5/ 8 /2018
Project Number: 760
Well Designation: MW-18A

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	12"		
Well Box (8") 12" 24"	Type of well box	EMCO	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.09
Time:	0955	Time:	0939	Actual Purge	3.00
Depth of Well	20.00	Depth to Water	7.70		
Depth to Water	6.05				

13.95 x .16 = 2.23 x 3 = 6.69

Sample

Start Purge 0932
HANNA °F MS
Sample Time 0941

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0934	64.7°	549	6.58					1
0936	64.6°	547	6.58					2
0938	64.8°	552	6.56					3

Sample Appearance: CLOUDY / GREY
Lock: —

Equipment Replacement

Lock: ✓ Well Cap: ✓ Bolts: ✓ Box: —

Remarks: OUT OF ORDER FOR H/S REASONS.

8.84

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/9/2018
Project Number: 760
Well Designation: MW-19A

Well Box Condition/Traffic

Traffic Control	Yes	No	Time:	hours
Standing water	Yes	(No)	above or below casing	
Top of well level	(Yes)	No	Remark:	-
Well cap & locked	(Yes)	No	Remark:	-
Height of Riser		6"		
Well Box	(8")	12" 24"	Type of well box	EMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	7.02
Time:	0509	Time:	0520	Actual Purge	3.00
Depth of Well	20.00	Depth to Water	5.41		
Depth to Water	5.37				

14.63 x .16 = 2.34 x 3 = 7.02

Sample

Start Purge: 0513 Sample Time: 0522

HANNA ✓ NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0515	67.3°	728	6.24					1
0517	68.0°	735	6.29					2
0519	68.2	737	6.30					3

Sample Appearance: GREY/CLOUDY Lock: -

Equipment Replacement

Lock	-	Well Cap	-	Bolts	-	Box	-

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 9 /2018
Project Number: 760
Well Designation: MW-20A

Well Box Condition/Traffic

Traffic Control	(Yes)	No	Time:	hours
Standing water	Yes	(No)	above or below casing	
Top of well level	(Yes)	No	Remark:	✓
Well cap & locked	(Yes)	No	Remark:	✓
Height of Riser				
Well Box (8") 12" 24"			Type of well box	EMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.66
Time:	0452	Time:	0502	Actual Purge	3.00
Depth of Well	20.00	Depth to Water	12.02		
Depth to Water	12.12				

13.88x.16=2.22x3=6.66

Sample

Start Purge: 0455
HANNA °F MS
Sample Time: 0503

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0457	64.7°	492	6.30					1.00
0459	65.2°	487	6.34					2.00
0501	65.6°	489	6.24					3.00

Sample Appearance: CLEAR/GREY TINT Lock: ✓

Equipment Replacement

Lock: ✓ Well Cap: ✓ Bolts: ✓ Box: ✓

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 5 /2018
Project Number: 760
Well Designation: MW-21A

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	2"		
Well Box (8") 12" 24"	Type of well box	EMCO	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	4.75
Time:	1003	Time:	0854	Actual Purge	5
Depth of Well	16.00	Depth to Water	6.26		
Depth to Water	6.09				

9.91 x .16 = 1.58 x 3 = 4.75

Sample

Start Purge: 0846 — Sample Time: 0850

HANNA °F N/S

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0848	65.4°	740	6.69					1.
0850	66.4°	748	6.71					2.
0852	66.4°	747	6.74					3.

Sample Appearance: CLEAR / GREY TINT — Lock: —

Equipment Replacement

Lock	✓	Well Cap	—	Bolts	—	Box	✓

Remarks: OUT OF ORDER FOR H/S REASONS.

8.07

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/8/2018
Project Number: 760
Well Designation: MW-22A

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	1"		
Well Box (8") 12" 24"	Type of well box	EMCO	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter	2"	✓	4"		6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.77
Time:	1008	Time:	0914	Actual Purge	3
Depth of Well	19.60	Depth to Water	6.19		
Depth to Water	5.38				

14.12 x 1.6 = 2.25 x 3 = 6.77

Sample

Start Purge: HANNA °F — Sample Time: 0916

NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0909	66.5°	6.92	6.37					1
0911	66.2°	6.91	6.37					2
0913	66.0°	6.89	6.59					3

Sample Appearance: CLOUDY — Lock: —

Equipment Replacement

Lock: — Well Cap: — Bolts: — Box: —

Remarks: OUT OF ORDER FOR H/S REASONS

8.20

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/3/2018
Site:	760 Sebastopol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	GW-2A
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	— hours
Standing water	(Yes) No	above or (below) casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	2"		
Well Box 8" (12") 24"	Type of well box	MORRISON-DUB	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	✓	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	9.36
Time:	1014	Time:	1110	Actual Purge	4.25
Depth of Well	24.50	Depth to Water	5.03		
Depth to Water	5.00				
	19.50 x .16 = 3.12 x 3 = 9.36				

Sample

Start Purge: 1100 PG — HANNA °F — Sample Time: 1115

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1108	67.4°	991	6.50					1.25
1110	66.8°	954	6.49					2.50
1112	66.0°	947	6.49					3.75
1114	65.8°	946	6.51					4.25

Sample Appearance: CLEAR / GREY TINT — Lock: —

Equipment Replacement

Lock	✓	Well Cap	✓	Bolts	✓	Box	✓

Remarks: OUT OF ORDER FOR H/S REASONS

8.96

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/8/2018
Project Number: 760
Well Designation: GW-2BV

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	hours
Standing water	(Yes) No	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	3'		
Well Box 8" (12") 24"	Type of well box	Morrison Nub	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

	2"	4"	6"	8"
Well Diameter:	✓			
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	17.31 gal.
Time:	1010	Time:	1144	Actual Purge	7.00
Depth of Well	42.50	Depth to Water	13.35		
Depth to Water	6.43				

36.87 x .16 = 5.77 x 3 = 17.31

Sample

Start Purge: 1122 — Sample Time: 1146

Hanna °F µS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1124	66.4	595	6.96					2.00
1137	68.3	581	6.96					4.00
1140	68.8	575	6.98					6.00
1143	68.8	577	7.01					7.00

Sample Appearance: Clear — Lock: ✓

Equipment Replacement

Lock: ✓ — Well Cap: ✓ — Bolts: - — Box: ✓

Remarks: ~~DO~~ OUT OF ORDER FOR H/S REASONS

13.64

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/ 8 /2018
Site:	921 Sebastopol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-1
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time	— hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	—
Well cap & locked	(Yes) No	Remark:	✓
Height of Riser	4"		
Well Box 8" 12" 24" (18)"		Type of well box	CNI

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter	2"		4"	✓	6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	46 gal.
Time:	1020	Time:	1354	Actual Purge	18
Depth of Well	29.12'	Depth to Water	6.40		
Depth to Water	5.50'				
	23.62' x 0.65 = 15.35 x 3 = 46				

Sample

Start Purge 1334 Sample Time 1350

HANNA °F NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1340	75.1°	442	6.59					6
1346	74.9°	436	6.64					12
1352	74.1	436	6.65					18

Sample Appearance CLEAR Lock —

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks:

18.90'
10.22' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 921 Sebastopol Road
Santa Rosa, CA
Signature: [signature]

Sample Data: 5/ 9 /2018
Project Number: 921
Well Designation: MW-2

Well Box Condition/Traffic

Traffic Control	Yes	No	Time: —	hours
Standing water	Yes	(No)	above or below casing	
Top of well level	(Yes)	No	Remark: —	
Well cap & locked	(Yes)	No	Remark: —	
Height of Riser	8"			
Well Box 8" (12") 24"			Type of well box: CNI	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	✓	6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	47.79 (94%)
Time:	1225	Time:	0947	Actual Purge	12.00
Depth of Well	29.91'	Depth to Water	11.99		
Depth to Water	5.41'				

24.5' x 0.65 = 15.93 x 3 = 47.79

Sample

Start Purge: 0926 — Sample Time: 0949

HANNA °F NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0932	71.4°	495	6.69					6
0938	70.8°	496	6.74					12
0944	70.7°	498	6.69					18

Sample Appearance: CLEAR — Lock: ✓

Equipment Replacement

Lock	✓	Well Cap	✓	Bolts	✓	Box	✓

Remarks:

19.6'
10.31' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 921 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/9/2018
Project Number: 921
Well Designation: MW-3

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	3.1'		
Well Box 8" 12" (24")	Type of well box	UNKNOWN CNI	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter	2"		4"	✓	6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	47.23 gal.
Time:	1221	Time:	0914	Actual Purge	18.00
Depth of Well	29.38'	Depth to Water	13.72		
Depth to Water	5.16'				

24.22' x 0.65 = 15.74 x 3 = 47.23

Sample

Start Purge: 0853 (MS)
HANNA °F
Sample Time: 0916

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0859	73.0°	627	6.55					6
0905	72.5°	628	6.60					12
0911	72.3°	625	6.61					18

Sample Appearance: CLEAR
Lock: —

Equipment Replacement

Lock: — Well Cap: — Bolts: — Box: —

Remarks:

19.38'
10' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/9 /2018
Site:	921 Sebastopol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-4
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	— hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	—
Well cap & locked	(Yes) No	Remark:	
Height of Riser	2"		
Well Box	8" (12") 24"	Type of well box	UNKNOWN

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	✓	6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	37.32 gal.
Time:	1152	Time:	0536	Actual Purge	15
Depth of Well	24.5'	Depth to Water	6.91		
Depth to Water	5.36'				

19.14' x 0.65 = 12.44 x 3 = 37.32

Sample

HANNA °F

Start Purge 0515 MS

Sample Time 0537

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0523	72.9°	335	6.70					5
0528	72.3°	329	6.78					10
0533	72.0°	325	6.80					15

Sample Appearance: CLEAR

Lock: —

Equipment Replacement

Lock	✓	Well Cap	—	Bolts	—	Box	—

Remarks:

15.31'
9.19' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/ 8 /2018
Site:	921 Sebastopol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-5A
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	hours
Standing water	(Yes) No	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	6"		
Well Box	(8") 12" 24"	Type of well box	Unk.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2" ✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	7.2 Gal.
Time:	1048	Time:	1453	Actual Purge	3.0
Depth of Well	19.91'	Depth to Water	5.51		
Depth to Water	4.91'				

15.0 x 0.16 = 2.4 x 3 = 7.2

Sample

Start Purge 1446 Sample Time 1455

Manna 4" 45

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1447	65.6	431	6.51					1.00
1449	64.5	427	6.53					2.00
1451	64.2	423	6.48					3.00

Sample Appearance: Clear Lock: ✓

Equipment Replacement

Lock: ✓ Well Cap: ✓ Bolts: ✓ Box: ✓

Remarks:

12"
7.91' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/ 8 /2018
Site:	921 Sebastopol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-6
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	— hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	—
Well cap & locked	(Yes) No	Remark:	—
Height of Riser	10"		
Well Box	(8") 12" 24"	Type of well box	MORRISON-DUB

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	✓	6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	38.61 gal
Time:	1057	Time:	1628	Actual Purge	15
Depth of Well	24.43'	Depth to Water	6.51		
Depth to Water	4.63'				

19.8' x 0.65 = 12.87 X 3 = 38.61

Sample

Start Purge 1611 Sample Time 1630

HANNA °F NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1616	72.6°	321	6.48					5
1621	72.7°	322	6.51					10
1626	73.0°	321	6.50					15

Sample Appearance CLEAR Lock —

Equipment Replacement

Lock	✓	Well Cap	—	Bolts	—	Box	—

Remarks:

15.84'
8.54' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/ 6 /2018
Site:	921 Sebastopol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-7A
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	✓ hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	✓
Well cap & locked	(Yes) No	Remark:	✓
Height of Riser	1"		
Well Box (8") 12" 24"	Type of well box	unk.	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	✓	4"		6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	7.62 gal.
Time:	1102	Time:	1519	Actual Purge	3.00
Depth of Well	19.9'	Depth to Water	4.22		
Depth to Water	4.03'				

15.87' X 0.16 = 2.54 x 3 = 7.62

Sample

Start Purge: 1511 Sample Time: 1521

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1513	66.3	320	6.72					1.00
1515	66.5	317	6.67					2.00
1517	66.4	315	6.46					3.00

Sample Appearance: CLEAR Lock: ✓

Equipment Replacement

Lock	✓	Well Cap	✓	Bolts	✓	Box	✓

Remarks:

12.70'
7.2' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/ 8 /2018
Site:	921 Sebastopol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-8
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	— hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	—
Well cap & locked	(Yes) No	Remark:	—
Height of Riser	2"		
Well Box	8" (12") 24"	Type of well box	UNIVERSAL

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	✓	6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	27.93 gal.
Time:	1109	Time:	1659	Actual Purge	12
Depth of Well	19.98'	Depth to Water	5.81		
Depth to Water	5.66'				

14.32' x 0.65 = 9.31 x 3 = 27.93

Sample

Start Purge 1646 Sample Time 1702

HANNA °F

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1650	72.7°	539	6.95					4
1654	72.7°	535	6.98					8
1658	72.6°	534	7.01					12

Sample Appearance: CLEAR Lock: —

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks:

11.46'
8.52' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/ 8 /2018
Site:	921 Sebastopol Road	Project Number	921
	Santa Rosa, CA	**Well Designation:**	MW-9
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	— hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	—
Well cap & locked	(Yes) No	Remark:	—
Height of Riser	1/4"		
Well Box	8" (12") 24"	Type of well box	PEMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	✓	6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	28.62 gal.
Time:	1118	Time:	1734	Actual Purge	12
Depth of Well	20.0'	Depth to Water	8.02		
Depth to Water	5.33'				

14.67' x 0.65 = 9.54 x 3 = 28.62

Sample

Start Purge 1720 Sample Time 1736

HANNA °F

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1724	70.7	321	6.17					4
1728	70.5	319	6.17					8
1732	70.7	317	6.16					12

Sample Appearance CLEAR Lock —

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks: —

11.74'
8.26' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/ 9 /2018
Site:	921 Sebastopol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	DTSC -10
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time	- hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	-
Well cap & locked	(Yes) No	Remark:	-
Height of Riser	1/2"		
Well Box (8") 12" 24"		Type of well box	CHRISTY

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	✓	6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	27.51 gal.
Time:	1124	Time:	0737	Actual Purge	16.00
Depth of Well	18.65'	Depth to Water	5.85		
Depth to Water	4.55'				
	14.1' × 0.65 = 9.17 × 3 = 27.51				

Sample

	Start Purge	0720	Sample Time 0739
HANNA °F		PS	

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0724	68.7°	149	6.13					4
0728	69.4°	190	6.23					8
0732	70.3°	243	6.72					12
0734	70.4°	250	6.75					14
0736	70.4°	252	6.76					16

Sample Appearance	CLEAR	Lock	-

Equipment Replacement

Lock	✓	Well Cap	✓	Bolts	-	Box	-

Remarks:

11.28'
7.37' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 921 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/9/2018
Project Number: 921
Well Designation: MW-10B

Well Box Condition/Traffic

Traffic Control	Yes	(No)	Time: —	hours
Standing water	(Yes)	No	above or (below) casing	
Top of well level	(Yes)	No	Remark: —	
Well cap & locked	(Yes)	No	Remark: ✓	
Height of Riser	16"			
Well Box (8") 12" 24"			Type of well box: MORRISON-DUB	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

	2"	4"	6"	8"
Well Diameter	✓			
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	15.73 gal
Time:	1129	Time:	0804	Actual Purge	7.00
Depth of Well	39.10'	Depth to Water	1141		
Depth to Water	6.33'				

32.77' x 0.16 = 5.24 x 3 = 15.73

Sample

Start Purge: 0745 — Sample Time: 0806

HANNA °F NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0749	73.5°	571	6.99					2
0753	75.7°	674	6.83					4
0757	76.0°	680	6.81					6
0759	76.1°	681	6.80					7

Sample Appearance: CLEAR — Lock: —

Equipment Replacement

Lock: ✓ Well Cap: ✓ Bolts: ✓ Box: ✓

Remarks: ✓

26.22'
12.88' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/4/2018
Site:	921 Sebastopol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-11
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	✓
Well cap & locked	(Yes) No	Remark:	✓
Height of Riser	10"		
Well Box	8" (12") 24"	Type of well box	UNIVERSAL

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	✓	6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	27.90 gal.
Time:	11:36	Time:	0646	Actual Purge	13.00
Depth of Well	19.87'	Depth to Water	6.57		
Depth to Water	5.57'				

14.3' x 0.65 = 9.30 x 3 = 27.90

Sample

Start Purge 0631 — Sample Time 0647

HANNA °F VS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0634	68.7°	524	6.38					4
0638	69.9°	490	6.39					8
0642	70.3°	486	6.35					12
0643	70.1°	484	6.35					13

Sample Appearance: CLEAR — Lock: —

Equipment Replacement

Lock	—	Well Cap	✓	Bolts	✓	Box	✓

Remarks: ✓

11.44'
8.43' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 921 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 9 /2018
Project Number: 921
Well Designation: MW-12

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	2"		
Well Box 8" (12") 24"	Type of well box	MORRISON DUG	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"		6"		8"	
Purge Vol. Multiplier	0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.51 gal.
Time:	1140	Time:	0703	Actual Purge	3
Depth of Well	18.84'	Depth to Water	540		
Depth to Water	5.27'				

13.57' x 0.16 = 2.17 x 3 = 6.51

Sample

Start Purge 1651
HANNA °F NS
Sample Time 0704

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0658	67.5°	490	6.70					1
0700	67.6°	491	6.67					2
0702	67.3°	494	6.69					3

Sample Appearance: CLEAR
Lock: —

Equipment Replacement

Lock	✓	Well Cap	✓	Bolts	✓	Box	✓

Remarks:

10.86'
7.98' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 921 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/9/2018
Project Number: 921
Well Designation: MW-13

Well Box Condition/Traffic

Traffic Control	Yes	(No)	Time: —	hours
Standing water	Yes	(No)	above or below casing	
Top of well level	(Yes)	No	Remark: —	
Well cap & locked	(Yes)	No	Remark: —	
Height of Riser	3"			
Well Box 8" (12") 24"			Type of well box: MORRISON DUB	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

	2"	4"	6"	8"
Well Diameter:	✓			
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	7.6 gal.
Time:	1146	Time	1018	Actual Purge	3.5
Depth of Well	20.41'	Depth to Water	5.91		
Depth to Water	4.58'				

15.83' X 0.16 = 2.53 X 3 = 7.6

Sample

Start Purge: 1009 — Sample Time: 1020

HANNA °F NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1011	63.8°	354	6.80					1
1013	63.2°	330	6.83					2
1015	62.9°	324	6.84					3
1017	62.8°	322	6.86					3.5

Sample Appearance: CLEAR — Lock: —

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks:

12.66'
7.75' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil | Sample Data: 5/5/2018
Site: 921 Sebastopol Road | Project Number: 921
Santa Rosa, CA | **Well Designation:** MW-14A
Signature:

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	(Yes) No	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	1"		
Well Box (8") 12" 24"	Type of well box	MORRISON DUB	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.46 5gl.
Time:	1209	Time:	0625	Actual Purge	6
Depth of Well	19.10'	Depth to Water	5.63		
Depth to Water	5.65'				

13.45' x 0.16 = 2.15 x 3 = 6.46

Sample

Start Purge 0615 | Sample Time 0627

HANNA °F PS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0620	66.5°	470	6.32					1.
0622	66.5°	478	6.34					2.
0624	66.4°	472	6.34					3.

Sample Appearance: GREY/CLOUDY | Lock: ✓

Equipment Replacement

Lock	✓	Well Cap	✓	Bolts	✓	Box	✓

Remarks:

10.76'
8.34' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/3/2018
Site:	921 Sebastopol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-14B
Signature:	MWH		

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	— hours
Standing water	(Yes) No	above or (below) casing	
Top of well level	(Yes) No	Remark:	—
Well cap & locked	(Yes) No	Remark:	—
Height of Riser	6"		
Well Box (8") 12" 24"	Type of well box	MORRISON-DUB	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	✓	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	16.08 gal.
Time:	1157	Time:	1715	Actual Purge	7
Depth of Well	40.11'	Depth to Water	11.71		
Depth to Water	6.63'				

33.48' x 0.16 = 5.36 x 3 = 16.08

Sample

Start Purge 0555 Sample Time 1717

HANNA °F PS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0555	65.7°	506	6.64					2
0601	66.5°	485	6.65					4
0604	67.2°	498	6.65					6
0606	67.4°	502	6.71					7

Sample Appearance CLEAR Lock —

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	—

Remarks: SLOW RECHARGE / WAITED TO SAMPLE.

26.78'
13.33' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 921 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 8 /2018
Project Number: 921
Well Designation: MW-15A

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: —	
Height of Riser	1/2"		
Well Box (8") 12" 24"	Type of well box	MORRISON-DUB	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.51
Time:	1214	Time:	0544	Actual Purge	3.00
Depth of Well	19.10'	Depth to Water	5.59		
Depth to Water	5.52'				

13.58' x 0.16 = 2.17 x 3 = 6.51

941

Sample

Start Purge: 0537 Sample Time: 0546

HANNA °F PS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0539	65.6°	705	6.39					1
0541	65.8°	699	6.42					2
0543	65.8°	698	6.41					3

Sample Appearance: GREY CLOUDY Lock: ✓

Equipment Replacement

Lock	✓	Well Cap	✓	Bolts	✓	Box	✓

Remarks:

10.86'
8.24' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	5/ 8 /2018
Site:	921 Sebastopol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-15B
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	~ hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	~
Well cap & locked	(Yes) No	Remark:	~
Height of Riser	1/2"		
Well Box (8") 12" 24"		Type of well box	MORRISON DUB

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	✓	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	11.64 gal.
Time:	1203	Time:	0524	Actual Purge	5.0
Depth of Well	36.8'	Depth to Water	12.81		
Depth to Water	12.54'				

24.26' x 0.16 = 3.88 x 3 = 11.64

Sample

Start Purge 0515 Sample Time 0526

HANNA °F µS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0517	62.9°	751	6.58					1.5
0519	64.8°	697	6.39					3
0521	65.4°	699	6.39					4.5
0523	65.3°	694	6.40					5.0

Sample Appearance CLEAR Lock ~

Equipment Replacement

Lock / Well Cap ~ Bolts ~ Box ~

Remarks:

19.41'
17.39' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 921 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 8 /2018
Project Number: 921
Well Designation: RW-1

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	—
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	✓
Height of Riser	3"		
Well Box 8" 12" (24)	Type of well box	UNKNOWN	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

	2"	4"	6"	8"
Well Diameter			✓	
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	30.24 gal.
Time:	1026	Time:	1421	Actual Purge	12.00
Depth of Well	11.12'	Depth to Water	4.35		
Depth to Water	4.26'				

6.86 x 1.47 = 10.08 x 3 = 30.24

Sample

Start Purge: 1407 — Sample Time: 1423

HANNA °F NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1411	74.7°	355	6.65					4
1415	74.2°	350	6.64					8
1419	74.2°	352	6.64					12

Sample Appearance: CLEAR — Lock: ✓

Equipment Replacement

Lock	Well Cap	Bolts	Box
✓	✓	✓	✓

Remarks:

5.49'
5.63 = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 921 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/8/2018
Project Number: 921
Well Designation: RW-2

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: -	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: -	
Well cap & locked	(Yes) No	Remark: -	
Height of Riser	3"		
Well Box 8" 12" (24")	Type of well box	CNI	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	29.91 gal.
Time:	1031	Time:	1306	Actual Purge	17
Depth of Well	11.33'	Depth to Water	4.54		
Depth to Water	4.85'				

4.78 x 1.47 = 9.97 x 3 = 29.91

Sample

Start Purge: 1246 (HANNA °F 103)
Sample Time: 1308

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1251	76.6°	349	6.75					5
1256	73.6	336	6.67					10
1301	73.0	331	6.64					15
1303	72.8	330	6.67					17

Sample Appearance: CLEAR
Lock: -

Equipment Replacement

Lock	-	Well Cap	-	Bolts	-	Box	-

Remarks:

5.42'
5.91' = 80%

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 921 Sebastopol Road
Santa Rosa, CA
Signature:

Sample Data: 5/ 8 /2018
Project Number: 921
Well Designation: RW-3

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time: —	hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark: —	
Well cap & locked	(Yes) No	Remark: ✓	
Height of Riser	4"		
Well Box 8" 12" (24")	Type of well box	CNI	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	✓	Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	✓

Sampling -

Disposable Bailer	✓	Teflon Bailer		Disposable Tubing	

Well Purging

	2"	4"	6"	8"
Well Diameter:			✓	
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	29.55 gal.
Time:	1037	Time:	1600	Actual Purge	19
Depth of Well	11.21'	Depth to Water	4.59		
Depth to Water	4.51'				

6.7 x 1.47 = 9.85 x 3 = 29.55

Sample

Start Purge: 1540 — Sample Time: 1602

HANNA °F NS

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1545	70.0°	364	6.43					5
1550	70.1°	360	6.04					10
1555	70.1°	362	6.39					15
1557	70.1°	361	6.35					17
1559	70.1°	362	6.34					19

Sample Appearance: CLEAR — Lock: ✓

Equipment Replacement

Lock	—	Well Cap	—	Bolts	—	Box	✓

Remarks:

5.36'
5.85' = 80%

ENCLOSURE C

Groundwater Monitoring Analytical Results

EXCELCHEM
Environmental Labs

1135 W Sunset Boulevard
Suite A
Rocklin, CA 95765
Phone# 916-543-4445
Fax# 916-543-4449

ELAP Certificate No. : 2119

30 July 2018

Richard Munsch

RDM

8915 Los Posas Court

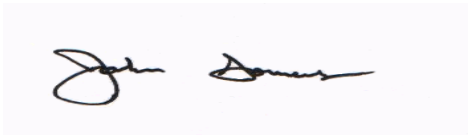
Granite Bay, CA 95746

RE: ROC 921/ROC/ ATTN: Chris Brown

Work order number:1805078

Enclosed are the results of analyses for samples received by the laboratory on 05/09/18 15:30. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,



John Somers, Lab Director

Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	1805078-01	Ground Water	05/08/18 13:56	05/09/18 15:30
MW-2	1805078-02	Ground Water	05/09/18 09:49	05/09/18 15:30
MW-3	1805078-03	Ground Water	05/09/18 09:16	05/09/18 15:30
MW-4	1805078-04	Ground Water	05/09/18 08:37	05/09/18 15:30
MW-5A	1805078-05	Ground Water	05/08/18 14:55	05/09/18 15:30
MW-6	1805078-06	Ground Water	05/08/18 16:30	05/09/18 15:30
MW-7A	1805078-07	Ground Water	05/08/18 15:21	05/09/18 15:30
MW-8	1805078-08	Ground Water	05/08/18 17:02	05/09/18 15:30
MW-9	1805078-09	Ground Water	05/08/18 17:36	05/09/18 15:30
DTSC-10	1805078-10	Ground Water	05/09/18 07:39	05/09/18 15:30
MW-10B	1805078-11	Ground Water	05/09/18 08:06	05/09/18 15:30
MW-11	1805078-12	Ground Water	05/09/18 06:47	05/09/18 15:30
MW-12	1805078-13	Ground Water	05/09/18 07:04	05/09/18 15:30
MW-13	1805078-14	Ground Water	05/09/18 10:20	05/09/18 15:30
MW-14A	1805078-15	Ground Water	05/08/18 06:27	05/09/18 15:30
MW-14B	1805078-16	Ground Water	05/08/18 17:17	05/09/18 15:30
MW-15A	1805078-17	Ground Water	05/08/18 05:46	05/09/18 15:30
MW-15B	1805078-18	Ground Water	05/08/18 05:26	05/09/18 15:30
RW-1	1805078-19	Ground Water	05/08/18 14:23	05/09/18 15:30
RW-2	1805078-20	Ground Water	05/08/18 13:08	05/09/18 15:30
RW-3	1805078-21	Ground Water	05/08/18 16:02	05/09/18 15:30

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-1
1805078-01 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0160	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	**0.6**	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.5 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0135	05/15/18	05/17/18	EPA 8015Mod	

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Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-2
1805078-02 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**147**	50.0	ug/l	A\E0160	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	**2.4**	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*96.8 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**260**	50.0	ug/l	A\E0135	05/15/18	05/17/18	EPA 8015Mod	D-18

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Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-3
1805078-03 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**2210**	50.0	ug/l	A\E0160	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**1.4**	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	**1.0**	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*98.7 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0135	05/15/18	05/17/18	EPA 8015Mod	

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Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-4
1805078-04 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0160	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*98.3 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0135	05/15/18	05/17/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-5A
1805078-05 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0160	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*107 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.8 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-6
1805078-06 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0160	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.8 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-7A
1805078-07 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0160	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*107 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.0 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-8
1805078-08 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0160	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*98.3 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-9
1805078-09 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0160	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.1 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

DTSC-10
1805078-10 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0160	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	**0.6**	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*107 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*98.6 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0135	05/15/18	05/17/18	EPA 8015Mod	

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MW-10B
1805078-11 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0176	05/17/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	**51.0**	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*94.9 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0135	05/15/18	05/17/18	EPA 8015Mod	

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Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-11
1805078-12 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**1730**	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**0.5**	0.5	"	"	"	"	"	
Toluene	**0.5**	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*102 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/17/18	EPA 8015Mod	

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MW-12
1805078-13 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**1740**	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**1.4**	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*99.7 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/17/18	EPA 8015Mod	

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Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-13
1805078-14 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*98.4 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/17/18	EPA 8015Mod	

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Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-14A
1805078-15 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**241**	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	D-06
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	**4.0**	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*100 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

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Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-14B
1805078-16 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0155	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	**3.2**	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*101 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*98.3 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/16/18	EPA 8015Mod	

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Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

MW-15A
1805078-17 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0155	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.3 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0135	05/15/18	05/16/18	EPA 8015Mod	

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MW-15B
1805078-18 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0155	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.0 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0135	05/15/18	05/16/18	EPA 8015Mod	

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RW-1
1805078-19 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0155	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.3 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/16/18	EPA 8015Mod	

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RW-2
1805078-20 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0155	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.2 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/16/18	EPA 8015Mod	

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Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

RW-3
1805078-21 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0160	05/16/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.3 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/16/18	EPA 8015Mod	

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8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0155 - EPA 8260B										
Blank (A\E0155-BLK1)				Prepared & Analyzed: 05/15/18						
Surrogate: Dibromofluoromethane	*13.0*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.2*		*"*	*12.5*		*97.6*	*70-130*			
Gasoline Range Hydrocarbons	ND	50.0	"							
TBA	ND	2.5	"							
Methyl tert-Butyl Ether	ND	0.5	"							
Di-isopropyl ether	ND	0.5	"							
Ethyl tert-Butyl Ether	ND	0.5	"							
Tert-Amyl Methyl Ether	ND	0.5	"							
Benzene	ND	0.5	"							
Toluene	ND	0.5	"							
Ethylbenzene	ND	0.5	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.5	"							
Xylenes, total	ND	1.0	"							
1,1-Dichloroethene	ND	0.5	"							
Trichloroethene	ND	0.5	"							
Chlorobenzene	ND	0.5	"							
LCS (A\E0155-BS1)				Prepared & Analyzed: 05/15/18						
Surrogate: Dibromofluoromethane	*13.0*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.7*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.5*		*"*	*12.5*		*99.9*	*70-130*			
Benzene	19.5	0.5	"	20.0		97.4	80-120			
Toluene	19.5	0.5	"	20.0		97.5	80-120			
1,1-Dichloroethene	19.9	0.5	"	20.0		99.5	80-120			
Trichloroethene	19.5	0.5	"	20.0		97.5	80-120			
Chlorobenzene	19.5	0.5	"	20.0		97.4	80-120			

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0155 - EPA 8260B										
LCS Dup (A\E0155-BSD1)				Prepared & Analyzed: 05/15/18						
Surrogate: Dibromofluoromethane	*13.1*		*ug/l*	*12.5*		*105*	*70-130*			
Surrogate: Toluene-d8	*12.7*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.4*		*"*	*12.5*		*99.1*	*70-130*			
Benzene	21.2	0.5	"	20.0		106	80-120	8.45	15	
Toluene	21.2	0.5	"	20.0		106	80-120	8.44	15	
1,1-Dichloroethene	21.8	0.5	"	20.0		109	80-120	9.29	15	
Trichloroethene	21.0	0.5	"	20.0		105	80-120	7.21	15	
Chlorobenzene	21.4	0.5	"	20.0		107	80-120	9.34	15	
Matrix Spike (A\E0155-MS1)		**Source: 1805077-02**		Prepared & Analyzed: 05/17/18						
Surrogate: Dibromofluoromethane	*13.0*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.2*		*"*	*12.5*		*97.6*	*70-130*			
Benzene	19.9	0.5	"	20.0	ND	99.3	80-120			
Toluene	20.1	0.5	"	20.0	ND	101	80-120			
1,1-Dichloroethene	20.4	0.5	"	20.0	ND	102	80-120			
Trichloroethene	19.8	0.5	"	20.0	ND	99.0	80-120			
Chlorobenzene	20.2	0.5	"	20.0	ND	101	80-120			
Matrix Spike Dup (A\E0155-MSD1)		**Source: 1805077-02**		Prepared & Analyzed: 05/17/18						
Surrogate: Dibromofluoromethane	*13.0*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.9*		*"*	*12.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.3*		*"*	*12.5*		*98.3*	*70-130*			
Benzene	20.1	0.5	"	20.0	ND	101	80-120	1.30	15	
Toluene	20.2	0.5	"	20.0	ND	101	80-120	0.644	15	
1,1-Dichloroethene	20.4	0.5	"	20.0	ND	102	80-120	0.196	15	
Trichloroethene	20.1	0.5	"	20.0	ND	101	80-120	1.55	15	
Chlorobenzene	20.4	0.5	"	20.0	ND	102	80-120	0.787	15	

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8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0160 - EPA 8260B										
Blank (A\E0160-BLK1)				Prepared & Analyzed: 05/15/18						
Surrogate: Dibromofluoromethane	*13.0*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.6*		*"*	*12.5*		*101*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.3*		*"*	*12.5*		*98.6*	*70-130*			
Gasoline Range Hydrocarbons	ND	50.0	"							
TBA	ND	2.5	"							
Methyl tert-Butyl Ether	ND	0.5	"							
Di-isopropyl ether	ND	0.5	"							
Ethyl tert-Butyl Ether	ND	0.5	"							
Tert-Amyl Methyl Ether	ND	0.5	"							
Benzene	ND	0.5	"							
Toluene	ND	0.5	"							
Ethylbenzene	ND	0.5	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.5	"							
Xylenes, total	ND	1.0	"							
1,1-Dichloroethene	ND	0.5	"							
Trichloroethene	ND	0.5	"							
Chlorobenzene	ND	0.5	"							
LCS (A\E0160-BS1)				Prepared & Analyzed: 05/15/18						
Surrogate: Dibromofluoromethane	*12.9*		*ug/l*	*12.5*		*103*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.3*		*"*	*12.5*		*98.6*	*70-130*			
Benzene	18.4	0.5	"	20.0		91.7	80-120			
Toluene	18.4	0.5	"	20.0		91.7	80-120			
1,1-Dichloroethene	18.8	0.5	"	20.0		93.7	80-120			
Trichloroethene	18.2	0.5	"	20.0		90.8	80-120			
Chlorobenzene	18.5	0.5	"	20.0		92.6	80-120			

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8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0160 - EPA 8260B										
LCS Dup (A\E0160-BSD1)				Prepared & Analyzed: 05/15/18						
Surrogate: Dibromofluoromethane	*12.9*		*ug/l*	*12.5*		*103*	*70-130*			
Surrogate: Toluene-d8	*12.9*		*"*	*12.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.3*		*"*	*12.5*		*98.6*	*70-130*			
Benzene	20.1	0.5	"	20.0		100	80-120	8.95	15	
Toluene	20.1	0.5	"	20.0		100	80-120	9.10	15	
1,1-Dichloroethene	20.5	0.5	"	20.0		103	80-120	9.01	15	
Trichloroethene	20.1	0.5	"	20.0		101	80-120	10.2	15	
Chlorobenzene	20.3	0.5	"	20.0		101	80-120	9.17	15	
Matrix Spike (A\E0160-MS1)		**Source: 1805078-21**		Prepared & Analyzed: 05/17/18						
Surrogate: Dibromofluoromethane	*13.2*		*ug/l*	*12.5*		*106*	*70-130*			
Surrogate: Toluene-d8	*12.9*		*"*	*12.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.3*		*"*	*12.5*		*98.2*	*70-130*			
Benzene	20.8	0.5	"	20.0	ND	104	80-120			
Toluene	20.9	0.5	"	20.0	ND	104	80-120			
1,1-Dichloroethene	21.6	0.5	"	20.0	ND	108	80-120			
Trichloroethene	20.8	0.5	"	20.0	ND	104	80-120			
Chlorobenzene	21.2	0.5	"	20.0	ND	106	80-120			
Matrix Spike Dup (A\E0160-MSD1)		**Source: 1805078-21**		Prepared & Analyzed: 05/17/18						
Surrogate: Dibromofluoromethane	*12.9*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.2*		*"*	*12.5*		*97.9*	*70-130*			
Benzene	19.7	0.5	"	20.0	ND	98.3	80-120	5.53	15	
Toluene	19.6	0.5	"	20.0	ND	98.0	80-120	6.42	15	
1,1-Dichloroethene	20.1	0.5	"	20.0	ND	101	80-120	6.86	15	
Trichloroethene	19.7	0.5	"	20.0	ND	98.2	80-120	5.73	15	
Chlorobenzene	20.0	0.5	"	20.0	ND	99.7	80-120	6.17	15	

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8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0176 - EPA 8260B										
Blank (A\E0176-BLK1)				Prepared & Analyzed: 05/18/18						
Surrogate: Dibromofluoromethane	*13.0*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.7*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.5*		*"*	*12.5*		*100*	*70-130*			
Gasoline Range Hydrocarbons	ND	50.0	"							
TBA	ND	2.5	"							
Methyl tert-Butyl Ether	ND	0.5	"							
Di-isopropyl ether	ND	0.5	"							
Ethyl tert-Butyl Ether	ND	0.5	"							
Tert-Amyl Methyl Ether	ND	0.5	"							
Benzene	ND	0.5	"							
Toluene	ND	0.5	"							
Ethylbenzene	ND	0.5	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.5	"							
Xylenes, total	ND	1.0	"							
1,1-Dichloroethene	ND	0.5	"							
Trichloroethene	ND	0.5	"							
Chlorobenzene	ND	0.5	"							
LCS (A\E0176-BS1)				Prepared & Analyzed: 05/18/18						
Surrogate: Dibromofluoromethane	*13.1*		*ug/l*	*12.5*		*105*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.2*		*"*	*12.5*		*97.6*	*70-130*			
Benzene	19.5	0.5	"	20.0		97.4	80-120			
Toluene	19.5	0.5	"	20.0		97.4	80-120			
1,1-Dichloroethene	20.2	0.5	"	20.0		101	80-120			
Trichloroethene	19.4	0.5	"	20.0		97.1	80-120			
Chlorobenzene	19.8	0.5	"	20.0		99.0	80-120			

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0176 - EPA 8260B										
LCS Dup (A\E0176-BSD1)				Prepared & Analyzed: 05/18/18						
Surrogate: Dibromofluoromethane	*13.2*		*ug/l*	*12.5*		*105*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.1*		*"*	*12.5*		*97.1*	*70-130*			
Benzene	19.8	0.5	"	20.0		99.2	80-120	1.78	15	
Toluene	19.8	0.5	"	20.0		98.7	80-120	1.38	15	
1,1-Dichloroethene	20.6	0.5	"	20.0		103	80-120	2.30	15	
Trichloroethene	19.7	0.5	"	20.0		98.3	80-120	1.23	15	
Chlorobenzene	20.2	0.5	"	20.0		101	80-120	1.75	15	
Matrix Spike (A\E0176-MS1)		**Source: 1805077-15**		Prepared & Analyzed: 05/18/18						
Surrogate: Dibromofluoromethane	*13.1*		*ug/l*	*12.5*		*105*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.2*		*"*	*12.5*		*97.8*	*70-130*			
Benzene	20.0	0.5	"	20.0	ND	100	80-120			
Toluene	20.2	0.5	"	20.0	ND	101	80-120			
1,1-Dichloroethene	20.7	0.5	"	20.0	ND	103	80-120			
Trichloroethene	20.4	0.5	"	20.0	0.3	101	80-120			
Chlorobenzene	20.5	0.5	"	20.0	ND	102	80-120			
Matrix Spike Dup (A\E0176-MSD1)		**Source: 1805077-15**		Prepared & Analyzed: 05/18/18						
Surrogate: Dibromofluoromethane	*13.1*		*ug/l*	*12.5*		*105*	*70-130*			
Surrogate: Toluene-d8	*12.9*		*"*	*12.5*		*104*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.2*		*"*	*12.5*		*97.5*	*70-130*			
Benzene	19.6	0.5	"	20.0	ND	98.0	80-120	2.17	15	
Toluene	19.9	0.5	"	20.0	ND	99.2	80-120	1.65	15	
1,1-Dichloroethene	19.9	0.5	"	20.0	ND	99.4	80-120	3.94	15	
Trichloroethene	20.0	0.5	"	20.0	0.3	98.7	80-120	1.83	15	
Chlorobenzene	20.0	0.5	"	20.0	ND	99.9	80-120	2.37	15	

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RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

Total Petroleum Hydrocarbons by FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0094 - EPA 8015Mod										
Blank (A\E0094-BLK1)				Prepared & Analyzed: 05/14/18						
TPH as Diesel	ND	50.0	ug/l							
LCS (A\E0094-BS1)				Prepared & Analyzed: 05/14/18						
TPH as Diesel	4480	50.0	ug/l	5000		89.7	70-130			
LCS Dup (A\E0094-BSD1)				Prepared & Analyzed: 05/14/18						
TPH as Diesel	3980	50.0	ug/l	5000		79.5	70-130	12.0	30	
Matrix Spike (A\E0094-MS1)		**Source: 1805077-10**		Prepared: 05/14/18 Analyzed: 05/21/18						
TPH as Diesel	3800	50.0	ug/l	5000	ND	76.1	70-130			
Matrix Spike Dup (A\E0094-MSD1)		**Source: 1805077-10**		Prepared: 05/14/18 Analyzed: 05/21/18						
TPH as Diesel	2670	50.0	ug/l	5000	ND	53.5	70-130	34.9	30	QM-11
Batch A\E0125 - EPA 8015Mod										
Blank (A\E0125-BLK1)				Prepared: 05/14/18 Analyzed: 05/16/18						
TPH as Diesel	ND	50.0	ug/l							
LCS (A\E0125-BS1)				Prepared: 05/14/18 Analyzed: 05/16/18						
TPH as Diesel	4200	50.0	ug/l	5000		84.1	70-130			
LCS Dup (A\E0125-BSD1)				Prepared: 05/14/18 Analyzed: 05/16/18						
TPH as Diesel	4520	50.0	ug/l	5000		90.4	70-130	7.18	30	
Matrix Spike (A\E0125-MS1)		**Source: 1805077-20**		Prepared: 05/14/18 Analyzed: 05/21/18						
TPH as Diesel	3830	50.0	ug/l	5000	ND	76.6	70-130			

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8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

Total Petroleum Hydrocarbons by FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0125 - EPA 8015Mod										
Matrix Spike Dup (A\E0125-MSD1)		**Source: 1805077-20**		Prepared: 05/14/18 Analyzed: 05/21/18						
TPH as Diesel	3890	50.0	ug/l	5000	ND	77.9	70-130	1.68	30	
Batch A\E0135 - EPA 8015Mod										
Blank (A\E0135-BLK1)				Prepared: 05/15/18 Analyzed: 05/18/18						
TPH as Diesel	ND	50.0	ug/l							
LCS (A\E0135-BS1)				Prepared: 05/15/18 Analyzed: 05/18/18						
TPH as Diesel	4590	50.0	ug/l	5000		91.8	70-130			
LCS Dup (A\E0135-BSD1)				Prepared: 05/15/18 Analyzed: 05/18/18						
TPH as Diesel	3730	50.0	ug/l	5000		74.7	70-130	20.5	30	
Matrix Spike (A\E0135-MS1)		**Source: 1805078-02**		Prepared: 05/15/18 Analyzed: 05/21/18						
TPH as Diesel	3950	50.0	ug/l	5000	260	73.8	70-130			
Matrix Spike Dup (A\E0135-MSD1)		**Source: 1805078-02**		Prepared: 05/15/18 Analyzed: 05/21/18						
TPH as Diesel	4030	50.0	ug/l	5000	260	75.4	70-130	1.90	30	

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8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

Notes and Definitions

QM-11	The spike recovery and RPD for this analyte is out of QA/QC parameters due to matrix interferences.
D-18	The sample chromatogram does not match the standard diesel chromatogram. All peaks were integrated within the diesel range. The result is an estimated value.
D-06	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
ND	Analyte not detected at reporting limit.
NR	Not reported

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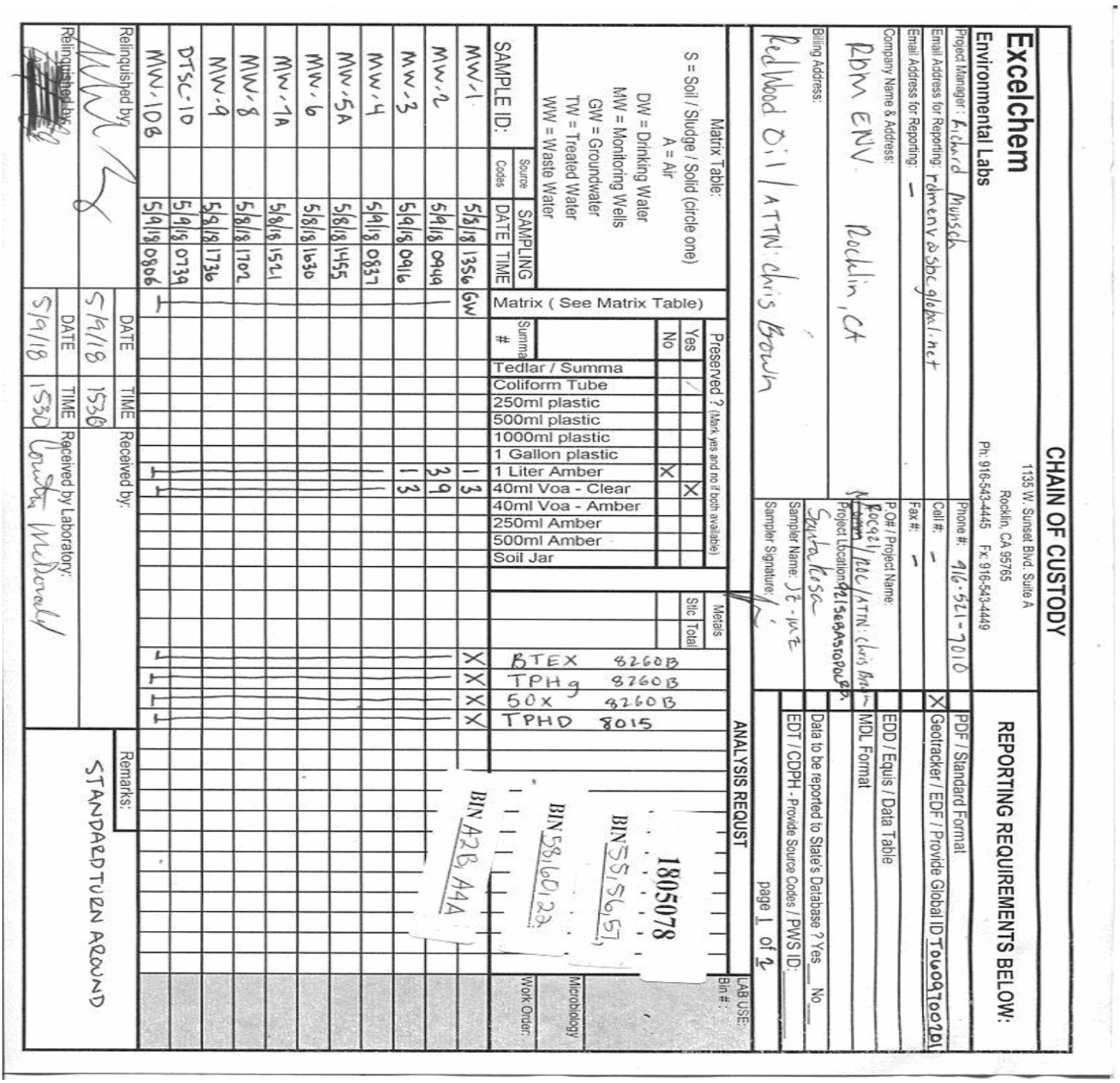
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18



CHAIN OF CUSTODY

Excelchem
Environmental Labs
1135 W. Sunset Blvd. Suite A
Rocklin, CA 95765
Ph: 916-543-4445 Fx: 916-543-4449

REPORTING REQUIREMENTS BELOW:

Project Manager: Richard Munsch | Phone #: 916-521-7010 | PDF / Standard Format
Email Address for Reporting: rdmenv@sbcglobal.net | Cell #: - | X Geotracker / EDF / Provide Global ID T0609700201
Email Address for Reporting: - | Fax #: - | EDD / Equis / Data Table
Company Name & Address: RDM ENV Rocklin, CA | P.O# / Project Name: Accrual / ROC/ATTN: Chris Brown | MDL Format
Billing Address: Redwood Oil / ATTN: Chris Brown | Project Location: 921 Sepastopol Rd. Santa Rosa | Data to be reported to State's Database? Yes ___ No ___
Sampler Name: JR - WE | EDT / CDPH - Provide Source Codes / PWS ID: ___
Sampler Signature: | page 1 of 2

Matrix Table:
S = Soil / Sludge / Solid (circle one)
A = Air
DW = Drinking Water
MW = Monitoring Wells
GW = Groundwater
TW = Treated Water
WW = Waste Water

ANALYSIS REQUST

SAMPLE ID:	Source Codes	SAMPLING DATE	SAMPLING TIME	Matrix (See Matrix Table)	Preserved ? (Mark yes and no if both available) Yes	No	Summa #	Metals Stlc	Metals Total	BTEX 8260B	TPHg 8260B	5OX 8260B	TPHD 8015
MW-1		5/8/18	1356	GW			13			X	X	X	X
MW-2		5/9/18	0949				39						
MW-3		5/9/18	0916				13						
MW-4		5/9/18	0837										
MW-5A		5/8/18	1455										
MW-6		5/8/18	1630										
MW-7A		5/8/18	1521										
MW-8		5/8/18	1702										
MW-9		5/8/18	1736										
DTSC-10		5/9/18	0739										
MW-10B		5/9/18	0806										

Tedlar / Summa
Coliform Tube
250ml plastic
500ml plastic
1000ml plastic
1 Gallon plastic
1 Liter Amber
40ml Voa - Clear
40ml Voa - Amber
250ml Amber
500ml Amber
Soil Jar

1805078
BIN 55156 57
BIN 58160 23
BIN A2B A4A

LAB USE: Bin #:
Microbiology
Work Order:

Relinquished by: | DATE 5/9/18 | TIME 1530 | Received by: | DATE | TIME
Relinquished by: | DATE 5/9/18 | TIME 1530 | Received by Laboratory: Courtney McDonald

Remarks: STANDARD TURN AROUND

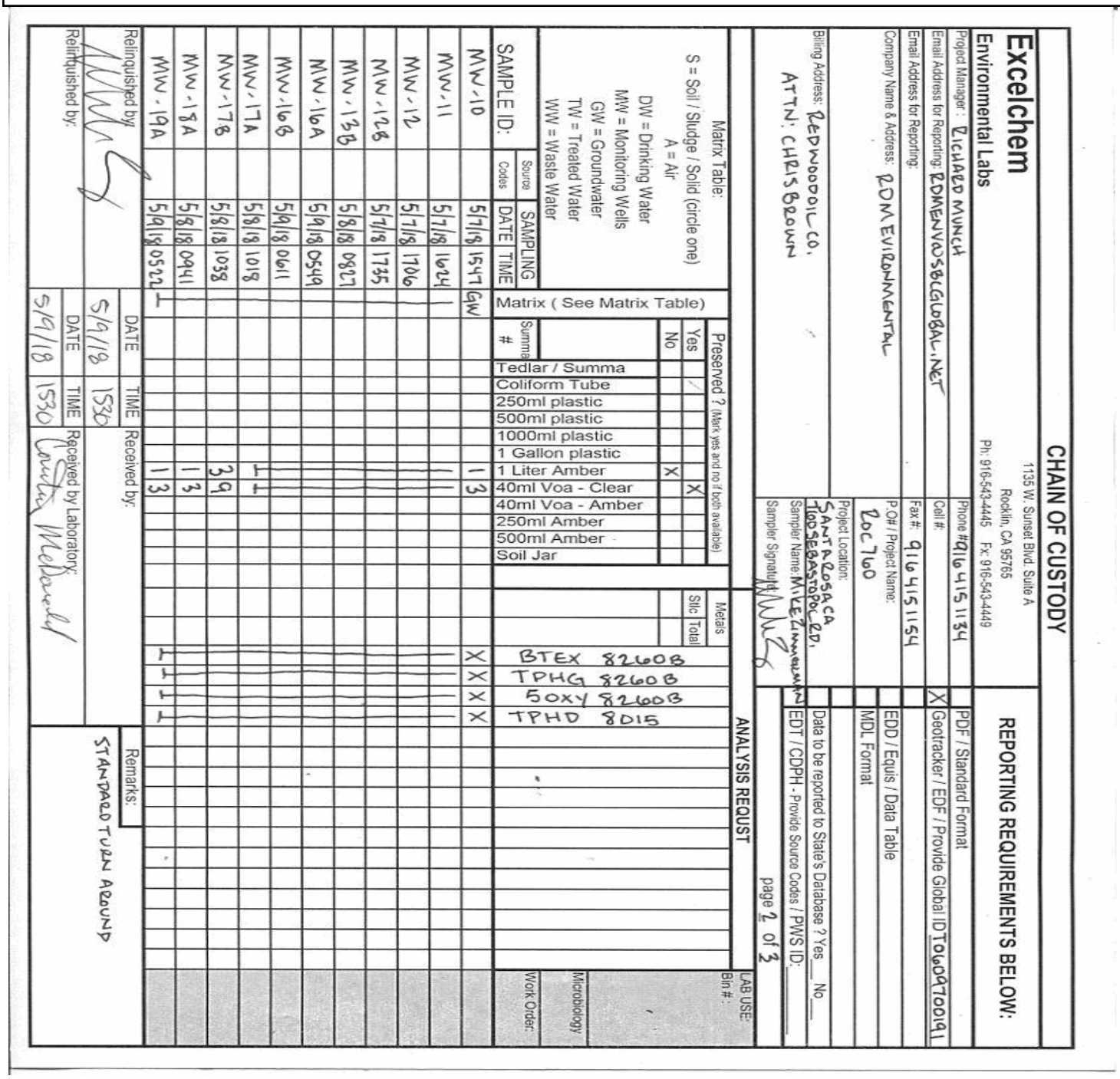
Excelchem Environmental Lab

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.

Laboratory Representative

Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18



Excelchem — Environmental Labs
1135 W. Sunset Blvd. Suite A, Rocklin, CA 95765
Ph: 916-543-4445 Fx: 916-543-4449

CHAIN OF CUSTODY

Project Manager: RICHARD MUNCH
Email Address for Reporting: RDMENVASSOCGLOBAL.NET
Email Address for Reporting:
Company Name & Address: RDM ENVIRONMENTAL
Billing Address: REDWOOD OIL CO. ATTN: CHRIS BROWN
Phone #916 415 1134
Cell #:
Fax #: 916 415 1154
P.O# / Project Name: ROC 760
Project Location: SANTA ROSA CA 1100 SEBASTOPOL RD.
Sampler Name: MIKE ZIMMERMAN
Sampler Signature:

REPORTING REQUIREMENTS BELOW:

- X PDF / Standard Format
- X Geotracker / EDF / Provide Global ID T0609700191
- EDD / Equis / Data Table
- MDL Format
- Data to be reported to State's Database ? Yes ___ No ___
- EDT / CDPH - Provide Source Codes / PWS ID: _____

page 1 of 2

Matrix Table: S = Soil / Sludge / Solid (circle one); A = Air; DW = Drinking Water; MW = Monitoring Wells; GW = Groundwater; TW = Treated Water; WW = Waste Water

Preserved ? (Mark yes and no if both available)

Matrix (See Matrix Table)	Summa #	Yes	No
Tedlar / Summa			
Coliform Tube			
250ml plastic			
500ml plastic			
1000ml plastic			
1 Gallon plastic			
1 Liter Amber	1	X	
40ml Voa - Clear	3		X
40ml Voa - Amber			
250ml Amber			
500ml Amber			
Soil Jar			

ANALYSIS REQUST

Metals: Stlc / Total

SAMPLE ID:	Source Codes	SAMPLING DATE	SAMPLING TIME	Matrix	BTEX 8260B	TPHG 8260B	5OXY 8260B	TPHD 8015	Work Order: Microbiology
MW-10		5/7/18	1547	GW	X	X	X	X	
MW-11		5/7/18	1624						
MW-12		5/7/18	1706						
MW-12B		5/7/18	1735						
MW-13B		5/8/18	0827						
MW-16A		5/9/18	0549						
MW-16B		5/9/18	0611						
MW-17A		5/8/18	1018						
MW-17B		5/8/18	1038						
MW-18A		5/8/18	0941						
MW-19A		5/9/18	0522						

LAB USE: Bin # :

Relinquished by: — DATE 5/9/18 — TIME 1530 — Received by:
Relinquished by: — DATE 5/9/18 — TIME 1530 — Received by Laboratory:

Remarks: STANDARD TURN AROUND

Excelchem Environmental Lab

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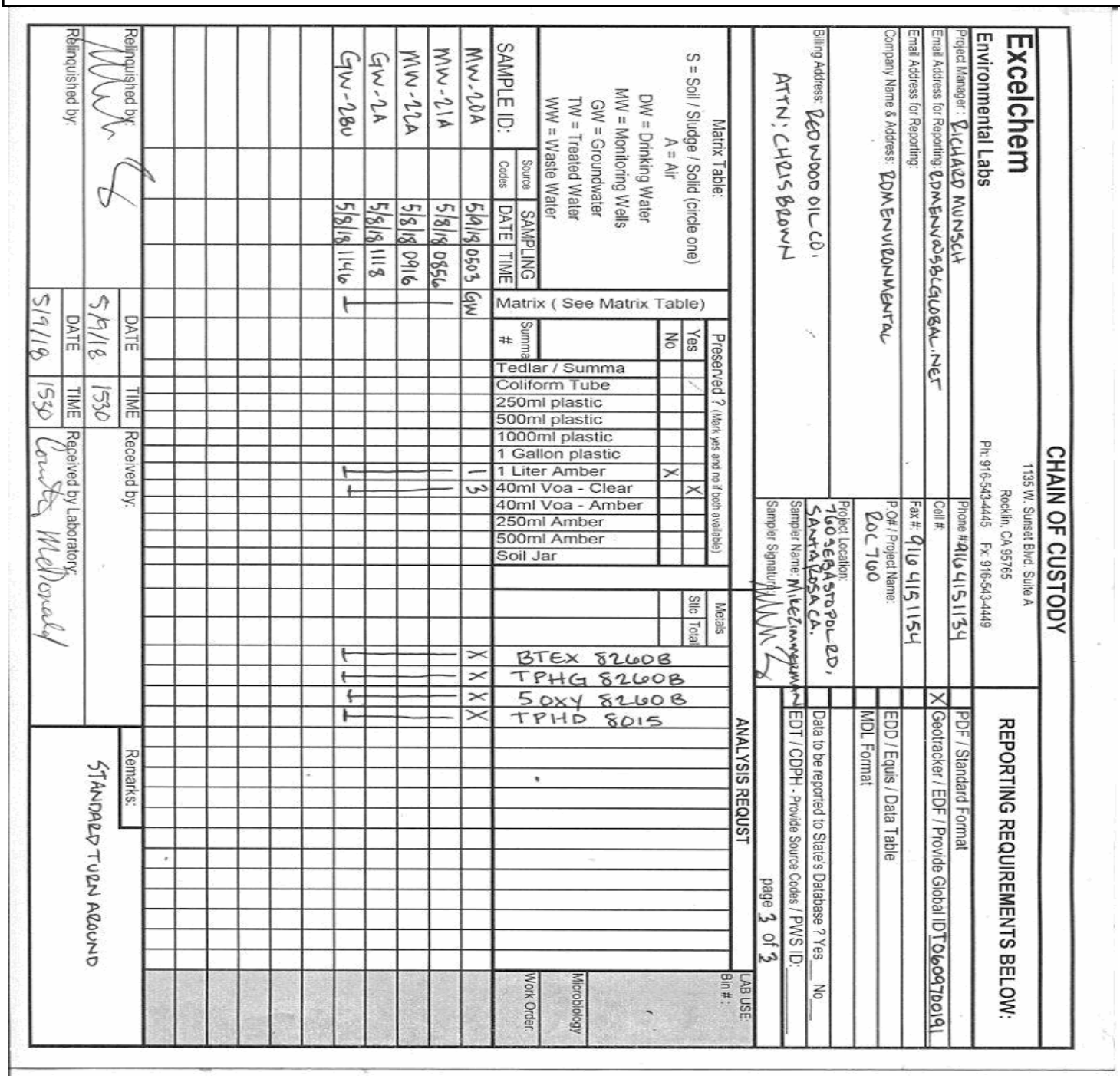
Laboratory Representative

Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18



Excelchem
Environmental Labs
Project Manager: RICHARD MUNSCH
Email Address for Reporting: RDMENVIRO@GLOBAL.NET
Email Address for Reporting:
Company Name & Address: RDM ENVIRONMENTAL
Billing Address: REDWOOD OIL CO. ATTN; CHRIS BROWN
Project Location: 7605 EBASTOPOL RD, SANTA ROSA CA.
Sampler Name: MIKE ZIMMERMAN
Sampler Signature:

CHAIN OF CUSTODY
1135 W. Sunset Blvd. Suite A
Rocklin, CA 95765
Ph: 916-543-4445 Fx: 916-543-4449

Phone # 916 415 1134
Cell #:
Fax #: 916 415 1154
P.O# / Project Name: ROC 760

REPORTING REQUIREMENTS BELOW:
PDF / Standard Format
X Geotracker / EDF / Provide Global ID T0609700191
EDD / Equis / Data Table
MDL Format
Data to be reported to State's Database ? Yes ___ No ___
EDT / CDPH - Provide Source Codes / PWS ID: ____
page 3 of 2

Matrix Table:
S = Soil / Sludge / Solid (circle one)
A = Air
DW = Drinking Water
MW = Monitoring Wells
GW = Groundwater
TW = Treated Water
WW = Waste Water

SAMPLE ID:	Source Codes	SAMPLING DATE	SAMPLING TIME	Matrix (See Matrix Table)	Preserved ? (Mark yes and no if both available) Yes	No	Summa #	Metals Stlc	Metals Total	ANALYSIS REQUST
				Tedlar / Summa						
				Coliform Tube						
				250ml plastic						
				500ml plastic						
				1000ml plastic						
				1 Gallon plastic						
				1 Liter Amber	X					BTEX 8260B
MW-20A		5/9/18	0503	40ml Voa - Clear		X	3		X	TPHG 8260B
MW-21A		5/8/18	0856	40ml Voa - Amber					X	5OXY 8260B
MW-22A		5/8/18	0916	250ml Amber					X	TPHD 8015
GW-2A		5/8/18	1118	500ml Amber						
GW-28D		5/8/18	1146	Soil Jar						

LAB USE:
Bin # :
Microbiology
Work Order:

Relinquished by: — DATE 5/9/18 — TIME 1530
Received by:
Relinquished by: — DATE 5/9/18 — TIME 1530
Received by Laboratory: Courtney McDonald

Remarks: STANDARD TURN AROUND

Excelchem Environmental Lab

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Laboratory Representative

Excelchem Environmental Labs

RDM	Project:	ROC 921/ROC/ ATTN: Chris Brown	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:18

Sample Integrity **WORK ORDER: 1805078**

Date Received: 05/9/2018

Section 1 – Sample Arrival Info.

Sample Transport: **Walk-In** Transported In: **Ice Chest**

Describe type of packing materials: **None**

Has chilling process begun? **Yes** Samples Received: **On Ice**

Temperature of Samples (°C): **4** Ice Chest Temperature(s) (°C): **7**

Section 2 – Bottle/Analysis Info.

	Yes	No	N/A	Comments
Did all bottles arrive unbroken and intact?	X			-
Did all bottle labels agree with COC?	X			-
Were correct containers used for the tests requested?	X			-
Were correct preservations used for the tests requested?	X			-
Was a sufficient amount of sample sent for tests indicated?	X			-
Were bubbles present in VOA Vials?: **(Volatile Methods Only)**		X		-

Section 3 – Summa/Flow regulator Info.

Used Summa#:	N/A
Unused Summa#:	
Cleaning Summa#:	
Regulator#:	
Was there any visual damage to summa canisters **or** flow regulators? **Explain.**	

Section 4 – COC Info.

	Completed Yes	No	Info From Comment		Completed Yes	No	Comments
Was COC Received	X		-	Analysis Requested	X		-
Date Sampled	X		-	Samples arrived within holding time	X		-
Time Sampled	X		-	Any hold times less than 72 hrs		X	-
Sample ID	X			Client Name	X		-
Rush TAT		X	-	Address/Telephone #	X		-

Section 5 – Comments / Discrepancies

Was Client notified of discrepancies: N/A Notified by: N/A

Explanations / Comments:

-

w

-

Samples Labeled by:	**CM**
Bin #s:	55, 56, 57, 58, 60, 22, A2B,A4A
COC Scanned/Attached by:	**CM**
Sample labels reviewed by:	**CM**

Filled out by: *Courtney McDonald* **Date:** 5/11/2018 **Time :** 15:43

Excelchem Environmental Lab

Laboratory Representative

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EXCELCHEM
Environmental Labs

1135 W Sunset Boulevard
Suite A
Rocklin, CA 95765
Phone# 916-543-4445
Fax# 916-543-4449

ELAP Certificate No. : 2119

30 July 2018

Richard Munsch

RDM

8915 Los Posas Court

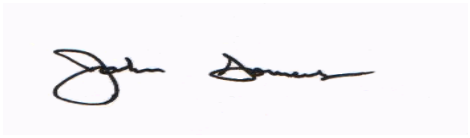
Granite Bay, CA 95746

RE: ROC 760

Work order number:1805077

Enclosed are the results of analyses for samples received by the laboratory on 05/09/18 15:30. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,



John Somers, Lab Director

Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	1805077-01	Ground Water	05/08/18 07:08	05/09/18 15:30
MW-2	1805077-02	Ground Water	05/07/18 12:54	05/09/18 15:30
MW-3	1805077-03	Ground Water	05/07/18 07:27	05/09/18 15:30
MW-3B	1805077-04	Ground Water	05/08/18 08:02	05/09/18 15:30
MW-4A	1805077-05	Ground Water	05/07/18 14:54	05/09/18 15:30
MW-6	1805077-06	Ground Water	05/07/18 12:05	05/09/18 15:30
MW-7	1805077-07	Ground Water	05/07/18 14:02	05/09/18 15:30
MW-8A	1805077-08	Water	05/07/18 13:20	05/09/18 15:30
MW-8B	1805077-09	Ground Water	05/07/18 13:43	05/09/18 15:30
DTSC-7	1805077-10	Ground Water	05/07/18 11:54	05/09/18 15:30
MW-9	1805077-11	Ground Water	05/07/18 15:27	05/09/18 15:30
MW-10	1805077-12	Ground Water	05/07/18 15:47	05/09/18 15:30
MW-11	1805077-13	Ground Water	05/07/18 16:24	05/09/18 15:30
MW-12	1805077-14	Ground Water	05/07/18 17:06	05/09/18 15:30
MW-12B	1805077-15	Ground Water	05/07/18 17:35	05/09/18 15:30
MW-13B	1805077-16	Ground Water	05/08/18 08:27	05/09/18 15:30
MW-16A	1805077-17	Ground Water	05/09/18 05:49	05/09/18 15:30
MW-16B	1805077-18	Ground Water	05/09/18 06:11	05/09/18 15:30
MW-17A	1805077-19	Ground Water	05/08/18 10:18	05/09/18 15:30
MW-17B	1805077-20	Ground Water	05/08/18 10:38	05/09/18 15:30
MW-18A	1805077-21	Ground Water	05/08/18 09:41	05/09/18 15:30
MW-19A	1805077-22	Ground Water	05/09/18 05:22	05/09/18 15:30
MW-20A	1805077-23	Ground Water	05/09/18 05:03	05/09/18 15:30
MW-21A	1805077-24	Ground Water	05/08/18 08:56	05/09/18 15:30
MW-22A	1805077-25	Ground Water	05/08/18 09:16	05/09/18 15:30
GW-2A	1805077-26	Ground Water	05/08/18 11:18	05/09/18 15:30
GW-2BU	1805077-27	Ground Water	05/08/18 11:46	05/09/18 15:30

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-1
1805077-01 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**725**	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**6.9**	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	**4.6**	0.5	"	"	"	"	"	
m,p-Xylene	**3.0**	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	**3.0**	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*98.6 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-2
1805077-02 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*96.8 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-3
1805077-03 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**1690**	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**1.8**	0.5	"	"	"	"	"	
Toluene	**0.6**	0.5	"	"	"	"	"	
Ethylbenzene	**0.9**	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*98.1 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	**336**	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-3B
1805077-04 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.9 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-4A
1805077-05 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.5 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-6
1805077-06 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**168**	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	D-06
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	**3.1**	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**42.3**	0.5	"	"	"	"	"	
Toluene	**1.5**	0.5	"	"	"	"	"	
Ethylbenzene	**0.6**	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*99.1 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-7
1805077-07 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**3300**	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**13.0**	0.5	"	"	"	"	"	
Toluene	**4.3**	0.5	"	"	"	"	"	
Ethylbenzene	**14.9**	0.5	"	"	"	"	"	
m,p-Xylene	**3.1**	1.0	"	"	"	"	"	
o-Xylene	**1.2**	0.5	"	"	"	"	"	
Xylenes, total	**4.3**	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*100 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-8A
1805077-08 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*99.4 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-8B
1805077-09 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.5 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

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8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

DTSC-7
1805077-10 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**180**	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	**2.9**	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**18.8**	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	**2.2**	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	**1.0**	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*95.7 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-9
1805077-11 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**1670**	50.0	ug/l	A\E0155	05/16/18	05/16/18	EPA 8260B	D-06
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*102 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/16/18	EPA 8015Mod	

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8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-10
1805077-12 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**697**	50.0	ug/l	A\E0176	05/17/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.0 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

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8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-11
1805077-13 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**643**	50.0	ug/l	A\E0176	05/17/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.8 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

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8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-12
1805077-14 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**2510**	50.0	ug/l	A\E0176	05/17/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**4.6**	0.5	"	"	"	"	"	
Toluene	**0.7**	0.5	"	"	"	"	"	
Ethylbenzene	**1.1**	0.5	"	"	"	"	"	
m,p-Xylene	**1.0**	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	**1.4**	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*99.3 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-12B
1805077-15 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0176	05/17/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	**0.5**	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*99.8 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/17/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-13B
1805077-16 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0176	05/17/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.4 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-16A
1805077-17 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**2280**	50.0	ug/l	A\E0176	05/17/18	05/17/18	EPA 8260B	D-03
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**3.2**	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	**1.5**	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*98.4 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/17/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-16B

1805077-18 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0176	05/17/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.7 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0094	05/14/18	05/17/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-17A
1805077-19 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**184**	50.0	ug/l	A\E0176	05/17/18	05/17/18	EPA 8260B	D-06
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*107 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.6 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-17B

1805077-20 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0176	05/17/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.3 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-18A
1805077-21 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**277**	50.0	ug/l	A\E0176	05/17/18	05/17/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**11.7**	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	**2.7**	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*98.2 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-19A
1805077-22 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**291**	50.0	ug/l	A\E0176	05/17/18	05/18/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	**1.0**	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*96.9 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0135	05/15/18	05/17/18	EPA 8015Mod	

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-20A
1805077-23 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**241**	50.0	ug/l	A\E0176	05/18/18	05/18/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*102 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*99.1 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0135	05/15/18	05/17/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-21A
1805077-24 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**195**	50.0	ug/l	A\E0176	05/18/18	05/18/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.8 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-22A
1805077-25 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**4380**	50.0	ug/l	A\E0176	05/18/18	05/18/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**6.7**	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	
Ethylbenzene	**56.4**	0.5	"	"	"	"	"	
o-Xylene	**0.7**	0.5	"	"	"	"	"	
Xylenes, total	**273**	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*103 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

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8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

MW-22A
1805077-25RE1 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
m,p-Xylene	**317**	10.0	ug/l	A\E0176	05/21/18	05/21/18	EPA 8260B	R-07
Xylenes, total	**317**	10.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*107 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*95.3 %*	% Recovery Limits		*70-130*			"	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

GW-2A
1805077-26 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	**797**	50.0	ug/l	A\E0176	05/18/18	05/18/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	**11.1**	0.5	"	"	"	"	"	
Toluene	**12.3**	0.5	"	"	"	"	"	
Ethylbenzene	**11.0**	0.5	"	"	"	"	"	
m,p-Xylene	**1.3**	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	**1.4**	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*97.5 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

GW-2BU
1805077-27 (Ground Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by GC/MS								
Gasoline Range Hydrocarbons	ND	50.0	ug/l	A\E0176	05/18/18	05/18/18	EPA 8260B	
TBA	ND	2.5	"	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Di-isopropyl ether	ND	0.5	"	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	
Tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	
Toluene	**1.0**	0.5	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	
o-Xylene	ND	0.5	"	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105 %*	% Recovery Limits		*70-130*			"	
Surrogate: Toluene-d8	*103 %*	% Recovery Limits		*70-130*			"	
Surrogate: 4-Bromofluorobenzene	*99.4 %*	% Recovery Limits		*70-130*			"	
Total Petroleum Hydrocarbons by FID								
TPH as Diesel	ND	50.0	ug/l	A\E0125	05/14/18	05/17/18	EPA 8015Mod	

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RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0155 - EPA 8260B										
Blank (A\E0155-BLK1)				Prepared & Analyzed: 05/15/18						
Surrogate: Dibromofluoromethane	*13.0*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.2*		*"*	*12.5*		*97.6*	*70-130*			
Gasoline Range Hydrocarbons	ND	50.0	"							
TBA	ND	2.5	"							
Methyl tert-Butyl Ether	ND	0.5	"							
Di-isopropyl ether	ND	0.5	"							
Ethyl tert-Butyl Ether	ND	0.5	"							
Tert-Amyl Methyl Ether	ND	0.5	"							
Benzene	ND	0.5	"							
Toluene	ND	0.5	"							
Ethylbenzene	ND	0.5	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.5	"							
Xylenes, total	ND	1.0	"							
1,1-Dichloroethene	ND	0.5	"							
Trichloroethene	ND	0.5	"							
Chlorobenzene	ND	0.5	"							
LCS (A\E0155-BS1)				Prepared & Analyzed: 05/15/18						
Surrogate: Dibromofluoromethane	*13.0*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.7*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.5*		*"*	*12.5*		*99.9*	*70-130*			
Benzene	19.5	0.5	"	20.0		97.4	80-120			
Toluene	19.5	0.5	"	20.0		97.5	80-120			
1,1-Dichloroethene	19.9	0.5	"	20.0		99.5	80-120			
Trichloroethene	19.5	0.5	"	20.0		97.5	80-120			
Chlorobenzene	19.5	0.5	"	20.0		97.4	80-120			

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0155 - EPA 8260B										
LCS Dup (A\E0155-BSD1)				Prepared & Analyzed: 05/15/18						
Surrogate: Dibromofluoromethane	*13.1*		*ug/l*	*12.5*		*105*	*70-130*			
Surrogate: Toluene-d8	*12.7*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.4*		*"*	*12.5*		*99.1*	*70-130*			
Benzene	21.2	0.5	"	20.0		106	80-120	8.45	15	
Toluene	21.2	0.5	"	20.0		106	80-120	8.44	15	
1,1-Dichloroethene	21.8	0.5	"	20.0		109	80-120	9.29	15	
Trichloroethene	21.0	0.5	"	20.0		105	80-120	7.21	15	
Chlorobenzene	21.4	0.5	"	20.0		107	80-120	9.34	15	
Matrix Spike (A\E0155-MS1)		**Source: 1805077-02**		Prepared & Analyzed: 05/17/18						
Surrogate: Dibromofluoromethane	*13.0*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.2*		*"*	*12.5*		*97.6*	*70-130*			
Benzene	19.9	0.5	"	20.0	ND	99.3	80-120			
Toluene	20.1	0.5	"	20.0	ND	101	80-120			
1,1-Dichloroethene	20.4	0.5	"	20.0	ND	102	80-120			
Trichloroethene	19.8	0.5	"	20.0	ND	99.0	80-120			
Chlorobenzene	20.2	0.5	"	20.0	ND	101	80-120			
Matrix Spike Dup (A\E0155-MSD1)		**Source: 1805077-02**		Prepared & Analyzed: 05/17/18						
Surrogate: Dibromofluoromethane	*13.0*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.9*		*"*	*12.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.3*		*"*	*12.5*		*98.3*	*70-130*			
Benzene	20.1	0.5	"	20.0	ND	101	80-120	1.30	15	
Toluene	20.2	0.5	"	20.0	ND	101	80-120	0.644	15	
1,1-Dichloroethene	20.4	0.5	"	20.0	ND	102	80-120	0.196	15	
Trichloroethene	20.1	0.5	"	20.0	ND	101	80-120	1.55	15	
Chlorobenzene	20.4	0.5	"	20.0	ND	102	80-120	0.787	15	

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0176 - EPA 8260B										
Blank (A\E0176-BLK1)				Prepared & Analyzed: 05/18/18						
Surrogate: Dibromofluoromethane	*13.0*		*ug/l*	*12.5*		*104*	*70-130*			
Surrogate: Toluene-d8	*12.7*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.5*		*"*	*12.5*		*100*	*70-130*			
Gasoline Range Hydrocarbons	ND	50.0	"							
TBA	ND	2.5	"							
Methyl tert-Butyl Ether	ND	0.5	"							
Di-isopropyl ether	ND	0.5	"							
Ethyl tert-Butyl Ether	ND	0.5	"							
Tert-Amyl Methyl Ether	ND	0.5	"							
Benzene	ND	0.5	"							
Toluene	ND	0.5	"							
Ethylbenzene	ND	0.5	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.5	"							
Xylenes, total	ND	1.0	"							
1,1-Dichloroethene	ND	0.5	"							
Trichloroethene	ND	0.5	"							
Chlorobenzene	ND	0.5	"							
LCS (A\E0176-BS1)				Prepared & Analyzed: 05/18/18						
Surrogate: Dibromofluoromethane	*13.1*		*ug/l*	*12.5*		*105*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.2*		*"*	*12.5*		*97.6*	*70-130*			
Benzene	19.5	0.5	"	20.0		97.4	80-120			
Toluene	19.5	0.5	"	20.0		97.4	80-120			
1,1-Dichloroethene	20.2	0.5	"	20.0		101	80-120			
Trichloroethene	19.4	0.5	"	20.0		97.1	80-120			
Chlorobenzene	19.8	0.5	"	20.0		99.0	80-120			

Excelchem Environmental Lab

Laboratory Representative

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.

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0176 - EPA 8260B										
LCS Dup (A\E0176-BSD1)				Prepared & Analyzed: 05/18/18						
Surrogate: Dibromofluoromethane	*13.2*		*ug/l*	*12.5*		*105*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.1*		*"*	*12.5*		*97.1*	*70-130*			
Benzene	19.8	0.5	"	20.0		99.2	80-120	1.78	15	
Toluene	19.8	0.5	"	20.0		98.7	80-120	1.38	15	
1,1-Dichloroethene	20.6	0.5	"	20.0		103	80-120	2.30	15	
Trichloroethene	19.7	0.5	"	20.0		98.3	80-120	1.23	15	
Chlorobenzene	20.2	0.5	"	20.0		101	80-120	1.75	15	
Matrix Spike (A\E0176-MS1)		**Source: 1805077-15**		Prepared & Analyzed: 05/18/18						
Surrogate: Dibromofluoromethane	*13.1*		*ug/l*	*12.5*		*105*	*70-130*			
Surrogate: Toluene-d8	*12.8*		*"*	*12.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.2*		*"*	*12.5*		*97.8*	*70-130*			
Benzene	20.0	0.5	"	20.0	ND	100	80-120			
Toluene	20.2	0.5	"	20.0	ND	101	80-120			
1,1-Dichloroethene	20.7	0.5	"	20.0	ND	103	80-120			
Trichloroethene	20.4	0.5	"	20.0	0.3	101	80-120			
Chlorobenzene	20.5	0.5	"	20.0	ND	102	80-120			
Matrix Spike Dup (A\E0176-MSD1)		**Source: 1805077-15**		Prepared & Analyzed: 05/18/18						
Surrogate: Dibromofluoromethane	*13.1*		*ug/l*	*12.5*		*105*	*70-130*			
Surrogate: Toluene-d8	*12.9*		*"*	*12.5*		*104*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*12.2*		*"*	*12.5*		*97.5*	*70-130*			
Benzene	19.6	0.5	"	20.0	ND	98.0	80-120	2.17	15	
Toluene	19.9	0.5	"	20.0	ND	99.2	80-120	1.65	15	
1,1-Dichloroethene	19.9	0.5	"	20.0	ND	99.4	80-120	3.94	15	
Trichloroethene	20.0	0.5	"	20.0	0.3	98.7	80-120	1.83	15	
Chlorobenzene	20.0	0.5	"	20.0	ND	99.9	80-120	2.37	15	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

Total Petroleum Hydrocarbons by FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0094 - EPA 8015Mod										
Blank (A\E0094-BLK1)				Prepared & Analyzed: 05/14/18						
TPH as Diesel	ND	50.0	ug/l							
LCS (A\E0094-BS1)				Prepared & Analyzed: 05/14/18						
TPH as Diesel	4480	50.0	ug/l	5000		89.7	70-130			
LCS Dup (A\E0094-BSD1)				Prepared & Analyzed: 05/14/18						
TPH as Diesel	3980	50.0	ug/l	5000		79.5	70-130	12.0	30	
Matrix Spike (A\E0094-MS1)		**Source: 1805077-10**		Prepared: 05/14/18 Analyzed: 05/21/18						
TPH as Diesel	3800	50.0	ug/l	5000	ND	76.1	70-130			
Matrix Spike Dup (A\E0094-MSD1)		**Source: 1805077-10**		Prepared: 05/14/18 Analyzed: 05/21/18						
TPH as Diesel	2670	50.0	ug/l	5000	ND	53.5	70-130	34.9	30	QM-11
Batch A\E0125 - EPA 8015Mod										
Blank (A\E0125-BLK1)				Prepared: 05/14/18 Analyzed: 05/16/18						
TPH as Diesel	ND	50.0	ug/l							
LCS (A\E0125-BS1)				Prepared: 05/14/18 Analyzed: 05/16/18						
TPH as Diesel	4200	50.0	ug/l	5000		84.1	70-130			
LCS Dup (A\E0125-BSD1)				Prepared: 05/14/18 Analyzed: 05/16/18						
TPH as Diesel	4520	50.0	ug/l	5000		90.4	70-130	7.18	30	
Matrix Spike (A\E0125-MS1)		**Source: 1805077-20**		Prepared: 05/14/18 Analyzed: 05/21/18						
TPH as Diesel	3830	50.0	ug/l	5000	ND	76.6	70-130			

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

Total Petroleum Hydrocarbons by FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A\E0125 - EPA 8015Mod										
Matrix Spike Dup (A\E0125-MSD1)		**Source: 1805077-20**		Prepared: 05/14/18 Analyzed: 05/21/18						
TPH as Diesel	3890	50.0	ug/l	5000	ND	77.9	70-130	1.68	30	
Batch A\E0135 - EPA 8015Mod										
Blank (A\E0135-BLK1)				Prepared: 05/15/18 Analyzed: 05/18/18						
TPH as Diesel	ND	50.0	ug/l							
LCS (A\E0135-BS1)				Prepared: 05/15/18 Analyzed: 05/18/18						
TPH as Diesel	4590	50.0	ug/l	5000		91.8	70-130			
LCS Dup (A\E0135-BSD1)				Prepared: 05/15/18 Analyzed: 05/18/18						
TPH as Diesel	3730	50.0	ug/l	5000		74.7	70-130	20.5	30	
Matrix Spike (A\E0135-MS1)		**Source: 1805078-02**		Prepared: 05/15/18 Analyzed: 05/21/18						
TPH as Diesel	3950	50.0	ug/l	5000	260	73.8	70-130			
Matrix Spike Dup (A\E0135-MSD1)		**Source: 1805078-02**		Prepared: 05/15/18 Analyzed: 05/21/18						
TPH as Diesel	4030	50.0	ug/l	5000	260	75.4	70-130	1.90	30	

Excelchem Environmental Lab

Laboratory Representative

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Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

Notes and Definitions

R-07	This sample was diluted due to matrix interference, resulting in elevated reporting limits
QM-11	The spike recovery and RPD for this analyte is out of QA/QC parameters due to matrix interferences.
D-06	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
D-03	The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
ND	Analyte not detected at reporting limit.
NR	Not reported

Excelchem Environmental Lab

Laboratory Representative

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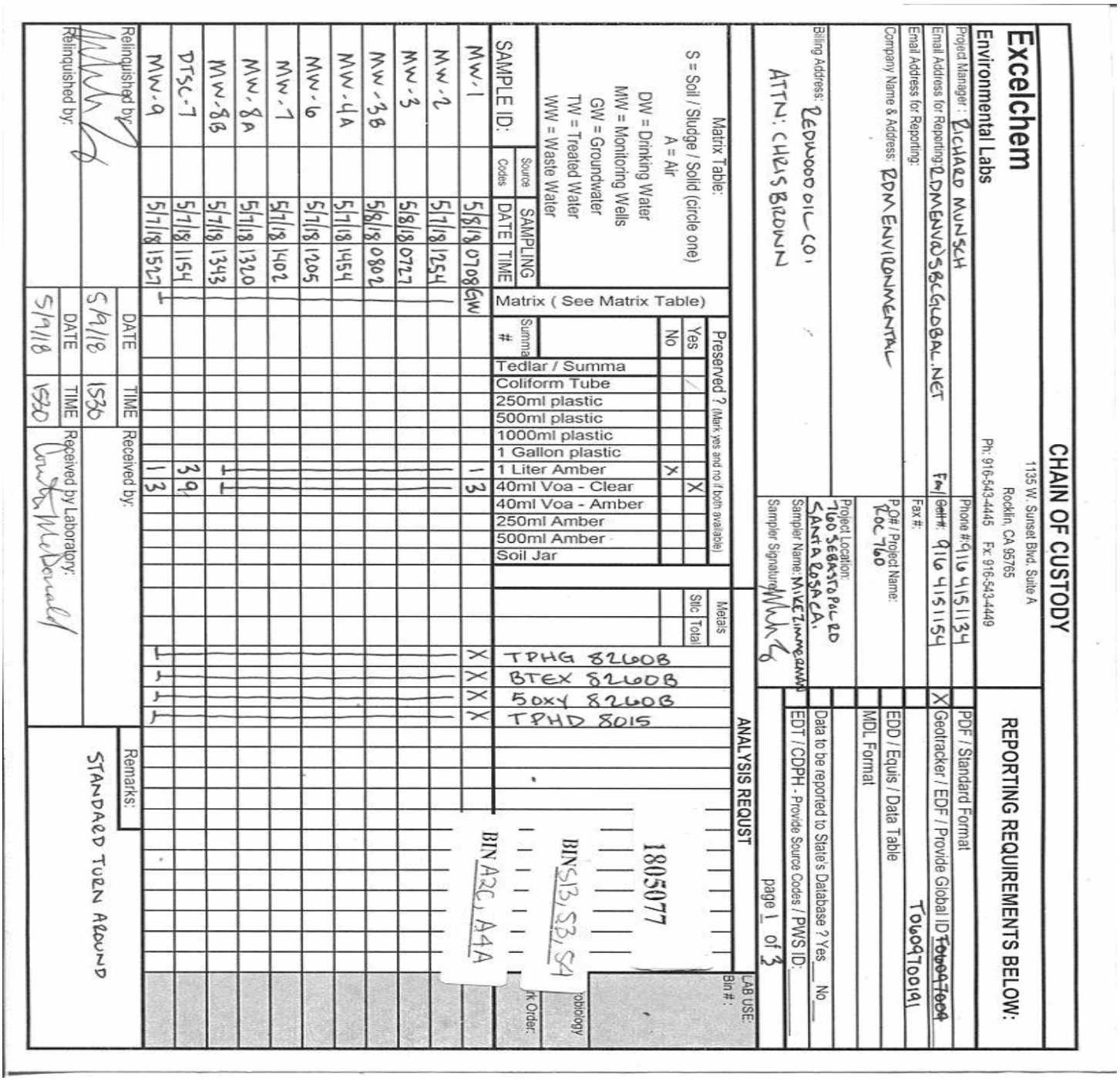
Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25



CHAIN OF CUSTODY

Excelchem
Environmental Labs
1135 W. Sunset Blvd. Suite A
Rocklin, CA 95765
Ph: 916-543-4445 Fx: 916-543-4449

REPORTING REQUIREMENTS BELOW:

Project Manager: RICHARD MUNSCH — Phone #: 916 415 1134 — PDF / Standard Format
Email Address for Reporting: RDMENV@SBCGLOBAL.NET — Cell#: 916 415 1154 — X Geotracker / EDF / Provide Global ID: T0609700191
Email Address for Reporting: — Fax #: — EDD / Equis / Data Table
Company Name & Address: RDM ENVIRONMENTAL — P.O# / Project Name: ROC 760 — MDL Format
Billing Address: REDWOOD OIL CO. ATTN: CHRIS BLUNN — Project Location: 760 SEBASTOPOL RD SANTA ROSA CA. — Data to be reported to State's Database ? Yes ___ No ___
Sampler Name: MIKE ZIMMERMAN — EDT / CDPH - Provide Source Codes / PWS ID: ___
Sampler Signature: — page 1 of 3

Matrix Table:
S = Soil / Sludge / Solid (circle one)
A = Air
DW = Drinking Water
MW = Monitoring Wells
GW = Groundwater
TW = Treated Water
WW = Waste Water

ANALYSIS REQUST — LAB USE: Bin #: 1805077

SAMPLE ID:	Source Codes	SAMPLING DATE	SAMPLING TIME	Matrix (See Matrix Table)	Preserved ? (Mark yes and no if both available) Yes	No	# Summa	Metals Stlc	Metals Total	TPHG 8260B	BTEX 8260B	5OXY 8260B	TPHD 8015
				Tedlar / Summa									
				Coliform Tube									
				250ml plastic									
				500ml plastic									
				1000ml plastic									
				1 Gallon plastic									
				1 Liter Amber	X								
				40ml Voa - Clear		X							
				40ml Voa - Amber									
				250ml Amber									
				500ml Amber									
				Soil Jar									
MW-1		5/8/18	0708	GW			1			X	X	X	X
MW-2		5/7/18	1254				3						
MW-3		5/8/18	0727										
MW-3B		5/8/18	0802										
MW-4A		5/7/18	1454										
MW-6		5/7/18	1205										
MW-7		5/7/18	1402										
MW-8A		5/7/18	1320										
MW-8B		5/7/18	1343				3						
DTSC-7		5/7/18	1154				3						
MW-9		5/7/18	1527	L			1			L	L	L	L

Relinquished by: — DATE 5/9/18 — TIME 1530 — Received by: — Remarks: STANDARD TURN AROUND
Relinquished by: — DATE 5/9/18 — TIME 1520 — Received by Laboratory:

BIN S13, S21, S4
BIN A2C, A4A
Work Order: [illegible]
Microbiology

Excelchem Environmental Lab

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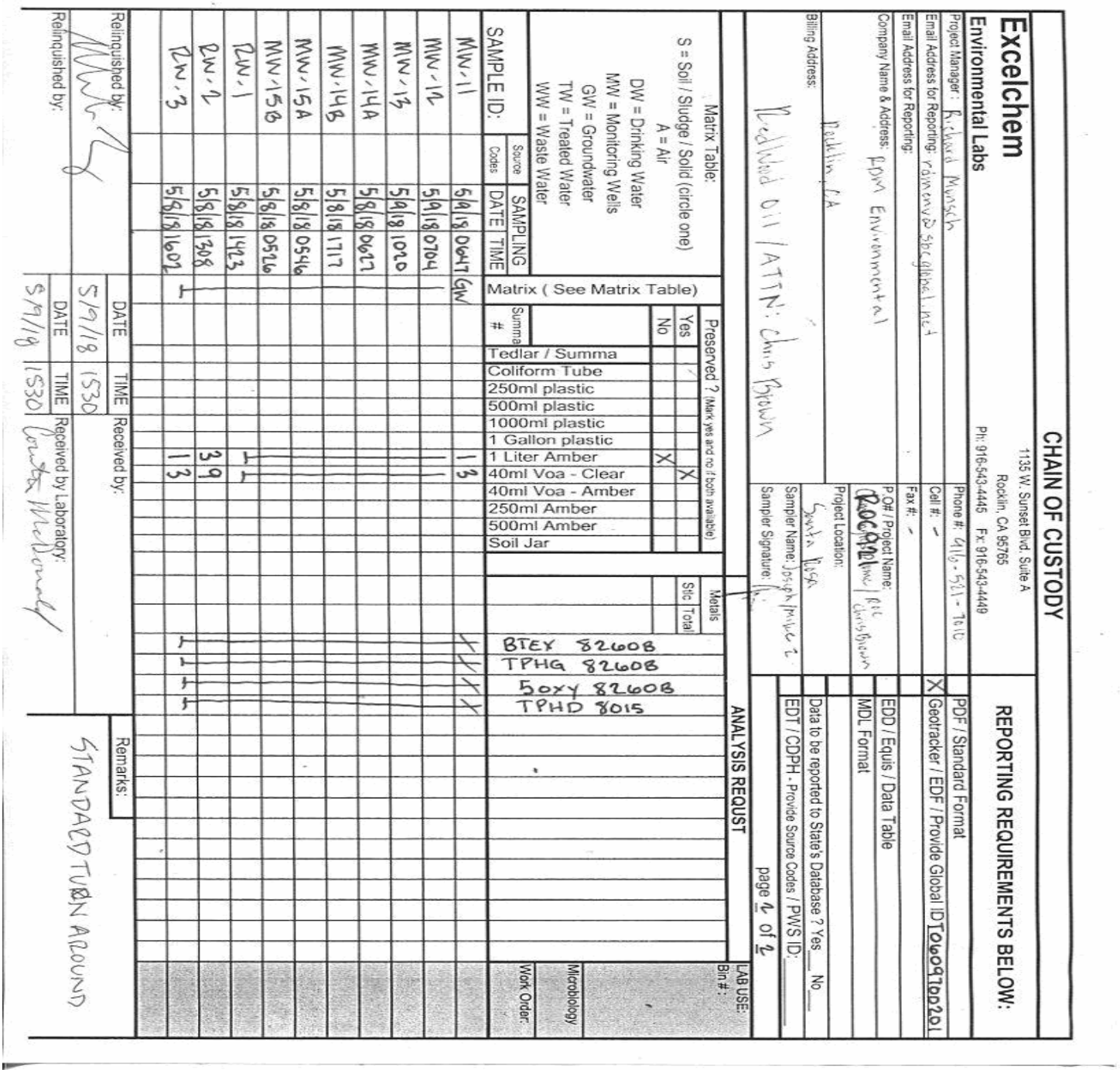
Laboratory Representative

Excelchem Environmental Labs

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25



Excelchem
Environmental Labs
1135 W. Sunset Blvd. Suite A
Rocklin, CA 95765
Ph: 916-543-4445 Fx: 916-543-4449

CHAIN OF CUSTODY

REPORTING REQUIREMENTS BELOW:

Project Manager: Richard Munsch
Email Address for Reporting: rdmenvsb@sbcglobal.net
Email Address for Reporting:
Company Name & Address: RDM Environmental
Rocklin, CA
Billing Address: Redwood Oil / ATTN: Chris Brown
Project Location: Santa Rosa
Sampler Name: Joseph Munsch
Sampler Signature:
P.O# / Project Name: ROC 760
Phone #: 415-531-7810
Cell #: -
Fax #: -
PDF / Standard Format
Geotracker / EDF / Provide Global ID T0609700201
EDD / Equis / Data Table
MDL Format
Data to be reported to State's Database? Yes__ No__
EDT / CDPH - Provide Source Codes / PWS ID:
page 1 of 1

Matrix Table:
S = Soil / Sludge / Solid (circle one)
A = Air
DW = Drinking Water
MW = Monitoring Wells
GW = Groundwater
TW = Treated Water
WW = Waste Water

SAMPLE ID:	Source Codes	SAMPLING DATE	SAMPLING TIME	Matrix (See Matrix Table)	Preserved ? (Mark yes and no if both available) Yes	No	Summa #	Metals Std	Metals Total	BTEX 8260B	TPHG 8260B	5oxy 8260B	TPHD 8015	Microbiology	Work Order:	LAB USE: Bin # :
				Tedlar / Summa												
				Coliform Tube												
				250ml plastic												
				500ml plastic												
				1000ml plastic												
				1 Gallon plastic												
				1 Liter Amber	X											
				40ml Voa - Clear		X										
				40ml Voa - Amber												
				250ml Amber												
				500ml Amber												
				Soil Jar												
MW-11		5/9/18	0947	GW			13			X	X	X	X			
MW-12		5/9/18	0704				11									
MW-13		5/9/18	1020													
MW-14A		5/8/18	0627													
MW-14B		5/8/18	1717													
MW-15A		5/8/18	0546													
MW-15B		5/8/18	0526													
RW-1		5/8/18	1423				2									
RW-2		5/8/18	1308				3									
RW-3		5/8/18	1602	1			1			2	2	2	2			

Relinquished by: [signature] DATE 5/9/18 TIME 1530
Received by:
Relinquished by: DATE 5/9/18 TIME 1530
Received by Laboratory: [signature]

Remarks: STANDARD TURN AROUND

Excelchem Environmental Lab

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Laboratory Representative

RDM	Project:	ROC 760	
8915 Los Posas Court	Project Number:	[none]	Date Reported:
Granite Bay, CA 95746	Project Manager:	Richard Munsch	07/30/18 17:25

Sample Integrity

WORK ORDER: 1805077

Date Received: 05/9/2018

Section 1 – Sample Arrival Info.

Sample Transport: **Walk-In** Transported In: **Ice Chest**

Describe type of packing materials: **None**

Has chilling process begun? **Yes** Samples Received: **On Ice**

Temperature of Samples (°C): **4** Ice Chest Temperature(s) (°C): **7**

Section 2 – Bottle/Analysis Info.

	Yes	No	N/A	Comments
Did all bottles arrive unbroken and intact?	X			-
Did all bottle labels agree with COC?	X			-
Were correct containers used for the tests requested?	X			-
Were correct preservations used for the tests requested?	X			-
Was a sufficient amount of sample sent for tests indicated?	X			-
Were bubbles present in VOA Vials?: **(Volatile Methods Only)**		X		-

Section 3 – Summa/Flow regulator Info.

Used Summa#:	N/A
Unused Summa#:	
Cleaning Summa#:	
Regulator#:	
Was there any visual damage to summa canisters **or** flow regulators? **Explain.**	

Section 4 – COC Info.

	Completed Yes	Info From No	Comment		Completed Yes	No	Comments
Was COC Received	X		-	Analysis Requested	X		-
Date Sampled	X		-	Samples arrived within holding time	X		-
Time Sampled	X		-	Any hold times less than 72 hrs		X	-
Sample ID	X			Client Name	X		-
Rush TAT		X	-	Address/Telephone #	X		-

Section 5 – Comments / Discrepancies

Was Client notified of discrepancies: N/A Notified by: N/A

Explanations / Comments:

-

w

-

Samples Labeled by:	**CM**
Bin #s:	S13, 53, 54, A2C, A4A
COC Scanned/Attached by:	**CM**
Sample labels reviewed by:	**CM**

Filled out by: *Courtney McDonald* **Date:** 5/11/2018 **Time :** 15:14

Excelchem Environmental Lab

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Laboratory Representative

ENCLOSURE D

The NCRWQCB Letter dated January 26, 2017

January 26, 2017

Mr. Peter VanAlyea
Redwood Oil Company
pvan@redwood.net

Mr. Daniel M. Monson
Tesoro Refining and Marketing Company
Daniel.M.Monson@tsccorp.com

Dear Mr. VanAlyea and Mr. Monson:

Subject: Case Analysis and Path to Closure

Site: Sebastopol Road Commingled Plume Group
Beacon #489, 921 Sebastopol Road, Santa Rosa, California
BP/Redwood Oil #110, 760 Sebastopol Road, California
Case Numbers 1TSR394, 1TSO269, 1TSO254

Regional Water Board staff reviewed the Sebastopol Road Commingled Plume Group case file with regard to the California Low-Threat Underground Storage Tank Case Closure Policy (Policy) and determined that the site does not meet the policy criteria for case closure. Below is a description of the impediments to closure and a path forward. Staff reviewed the analysis and path to closure with your consultants, Richard Munsch of RDM Environmental and Chris Brown of North State Environmental, on January 5, 2017 and we agreed on this path to closure.

Please note that the Baugh Wilson Enterprise case (case number 1TSO231), which was part of the Sebastopol Road commingled plume group, has been determined by Regional Water Board staff to be eligible for case closure. The public noticing period ended on January 17, 2017 and there were no comments received. The next phase is the destruction of the monitoring wells. Following this work, a No Further Action letter will be issued.

One impediment to case closure is that the downgradient extent of the groundwater contaminant plume is not defined and there are water supply wells located within the current contaminant plume. Additional investigation, including sampling water supply wells in the area, is needed.

Another impediment to closure is the potential risk of contaminant vapor intrusion to indoor air. The Policy uses benzene as a surrogate compound for gasoline vapor intrusion into indoor air. However, the groundwater contaminant plume has very low concentrations of benzene relative to the total gasoline concentration. Thus, benzene does

not properly represent the potential risk. Additional analysis of the potential vapor intrusion risk should be performed for the sites as well as the downgradient Roseland Elementary School and downgradient 816 Sebastopol Road property.

For the compounds other than benzene, please use the Department of Toxic Substances Control (DTSC) "Human Health Risk Assessment Note 3 – DTSC-Modified Screening Levels." Since the risk assessment screening values for total petroleum hydrocarbons (TPH) split aliphatic TPH and aromatic TPH, a screening level of 100 $\mu g/m^3$ can be used for TPH-gasoline data.

The direct contact and outdoor air exposure pathway criteria in the Policy have not been fulfilled. The sites and down-gradient properties need to be evaluated for risks presented by this pathway

As we discussed, it is not clear what effect the currently operating remediation system is having on the contamination. As such, the remediation system should be shut down to evaluate potential groundwater contamination rebound and the need for additional active remediation.

There is also the confounding potential issue of a chlorinated solvent plume not from these sites commingling with the plume. There is a source of tetrachloroethene (aka perc or PCE) contamination potentially upgradient, and PCE and its breakdown products could be impacting the same groundwater and the gasoline contamination. These compounds can artificially raise the results of the total petroleum hydrocarbons as gasoline (TPH-g) analyses.

To summarize, please take the following steps:

1. Shut down the active remediation systems (air sparging/bioventing at 760 and 921 Sites and ozone sparging at the 800/816 Site) to begin verification groundwater monitoring and to assess the threat to nearby receptors in order to evaluate the potential need for additional active remediation.

2. Perform full scan 8260 analyses for volatile organic compounds (VOCs) on all groundwater samples collected during the next scheduled monitoring event. Also, obtain and review laboratory chromatograms of both recent and upcoming total petroleum hydrocarbons as gasoline (TPH-g) sample analyses to verify that chlorinated solvents from other cases in the vicinity of these sites are not contributing to the TPH-g values reported for the commingled plume.

3. Submit a workplan to conduct a vapor intrusion evaluation for the sites and downgradient properties. This should include TPH-g as well as the other specific gasoline compounds. Due to the potential presence of chlorinated solvents, those also need to be included as part of the analyses.

4. Update the sensitive receptor survey performed in 1999 to determine the presence and status of all receptors, and submit a sampling plan for water supply wells in the area.

5. After completion of the previous tasks, submit a conceptual site model report to compile the historic and new data and information from the commingled plume sites in a single document.

If you have any questions, please contact me at 707-576-2802 or Robert.Dickerson@waterboards.ca.gov.

Sincerely,

Robert B. Dickerson
Engineering Geologist

170126_RBD_er_Sebastopol_Road_Commingled Plumedirective.docx

cc: Kirsten Larsen, Sonoma County Community Development Commission, Kirsten.Larsen@sonoma-county.org
Brett Hunter, ChevronTexaco, bhunter@chevron.com
Richard Munsch, RDM Environmental, rdmenv@sbcglobal.net
Cheri Page, Harris & Lee Environmental Sciences, LLC, cheri@hlenv.com
Chris Brown, North State Environmental, cbrown.chico@gmail.com
Lesley Choate, County of Sonoma County Department of Health Services, leslye.choate@onoma-county.org
Paul Lowenthal, Santa Rosa Fire Department, plowenthal@srcity.org
Gerald Sherman, 968 D Piner Road, Santa Rosa, CA 95403
Massud Ravenfar, 3617 Guerneville Road, Santa Rosa, CA 95407
Tito and Liliosa DeLeon, 498 East Railroad Avenue, Cotati, CA 94931
Charles and Benita Jeppson, 6565 Bridgewood Drive, Santa Rosa, CA 95409
Ignacio and Idolina Alvarez, 760 Sebastopol Road, Santa Rosa, CA 95407
James T. Baugh, Baugh Survivor's Trust, 125 West Peck Street, Lake Elsinore, CA 92530
Ed Ralston Phillips 66/Tosco, ed.c.ralston@p66.com
Amanda Massey, Flyers Beacon LLC, 2360 Lindbergh Street, Auburn, CA 95602
Phillip M. Bressler Trust et al, 10012 Alegria Drive, Las Vegas, NV 89134

LAIDLAW

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
NORTH COAST REGION
5550 SKYLANE BLVD. SUITE A
SANTA ROSA, CA 95403
PHONE: (707) 576-2220

December 20, 1995

Mr. Robert Kilian
Laidlaw Transit
959 Sebastopol Road
Santa Rosa, CA 95407

Subject: **Case Closure**
Laidlaw Transit
959 Sebastopol Road
Santa Rosa, California
Case No. 1TS0151

Dear Mr. Kilian:

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

Based on the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Division 3, Chapter 16, Section 2721(e) of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Benjamin D. Kor
Executive Officer

WTE:bp\laidlaw2.wp

cc: Mark Kostielney, Sonoma County Environmental Health Department
Eileen Kortas, Santa Rosa Fire Department
Sophia Galifaro, Sonoma County Fire Services, 2300 County Center Drive, Santa Rosa, CA 95403
Susan Klassen, Sonoma County Public Works Department, 575 Administration Drive, Room 117A, Santa Rosa, CA 95403
Dean Paige, Utilities Department, City of Santa Rosa, 69 Stony Circle, Santa Rosa, CA 95401
Mike Falk, AllPro Environmental Corp., 1125B Arnold Drive, Suite 284, Martinez, CA 94553
Paul H. King, P&D Environmental, 4020 Panama Court, Oakland, CA 94611
Chris Huppe, Huppe Landscaping, 2350 Lakewood Hills Lane, Lincoln, CA 95464

BAUGH WILSON

6280 Brookshire Drive, Rocklin, CA 95677 Tel: (916) 415-1134, FAX: (916) 415-1154

November 11, 2012

Ms. Kasey Ashley
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Subject: *Quarterly Ground Water Monitoring and Remediation Status Report – **Third Quarter 2012***
Sebastopol Road Commingled Plume Group

Tesoro Station 67109
921 Sebastopol Road
Santa Rosa, California

Former Gas Station
805 Sebastopol Road
Santa Rosa, California

Former Redwood Oil Gas Station
760 Sebastopol Road
Santa Rosa, California

Dear Ms. Ashley:

RDM Environmental, Inc. (RDM) has been authorized by the Sebastopol Road Commingled Plume Group to prepare the **Third Quarter 2012** ground water monitoring and sampling report for the commingled plume project on Sebastopol Road, Santa Rosa, California. The project includes sites at 760, 805, 816 (the Mexican Restaurant where the ozone test was conducted), and 921 Sebastopol Road. The location of the project is illustrated on **Figure 1**. The features of the three sites (and 816) are illustrated on **Figure 2**. The ground water monitoring and sampling was performed by RDM in accordance with the field methods and procedures described in **Enclosure A**. RDM received authorization in a July 10, 2006 letter from the Regional Water Quality Control Board (RWQCB) to reduce the quarterly monitoring schedule. A copy of the RWQCB letter is included in **Enclosure B**.

Work Performed During the Third Quarter 2012:

- RDM performed ground water sampling on **August 27, 28 and 29, 2012.**
- RDM conducted the weekly O&M site visits for the 760, 805, and 921 sites.

STATUS OF GROUND WATER MONITORING

The ground water sampling information from the **Third Quarter 2012** sampling event is tabulated in **Table 1** for site (921), **Table 2** for site (805), and **Table 3** for site (760). The ground water elevation contour map and concentration maps are shown as **Figures 3 through 7,** respectively.

Ground Water Elevation Measurements and Flow Direction

RDM measured depth to water in 36 of the 52 wells on **August 27, 28 and 29, 2012**. Monitoring well MW-7 at 760 was covered by a dumpster and was not accessible during this sampling event. This site has a reduced quarterly monitoring schedule that was authorized by the RWQCB. For 921, RDM measured depth to water in MW-2, MW-3, MW-3, DTSC-10, MW-10B, MW-11, MW-12, MW-13, MW-14A, MW-14B, MW-15A, and MW-15B. For 805, RDM measured depth to water in MW-3A, MW-3B, and DTSC-4A, and for 760, RDM measured depth to water in wells MW-1, MW-2, MW-3, MW-3B, MW-6, MW-7, DTSC-7, MW-9, MW-10, MW-11, MW-12, MW-12B, MW-13B, MW-16A, MW-16B, MW-17A, MW-17B, MW-18A, MW-19A, MW-20A, MW-21A, MW-22A, GW-2A, and GW-2BU. Depth to ground water ranged from 9.18 to 20.43 feet below the top of the well casings. Summaries of the ground water table elevations measured to date at each site are presented in **Tables 1 through 3**.

Utilizing the **August 27, 28 and 29, 2012** depth to ground water measurements and the newly surveyed elevations of monitoring well casings, RDM prepared a ground water elevation contour map (**Figure 3**). Ground water at the site generally flows southwest with a gradient of less than **0.02 ft/ft.** Ground water monitoring and sampling field notes recorded during this quarterly monitoring event are included in **Enclosure C**.

Ground Water Sampling and Analytical Results

Ground water samples were collected from 36 wells (same wells as identified above). The ground water samples were submitted to Kiff Analytical (ELAP #2236) in Davis, California, for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX), total petroleum hydrocarbons as gasoline (TPHg), and the oxygenates methyl tertiary butyl ether (MTBE), di-isopropyl ether (DIPE), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), and tertiary butyl alcohol (TBA) by EPA Method 8260B. For the **Third Quarter 2012,** RDM also analyzed the samples for total petroleum hydrocarbons as diesel by EPA Method 8015. A summary of ground water analytical results for each site is presented in **Tables 1, 2**, and **3**.

Distribution of dissolved petroleum hydrocarbons is illustrated on **Figures 4 through 7**. The highest benzene concentration was reported in well MW-11 (760) at 120 micrograms per liter (µg/L), and the highest concentration of TPHg was reported in MW-12 (760) at 9,900 µg/L. The highest MTBE concentration was reported in MW-3 (921) at 18 µg/L. Copies of the laboratory analytical reports with chain-of-custody documentation are presented in **Enclosure D**.

STATUS OF REMEDIATION SYSTEM

Active remediation is currently being conducted on sites 921, 805, and 760 Sebastopol Road.

The remediation system on site 921 consists of an air sparging and biovent system. The air sparging system is injecting air into monitoring wells MW-1 and MW-3, and recovery wells RW-1 through RW-3. The biovent system is injecting air into the lateral soil vapor extraction lines.

The remediation system on site 805 includes an air sparging system consisting of an air compressor connected to ozone sparge well OS-2A/B. Using individual flow meters, RDM is able to inject ambient air into both zones.

The former remediation system on site 760 consisted of a ground water pump and treat, air sparging, and a soil vapor extraction system. In October and November 2006, the remediation system was converted to an air sparging and biovent system. The air sparging system injects air into sparging wells AS-1 through AS-15, and the biovent system injects air into soil vapor extraction wells SVE-1 and SVE-2, monitoring wells MW-2 and MW-3, and horizontal lines HVL-1 through HVL-7.

RDM conducted a 6-month ozone sparge test on OS-1A/B at site 816. The 6-month ozone test on OS-1A/B took place from November 4, 2008, to April 29, 2009, and was extremely successful. The results of the ozone test are included in the RDM report entitled *6-Month Ozone Test Results Report – 816 Sebastopol Road (La Fondita Restaurant) for Sebastopol Road Commingled Plume Group* – dated June 11, 2009.

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Operation and maintenance site visits were conducted for the **Third Quarter 2012** on:

- **July 5, 12, 19, and 25, 2012**
- **August 2, 9, 16, 23, and 30, 2012**
- **September 5, 13, 19, and 27, 2012**

CONCLUSIONS/RECOMMENDATIONS

RDM recommends continuing ground water monitoring and active remediation at the above referenced sites. Based on the positive outcome of the 6-month ozone test, RDM is moving forward with a full scale ozone system(s) to address the entire petroleum hydrocarbon plume related to the commingled plume group. RDM has purchased the ozone unit for the full scale ozone system and anticipates completing the first phase of installation during the fourth quarter 2012. RDM anticipates the first phase ozone system will be operational during the first quarter 2013.

The interpretations contained in this report represent our professional opinions and are based, in part, on information supplied by the client. These opinions are based on currently available information and are

arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

If you have any questions concerning this project, please contact Richard Munsch at (916) 415-1134.

RDM ENVIRONMENTAL INC.

Richard D. Munsch
Project Manager

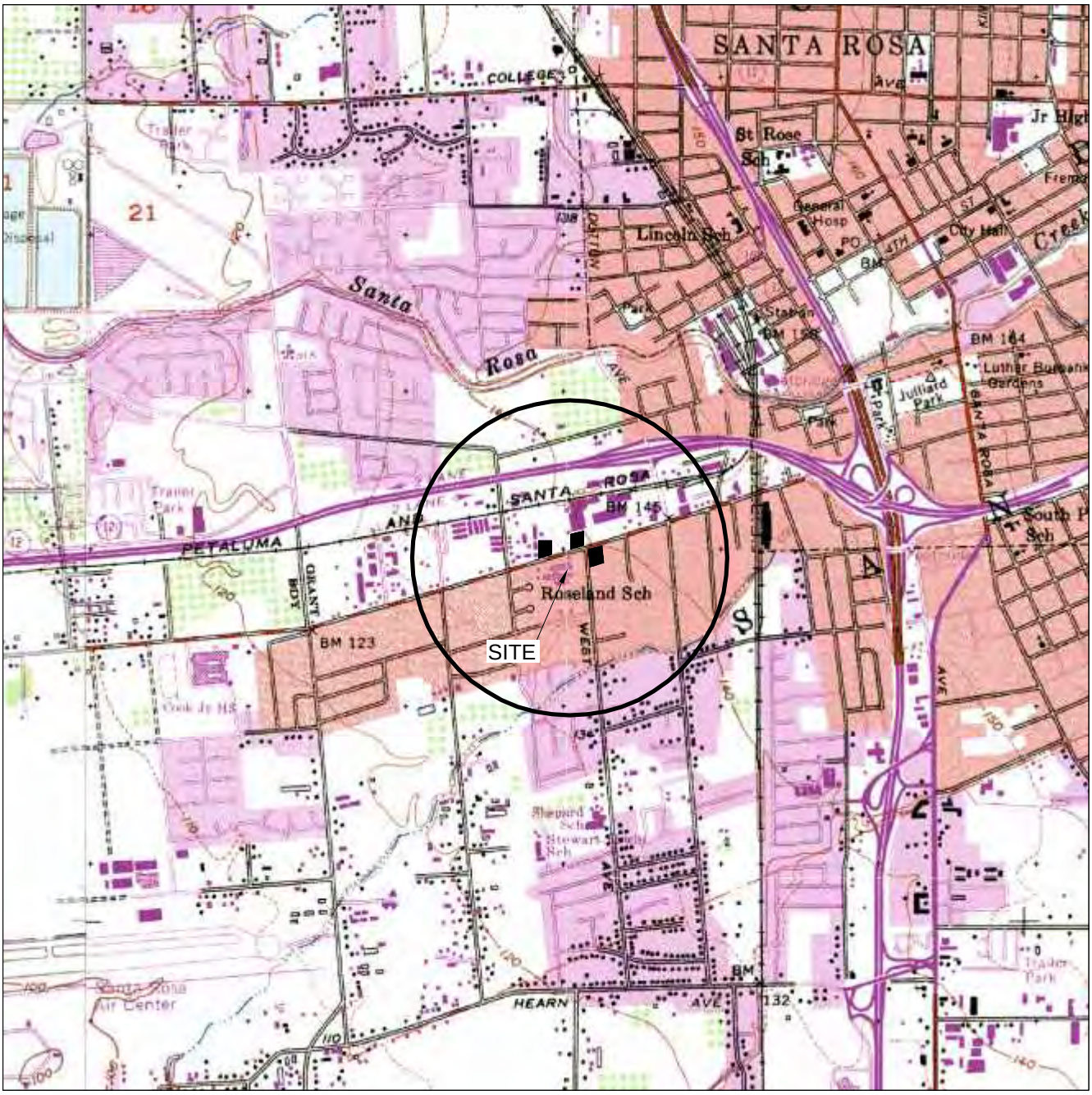
Michael G. Lee, P.E.
California Registered Civil Engineer No. C055795

RDM (Commingled QM 3Q 8-27-12.doc)

cc: Mr. Peter Van Alyea, Redwood Oil Company
Mr. John Mahoney, c/o Redwood Oil Company
Mr. Rob Donovan, Tesoro Petroleum Co., Inc.
Mr. Rick Rittenberg, Chevron
Ms. Amanda Massey, Nella Oil Company

Enclosures:

- Enclosure A: Field Methods and Procedures
- Enclosure B: Regional Water Quality Control Board Letter dated July 10, 2006
- Enclosure C: Ground Water Sampling Information Sheets
- Enclosure D: Ground Water Monitoring Analytical Results



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
SANTA ROSA, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980

N

0 2000 FT

SCALE 1:24,000

QUADRANGLE LOCATION

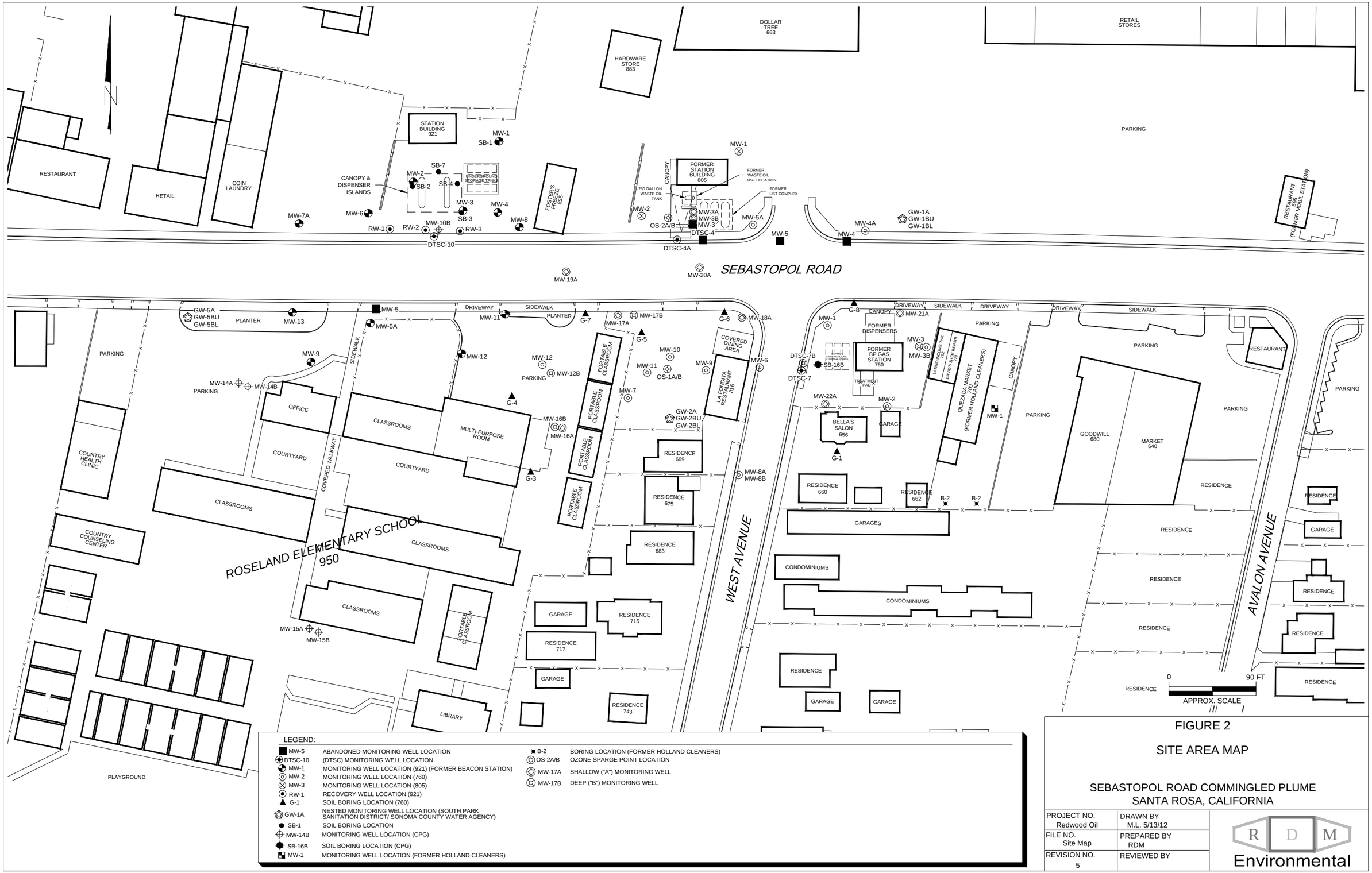
FIGURE 1

SITE LOCATION MAP

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CA.

PROJECT NO. RO-SR.001	DRAWN BY M.L. 2/23/06
FILE NO. Location Map	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental



LEGEND:

MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-2A/B	OZONE SPARGE POINT LOCATION
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL

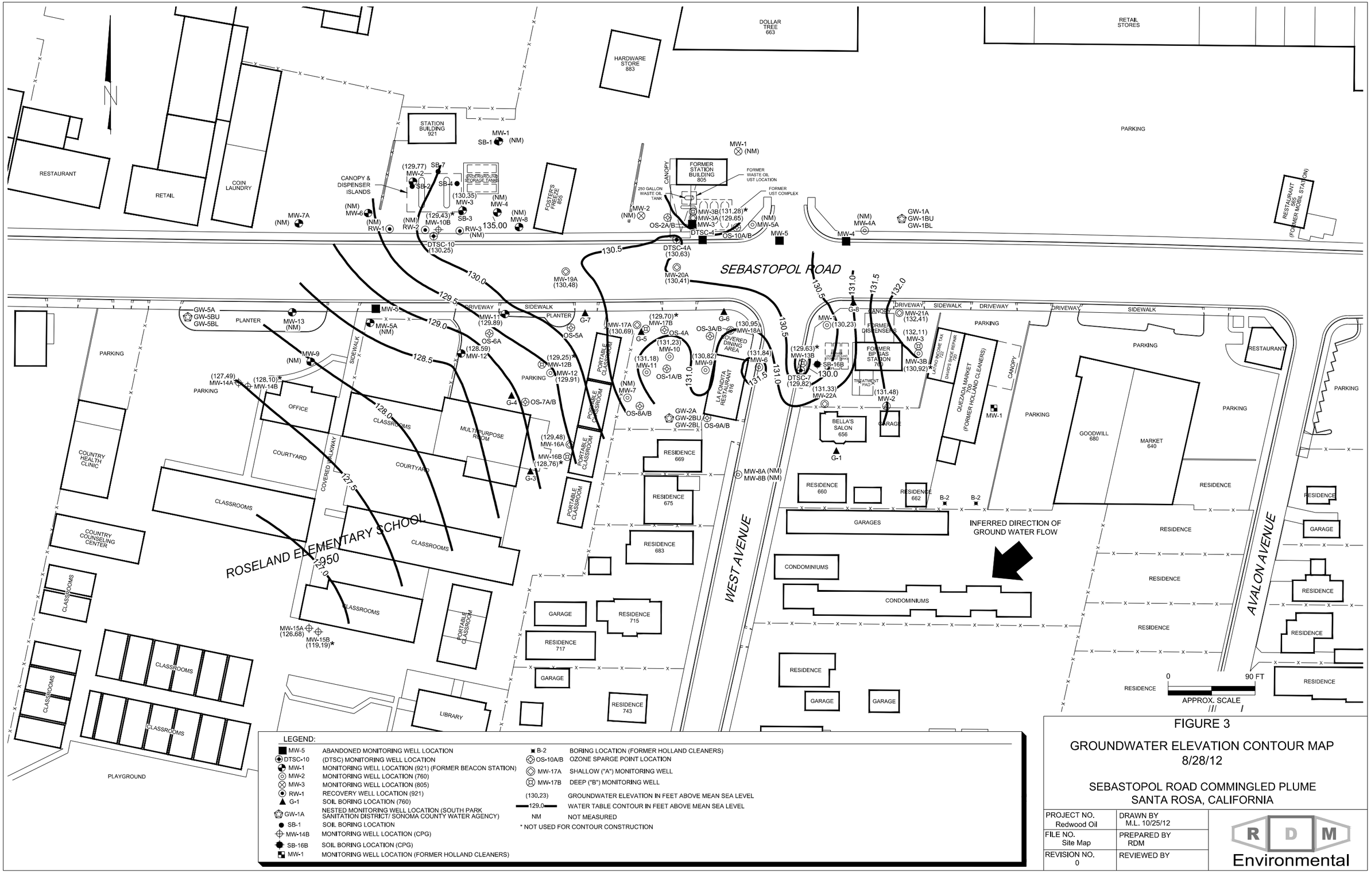
FIGURE 2

SITE AREA MAP

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 5/13/12
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 5	REVIEWED BY

RDM Environmental



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MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(130.23)	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
129.0	WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL
NM	NOT MEASURED

* NOT USED FOR CONTOUR CONSTRUCTION

FIGURE 3

GROUNDWATER ELEVATION CONTOUR MAP
8/28/12

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 10/25/12
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

RDM Environmental

LEGEND:

MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
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OS-10A/B	OZONE SPARGE POINT LOCATION
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(120)	BENZENE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
0.5	LINE OF EQUAL CONCENTRATION OF BENZENE IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

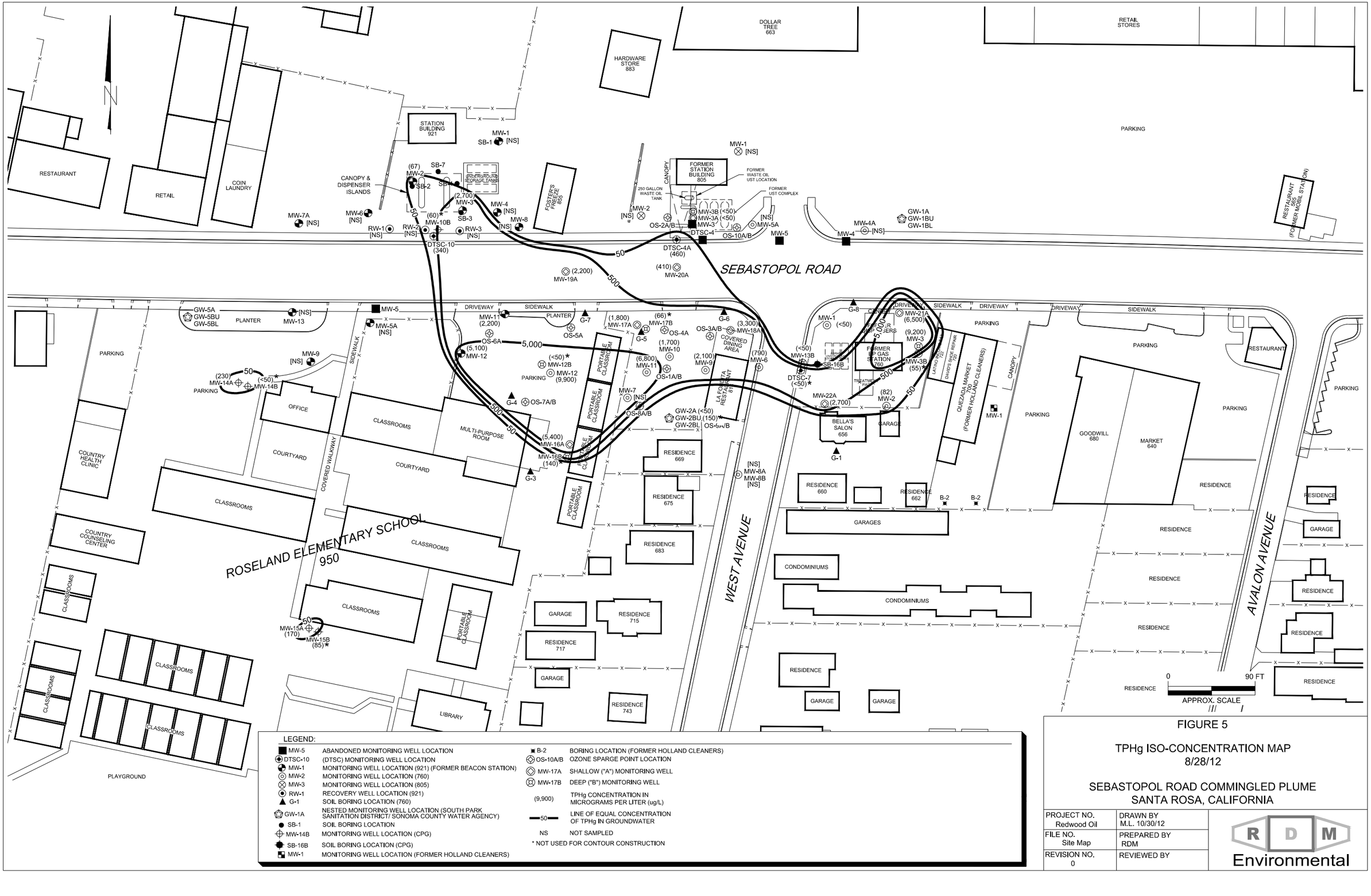
FIGURE 4

BENZENE ISO-CONCENTRATION MAP
8/28/12

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 10/30/12
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

RDM Environmental



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OS-10A/B	OZONE SPARGE POINT LOCATION
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(9,900)	TPHg CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
50	LINE OF EQUAL CONCENTRATION OF TPHg IN GROUNDWATER
NS	NOT SAMPLED
*	NOT USED FOR CONTOUR CONSTRUCTION

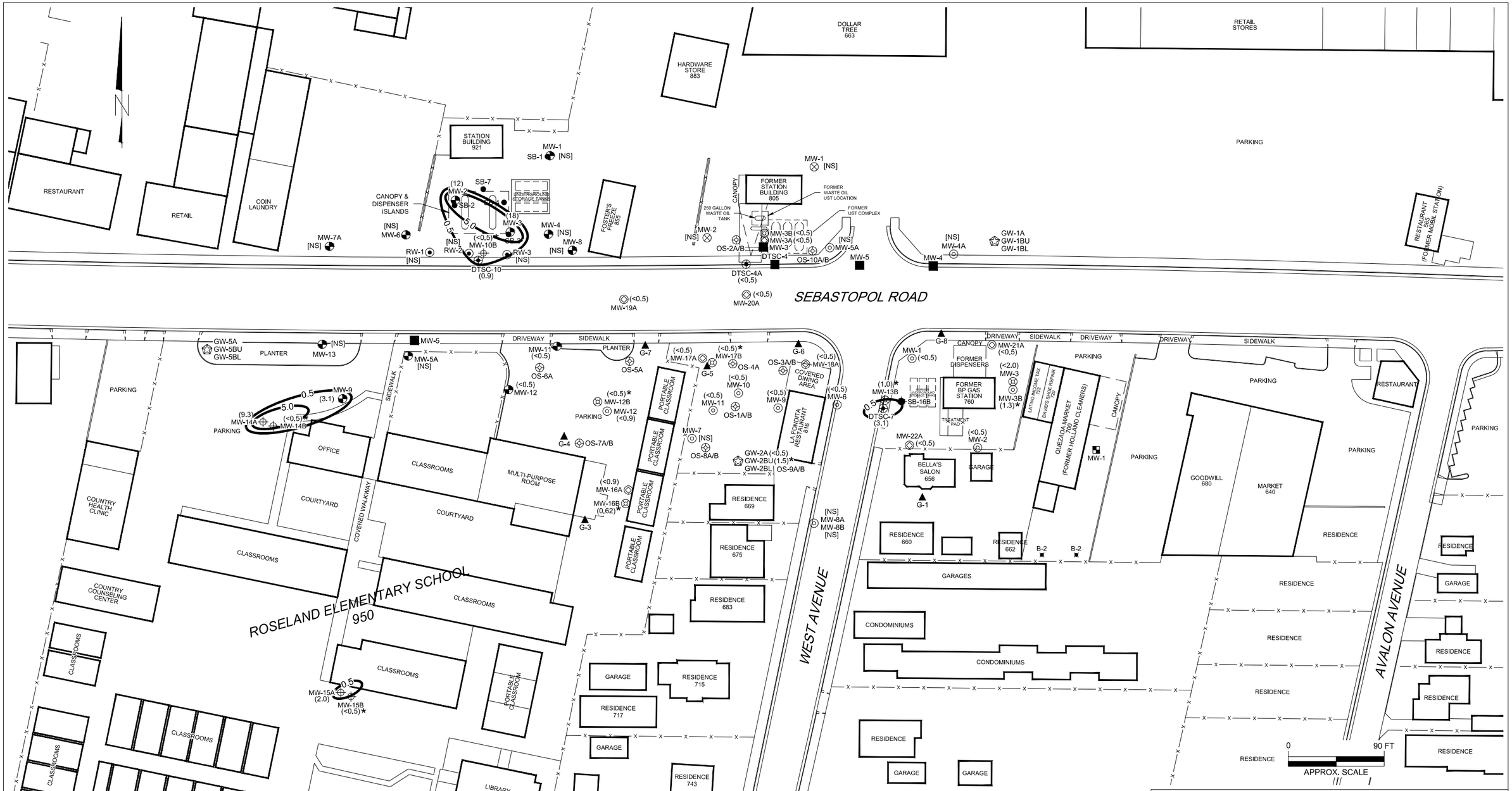
FIGURE 5

TPHg ISO-CONCENTRATION MAP
8/28/12

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 10/30/12
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

RDM Environmental



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B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
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MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(18)	MTBE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
0.5	LINE OF EQUAL CONCENTRATION OF MTBE IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

FIGURE 7

MTBE ISO-CONCENTRATION MAP
8/28/12

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 10/30/12
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

RDM Environmental

6280 Brookshire Drive, Rocklin, CA 95677 Tel: (916) 415-1134, FAX: (916) 415-1154

November 11, 2012

Ms. Kasey Ashley
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Subject: *Quarterly Ground Water Monitoring and Remediation Status Report – **Third Quarter 2012***
Sebastopol Road Commingled Plume Group

Tesoro Station 67109
921 Sebastopol Road
Santa Rosa, California

Former Gas Station
805 Sebastopol Road
Santa Rosa, California

Former Redwood Oil Gas Station
760 Sebastopol Road
Santa Rosa, California

Dear Ms. Ashley:

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RDM ENVIRONMENTAL INC.

Richard D. Munsch
Project Manager

Michael G. Lee, P.E.
California Registered Civil Engineer No. C055795

RDM (Commingled QM 3Q 8-27-12.doc)

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Mr. Rob Donovan, Tesoro Petroleum Co., Inc.
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Ms. Amanda Massey, Nella Oil Company

Enclosures:

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- Enclosure B: Regional Water Quality Control Board Letter dated July 10, 2006
- Enclosure C: Ground Water Sampling Information Sheets
- Enclosure D: Ground Water Monitoring Analytical Results

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-1	12/19/00	10.56	129.03	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
139.59	03/22/01	5.80	133.79	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
(9'-29.5')	06/26/01	10.29	129.30	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
4"	09/11/01	13.38	126.21	--	--	--	--	--	--		
	10/16/01	13.88	125.71	--	--	--	--	--	--		
	11/13/01	9.08	130.51	<0.50	<0.50	<0.50	<0.50	<50	<0.50		
142.13	12/07/01	--	--	--	--	--	--	--	--		
	12/11/01	4.91	137.22	--	--	--	--	--	--		
	01/15/02	3.31	138.82	--	--	--	--	--	--		
	02/12/02	5.74	136.39	<0.50	<0.50	<0.50	<0.50	<50	<0.50		
	03/12/02	4.85	137.28	--	--	--	--	--	--		
	04/16/02	6.00	136.13	--	--	--	--	--	--		
	05/14/02	8.20	133.93	<0.50	<0.50	<0.50	<0.50	<50	<0.50		ND
	06/11/02	9.47	132.66	--	--	--	--	--	--		
	07/16/02	11.31	130.82	--	--	--	--	--	--		
	08/13/02	12.48	129.65	<0.50	<0.50	<0.50	<0.50	<50	1.1		
	12/02/02	12.21	129.92	<0.50	<0.50	<0.50	<0.50	<50	20	<0.50	
	03/05/03	5.16	136.97	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
	06/12/03	6.51	135.62	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
	09/16/03	11.35	130.78	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	TBA: 5
	12/16/03	7.61	134.52	<0.50	<0.50	<0.50	<0.50	<50	10	<0.50	
	03/15/04	5.45	136.68	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
	06/16/04	9.16	132.97	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
	09/13/04	12.27	129.86	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	12/13/04	8.54	133.59	<0.50	<0.50	<0.50	<0.50	<50	5.0	<0.50	ND
	03/01/05	5.40	136.73	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/08/05	6.00	136.13	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/07/05	10.38	131.75	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	12/14/05	8.15	133.98	<0.50	<0.50	<0.50	<0.50	<50	5.8	<0.50	ND
	03/07/06	4.76	137.37	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/07/06	6.44	135.69	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.50	133.63	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	PERC: 0.75
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.06	133.07	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	5.83	136.30	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	5.78	136.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-1	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
142.13	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(9'-29.5')	05/04/11	5.48	136.65	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
4"	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.25	135.89	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	TPHd = 56 ppb
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-2	12/19/00	10.54	128.60	<5.0	<5.0	120	330	3,600	700		
139.14	03/22/01	5.61	133.53	1.3	<0.5	2.0	2.7	290	240		
(4.5'-29.5')	06/26/01	10.44	128.70	22	1.3	3.3	4.8	1,100	<0.5		
4"	09/11/01	13.50	125.64	--	--	--	--	--	--		
	10/16/01	14.05	125.09	--	--	--	--	--	--		
	11/13/01	7.33	131.81	11	1.2	33.0	41	1,200	320		TBA: 22
141.66	12/07/01	--	--	--	--	--	--	--	--		
	12/11/01	3.98	137.68	--	--	--	--	--	--		
	01/15/02	3.64	138.02	--	--	--	--	--	--		
	02/12/02	5.31	136.35	2.5	<0.50	8.0	8.3	1,200	150		TBA: 11
	03/12/02	5.08	136.58	--	--	--	--	--	--		
	04/16/02	6.01	135.65	--	--	--	--	--	--		
	05/14/02	8.14	133.52	25	1.4	12	23	1,100	190		TBA: 9.7
	06/11/02	9.63	132.03	--	--	--	--	--	--		
	07/16/02	11.35	130.31	--	--	--	--	--	--		
	08/13/02	12.76	128.90	6.9	<1.0	<1.0	1.0	630	360		TBA: 19 TAME: 2.5
	12/02/02	12.11	129.55	2.8	<1.0	10	14	400	400	<1.0	TBA: 13 TAME: 1.9
	03/05/03	5.46	136.20	6.5	<1.0	14	33	2,000	280	<1.0	TBA: 5.8
	06/12/03	6.55	135.11	0.59	<0.50	2.4	2	240	100	<0.50	TBA: 29 TAME: 1.10
	16/09/03	11.53	130.13	1.3	<0.50	<0.50	<0.50	300	190		TBA:83 TAME:0.56
	12/16/03	6.50	135.16	1.5	<0.50	5.4	4	500	140	<0.50	TBA: 77
	03/15/04	5.26	136.40	0.56	<0.50	<0.50	<0.50	210	64	<0.50	TBA: 18
	06/16/04	9.35	132.31	33	1.0	7.8	13	1,400	56	<0.50	TBA: 38
	09/13/04	12.68	128.98	<0.50	<0.50	<0.50	<0.50	340	61	<0.50	TBA: 30
	12/13/04	7.60	134.06	9.4	0.51	12	13	1,400	38	<0.50	TBA:51
	03/01/05	4.82	136.84	2.8	<0.50	1.2	1.6	990	37	<0.50	TBA:26
	06/08/05	5.56	136.10	2.1	<0.50	0.68	0.93	920	15	<0.50	TBA:26
	09/07/05	10.56	131.10	3.0	<0.50	<0.50	<0.50	170	46	<0.50	TBA:10
	12/14/05	8.19	133.47	0.85	<0.50	2.4	0.98	770	43	<0.50	TBA:23
	03/07/06	4.05	137.61	<0.50	<0.50	<0.50	<0.50	<50	70	<0.50	ND
	06/07/06	6.15	135.51	0.97	<0.50	1.3	0.85	450	20	<0.50	ND
	09/28/06	11.66	130.00	8.4	<0.50	0.80	0.70	170	75	<0.50	TBA:7.7
	12/15/06	6.75	134.91	3.2	<0.50	3.50	2.70	680	37	<0.50	TBA: 19
	03/23/07	5.80	135.86	8.0	<0.5	14	9.4	1,400	21	<0.50	TBA:18
	06/04/07	8.20	133.46	4.8	<0.50	2.5	1.9	240	43	<0.50	TBA:9.5
	09/07/07	12.08	129.58	4.7	<0.50	0.55	0.81	190	62	<0.50	TBA:9.7
	12/11/07	9.63	132.03	1.1	<0.50	0.83	0.56	200	53	<0.50	TBA:8.7
	02/13/08	4.84	136.82	3.6	<0.50	3.1	1.2	820	29	<0.50	TBA:13
	05/27/08	9.18	132.48	12	0.61	1.3	1.1	260	32	<0.50	TBA: 8.7
	09/10/08	12.44	129.22	41	0.73	2.1	2.4	1,200	27	NS	TBA: 13
	11/05/08	9.24	132.42	10	<0.50	2.6	1.4	1,700	22	NS	TBA:24
	02/16/09	6.21	135.45	28	0.74	8.0	6.4	2,200	19	NS	TBA:26
	05/06/09	5.65	136.01	11	<0.50	3.9	1.7	1,600	17	NA	TBA:13
	08/10/09	11.04	130.62	75	1.1	4.4	2.7	1,800	21	NA	TBA:17
	11/23/09	10.89	130.77	1.7	<0.50	<0.50	<0.50	110	4.1	NA	ND
	02/10/10	4.93	136.73	<0.50	<0.50	<0.50	<0.50	220	15	NA	TBA:8.6, 200[d]
	05/05/10	5.52	136.14	<0.50	<0.50	<0.50	<0.50	<50	12	NA	ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-2	08/17/10	10.22	131.44	7.7	<0.50	<0.50	<0.50	200	5.4	NA	ND
(continued)	11/16/10	8.29	133.37	6.9	<0.50	0.8	<0.50	260	5.0	NA	TBA: 6.0
141.66	02/02/11	5.52	136.14	<0.50	<0.50	<0.50	<0.50	150	23	NA	ND
(4.5'-29.5')	05/04/11	5.61	136.05	<0.50	<0.50	<0.50	<0.50	<50	1.8	NA	ND
4"	08/11/11	9.70	131.96	2.0	0.68	<0.5	2.6	72	28	NA	TPHd: <50
	11/16/11	11.38	130.28	1.1	<0.5	<0.5	<0.5	150	41	NA	TPHd: <50
	02/23/12	8.02	133.64	<0.50	<0.50	<0.50	<0.50	300	10	NA	TPHd: <100, TBA: 5.5
	05/17/12	6.12	135.54	<0.50	<0.50	<0.50	<0.50	120	18	NA	TPHd: 140, TBA: <5.0
	08/27/12	11.89	129.77	4.2	<0.50	<0.50	<0.50	67	12	NA	TPHd: <50

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-3	12/19/00	10.39	128.43	150	<5.0	75	79	2,300	430		
138.82	03/22/01	5.51	133.31	<0.5	<0.5	<0.5	<0.5	<50	4.3		
(4.5'-29.5')	06/26/01	10.13	128.69	530	24	220	170	10,000	630		
4"	09/11/01	13.25	125.57	--	--	--	--	--	--		
	10/16/01	13.92	124.90	--	--	--	--	--	--		
	11/13/01	6.18	132.64	470	190	440	1,100	8,600	550		TBA: 86
	12/11/01	3.85	134.97	--	--	--	--	--	--		
	01/15/02	3.58	135.24	--	--	--	--	--	--		
141.36	02/14/02	--	--	--	--	--	--	--	--		
	02/12/02	5.22	136.14	290	5.0	27	34	1,700	240		TBA: 43
	03/12/02	4.92	136.44	--	--	--	--	--	--		
	04/16/02	5.82	135.54	--	--	--	--	--	--		
	05/14/02	7.99	133.37	430	35	440	910	16,000	510		TBA: 57
	06/11/02	9.49	131.87	--	--	--	--	--	--		
	07/16/02	11.04	130.32	--	--	--	--	--	--		
	08/13/02	12.36	129.00	9.9	<1.0	1.7	2.9	330	310		TBA: 20
	12/02/02	11.59	129.77	340	12	530	850	11,000	390	<2.0	TBA: 47
	03/05/03	5.35	136.01	24	<0.5	1.5	1.7	330	220	<0.50	TBA: 66 TAME: 2.6
	06/12/03	6.30	135.06	140	3	52	110.0	6,500	510	<0.51	TBA: 25 TAME: 0.58
	09/16/03	10.96	130.40	110	3	19	44	4,600	360	<1.0	TBA: 130 TAME: 2.4
	12/16/03	6.02	135.34	210	6	140	230	5,300	210	<1.0	TBA: 160
	03/15/04	5.16	136.20	55	0.80	1.90	<0.5	910	130	<0.50	TBA 72 TAME: 0.57
	06/16/04	9.09	132.27	180	10	79	150	4,100	240	<1.0	TBA: 82 TAME: 1.5
	09/13/04	12.03	129.33	84	3.5	8.9	17	3,100	150	<0.50	TBA: 120 TAME: 0.78
	12/13/04	7.03	134.33	46	1.6	7.4	16	1,500	92	<0.50	TBA:130
	03/01/05	4.65	136.71	79	3.8	7.7	9.6	750	95	<0.50	TBA:49
	06/08/05	5.35	136.01	150	3.6	16.0	12	4,700	150	<0.50	TBA: 120 TAME: 0.76
	09/07/05	10.10	131.26	140	3.8	26.0	61	4,000	110	<0.50	TBA: 75 TAME: 0.78
	12/14/05	7.82	133.54	220	13.0	100.0	130	6,400	100	<0.50	TBA: 91 TAME: 0.58
	03/07/06	4.02	137.34	97	1.8	13.0	13	2,700	88	<0.50	TBA: 84
	06/07/06	5.90	135.46	190	5.0	36	36	4,000	110	<0.50	TBA: 100
	09/28/06	11.20	130.16	67	1.4	13	11	4,100	80	<0.50	TBA:74
	12/15/06	6.41	134.95	330	16	150	220	4,200	93	<0.50	TBA:84
	12/28/06	NM	NC	620	63	520	1,000	9,100	100	NA	TBA:75
	03/23/07	5.62	135.74	350	14	190	250	6,100	110	<0.50	TBA:84
	06/04/07	7.90	133.46	220	9.4	66	100	2,800	92	<0.50	TBA:66
	09/07/07	11.63	129.73	36	0.82	3.8	4.2	1,900	52	<0.50	0.58[c]
	12/11/07	8.85	132.51	120	4.5	24	31	2,900	55	<0.50	TBA:60
	02/13/08	4.71	136.65	96	1.9	30	28	2,700	63	<0.50	TBA:55
	05/27/08	8.81	132.55	190	8.6	79	130	3,000	53	<0.50	TBA: 45
	09/10/08	11.95	129.41	42	1.9	15	24	3,200	26	NA	TBA: 27
	11/05/08	8.76	132.60	100	1.8	17	9.7	3,800	49	NA	TBA:47
	02/16/09	5.71	135.65	180	3.3	22	18.0	2,600	60	NA	TBA:50
	05/06/09	4.51	136.85	150	6.0	66	98	2,600	66	NA	TBA:29
	08/10/09	10.78	130.58	69	3.5	24	32	3,000	23	NA	TBA:13
	11/23/09	10.29	131.07	48	1.8	10	14	1,800	22	NA	TBA:12
	02/10/10	4.87	136.49	0.67	<0.50	<0.50	2.8	880	22	NA	TBA:25
	05/05/10	5.38	135.98	5.5	<0.50	<0.50	0.94	490	16	NA	TBA:29

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-3	08/17/10	9.89	131.47	41	2.2	9.0	8.8	2,400	21	NA	TBA:14
(continued)	11/16/10	8.24	133.12	160	3.1	34	16	3,600	38	NA	TBA: 24
141.36	02/02/11	5.41	135.95	32	1.3	5.5	6.7	2,200	28	NA	TBA: 21
(4.5'-29.5')	05/04/11	5.48	135.88	0.72	<0.5	<0.5	<0.5	94	4.4	NA	TBA:7.2
4"	08/11/11	9.43	131.93	37	1.6	8.8	4.5	3,800	21	NA	TBA:14, TPHd: <1,500
	11/16/11	10.66	130.70	22	0.83	3.2	1.6	2,200	22	NA	TBA:17, TPHd: <1,000
	02/23/12	7.86	133.50	43	0.92	4.2	4.6	1,200	24	NA	TBA: 16, TPHd: <600
	05/17/12	6.32	135.04	46	2.9	25	27	3,200	32	NA	TBA: 20, TPHd: <1,000
	08/27/12	11.01	130.35	22	1.6	6.4	8.8	2,700	18	NA	TBA: 8.8, TPHd: <800

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-4	12/19/00	10.95	128.24	<5.0	<5.0	<5.0	<5.0	<500	610		
139.19	03/22/01	5.56	133.63	<0.5	<0.5	<0.5	<0.5	<50	6.4		
(5'-25')	06/26/01	10.31	128.88	18	0.87	14	12	260	0.5		
4"	09/11/01	13.01	126.18	--	--	--	--	--	--		
	10/16/01	13.93	125.26	--	--	--	--	--	--		
	11/13/01	6.85	132.34	<0.50	<0.50	<0.50	<0.50	<50	0.94		
141.72	12/07/01	--	--	--	--	--	--	--	--		
	12/11/01	4.09	137.63	--	--	--	--	--	--		
	01/15/02	3.75	137.97	--	--	--	--	--	--		
	02/12/02	5.32	136.40	<0.50	<0.50	<0.50	<0.50	<50	1.6		
	03/12/02	5.32	136.40	--	--	--	--	--	--		
	04/16/02	6.07	135.65	--	--	--	--	--	--		
	05/14/02	8.31	133.41	29	1.6	29	32	420	150		TBA: 9.7
	06/11/02	9.71	132.01	--	--	--	--	--	--		
	07/16/02	11.34	130.38	--	--	--	--	--	--		
	08/13/02	12.60	129.12	99	<2.0	84	21	1,100	600		TBA: 59 TAME: 5.0
	12/02/02	11.95	129.77	<1.0	<1.0	<1.0	<1.0	150	420	<1.0	TBA: 17 TAME: 3.4
	03/05/03	5.28	136.44	<0.50	<0.50	<0.50	<0.50	<50	21	0.5	
	06/12/03	6.63	135.09	<0.50	<0.50	<0.50	<0.50	<50	42	<0.50	
	09/16/03	11.12	130.60	2.9	<0.50	2.1	<0.50	58	240	<0.50	TBA: 42 TAME: 0.77
	12/16/03	6.75	134.97	<0.50	<0.50	<0.50	<0.50	<50	10	<0.50	TBA: 5.9
	03/15/04	5.21	136.51	<0.5	<0.5	<0.5	<0.5	<50	1.5	<0.50	ND
	06/16/04	9.43	132.29	3.2	<0.50	2.8	1.5	<50	52	<0.50	TBA: 6.5
	09/13/04	12.22	129.50	<0.50	<0.50	<0.50	<0.50	81	61	<0.50	TBA: 40
	12/13/04	7.75	133.97	<0.50	<0.50	<0.50	<0.50	<50	2.6	<0.50	ND
	03/01/05	6.58	135.14	<0.50	<0.50	<0.50	<0.50	<50	12	<0.50	ND
	06/08/05	5.52	136.20	<0.50	<0.50	<0.50	<0.50	<50	9.9	<0.50	ND
	09/07/05	10.55	131.17	<0.50	<0.50	<0.50	<0.50	<50	26	<0.50	TBA: 6.2
	12/14/05	8.21	133.51	4.4	<0.50	0.83	<0.50	82	25	<0.50	TBA: 31
	03/07/06	4.70	137.02	<0.50	<0.50	<0.50	<0.50	<50	7.2	<0.50	ND
	06/07/06	6.07	135.65	<0.50	<0.50	<0.50	<0.50	<50	7.6	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.23	133.49	0.70	<0.50	<0.50	0.55	<50	12	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.02	132.70	0.58	<0.50	<0.50	0.52	<50	8.8	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	5.91	135.81	<0.50	<0.50	<0.50	<0.50	<50	2.0	NA	ND
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	5.32	136.40	<0.50	<0.50	<0.50	<0.50	<50	1.3	NA	ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-4	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
141.72	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5'-25')	05/04/11	5.70	136.02	<0.50	<0.50	<0.50	<0.50	<50	0.90	NA	ND
4"	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.81	134.91	<0.50	<0.50	<0.50	<0.50	<50	0.98	NA	ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-5	12/19/00	10.54	127.28	250	<2.5	100	130	6,700	140		
137.82	03/22/01	4.81	133.01	20	2.3	13	11	1,800	11		
	06/26/01	--	--	--	--	--	--	--	--		Well Destroyed August 2001
MW-5A	11/13/01	6.95	134.00	<0.50	<0.50	<0.50	<0.50	<50	8.2		
140.95	12/07/01	--	--	--	--	--	--	--	--		
(5'-20')	12/11/01	3.73	137.22	--	--	--	--	--	--		
2"	01/15/02	3.69	137.26	--	--	--	--	--	--		
	02/12/02	5.25	135.70	<0.50	<0.50	<0.50	<0.50	<50	4.3		
	03/12/02	4.92	136.03	--	--	--	--	--	--		
	04/16/02	6.12	134.83	--	--	--	--	--	--		
	05/14/02	8.41	132.54	<0.50	<0.50	<0.50	<0.50	<50	30		ND
	06/11/02	9.89	131.06	--	--	--	--	--	--		
	07/16/02	12.23	128.72	--	--	--	--	--	--		
	08/13/02	13.85	127.10	1.0	<0.50	<0.50	<0.50	720	70		TBA: 11
	12/02/02	12.35	128.60	7.6	1.2	41	52	2,100	55	<0.50	TBA: 8.0
	03/05/03	5.44	135.51	<0.50	<0.50	<0.50	<0.50	<50	1	<0.50	
	06/12/03	6.57	134.38	<0.50	<0.50	<0.50	<0.50	<50	5.1	<0.50	
	09/16/03	12.30	128.65	<0.50	<0.50	<0.50	<0.50	550	35	<0.50	ND
	12/16/03	6.12	134.83	<0.50	<0.50	<0.50	<0.50	<50	0.63	<0.50	ND
	03/15/04	5.20	135.75	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/16/04	9.68	131.27	<0.50	<0.50	<0.50	<0.50	<50	18	<0.50	ND
	09/13/04	13.71	127.24	<0.50	<0.50	<0.50	<0.50	840	28	<0.50	TBA: 5.7
	12/13/04	7.36	133.59	<0.50	<0.50	<0.50	<0.50	<50	0.76	<0.50	ND
	03/01/05	4.76	136.19	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/08/05	5.55	135.40	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/07/05	11.20	129.75	<0.50	<0.50	<0.50	<0.50	390	7.8	<0.50	ND
	12/14/05	8.02	132.93	<0.50	<0.50	<0.50	<0.50	<50	1	<0.50	ND
	03/07/06	4.25	136.70	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/07/06	6.18	134.77	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.40	132.55	<0.50	<0.50	<0.50	<0.50	<50	0.84	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.12	131.83	<0.50	<0.50	<0.50	<0.50	<50	0.83	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	5.49	135.46	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	5.47	135.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-5A	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.95	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5'-20')	05/04/11	5.48	135.47	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
2"	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	5.68	135.27	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-6	12/19/00	9.99	128.42	<0.5	<0.5	<0.5	<0.5	<50	84		
138.41	03/22/01	5.09	133.32	<0.5	<0.5	<0.5	<0.5	<50	18		
(5'-25')	06/26/01	10.12	128.29	<0.5	<0.5	<0.5	<0.5	<50	47		
4"	09/11/01	13.24	125.17	--	--	--	--	--	--		
	10/16/01	14.02	124.39	--	--	--	--	--	--		
	11/13/01	5.63	132.78	3.1	<0.50	<0.50	2.0	210	7.6		
140.92	12/07/01	--	--	--	--	--	--	--	--		
	12/11/01	3.50	137.42	--	--	--	--	--	--		
	01/15/02	3.19	137.73	--	--	--	--	--	--		
	02/12/02	4.61	136.31	<0.50	<0.50	<0.50	<0.50	<50	13		
	03/12/02	4.81	136.11	--	--	--	--	--	--		
	04/16/02	5.11	135.81	--	--	--	--	--	--		
	05/14/02	7.68	133.24	<0.50	<0.50	<0.50	<0.50	<50	18		ND
	06/11/02	9.22	131.70	--	--	--	--	--	--		
	07/16/02	11.10	129.82	--	--	--	--	--	--		
	08/13/02	12.49	128.43	<0.50	<0.50	<0.50	<0.50	<50	190		
	12/02/02	11.45	129.47	1.3	<0.50	<0.50	<0.50	54	190	<0.50	
	03/05/03	4.80	136.12	<0.50	<0.50	<0.50	<0.50	<50	5.9	<0.50	
	06/12/03	5.95	134.97	<0.50	<0.50	<0.50	<0.50	<50	17	<0.50	
	09/16/03	11.20	129.72	<0.50	<0.50	<0.50	<0.50	<50	140	<0.50	ND
	12/16/03	5.41	135.51	<0.50	<0.50	<0.50	<0.50	<50	13	<0.50	ND
	03/15/04	4.65	136.27	<0.50	<0.50	<0.50	<0.50	<50	11	<0.50	ND
	06/16/04	8.95	131.97	<0.50	<0.50	<0.50	<0.50	<50	13	<0.50	ND
	09/13/04	12.47	128.45	<0.50	<0.50	<0.50	<0.50	<50	24	<0.50	ND
	12/13/04	6.61	134.31	<0.50	<0.50	<0.50	<0.50	<50	1.9	<0.50	ND
	03/01/05	4.55	136.37	<0.50	<0.50	<0.50	<0.50	<50	3.0	<0.50	ND
	06/08/05	5.02	135.90	<0.50	<0.50	<0.50	<0.50	<50	2.7	<0.50	ND
	09/07/05	10.11	130.81	<0.50	<0.50	<0.50	<0.50	<50	6.5	<0.50	ND
	12/14/05	7.56	133.36	<0.50	<0.50	<0.50	<0.50	<50	3.8	<0.50	ND
	03/07/06	4.61	136.31	<0.50	<0.50	<0.50	<0.50	<50	3.5	<0.50	ND
	06/07/06	5.52	135.40	<0.50	<0.50	<0.50	<0.50	<50	2.9	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.85	133.07	<0.50	<0.50	<0.50	<0.50	<50	5.7	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.62	132.30	<0.50	<0.50	<0.50	<0.50	<50	1.5	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Car over well
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	4.99	135.93	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	60[d]

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-6	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.92	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5'-25')	05/04/11	5.09	135.83	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
4"	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.01	134.91	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	TPHd: 100
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-7	12/19/00	--	--	--	--	--	--	--	--		Covered By Plate
137.82	03/22/01	4.97	132.85	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
	06/26/01	--	--	--	--	--	--	--	--		Well Not Located
MW-7A	11/13/01	5.16	135.21	<0.05	<0.50	<0.50	<0.50	<50	1.2		
140.37	12/07/01	--	--	--	--	--	--	--	--		
(5'-20')	12/11/01	3.51	136.86	--	--	--	--	--	--		
2"	01/15/02	3.01	137.36	--	--	--	--	--	--		
	02/12/02	4.48	135.89	<0.50	<0.50	<0.50	<0.50	<50	1.5		
	03/12/02	4.55	135.82	--	--	--	--	--	--		
	04/16/02	5.17	135.20	--	--	--	--	--	--		
	05/14/02	7.35	133.02	<0.50	<0.50	<0.50	<0.50	<50	4.0		ND
	06/11/02	9.00	131.37	--	--	--	--	--	--		
	07/16/02	11.07	129.30	--	--	--	--	--	--		
	08/13/02	12.47	127.90	<0.50	<0.50	<0.50	<0.50	<50	6.9		
	12/02/02	11.26	129.11	<0.50	<0.50	<0.50	<0.50	<50	8.5	<0.50	
	03/05/03	4.58	135.79	<0.50	<0.50	<0.50	<0.50	<50	0.62	<0.50	
	06/12/03	5.43	134.94	<0.50	<0.50	<0.50	<0.50	<50	1.62	<0.50	
	09/16/03	11.21	129.16	<0.50	<0.50	<0.50	<0.50	<50	16	<0.50	ND
	12/16/03	5.14	135.23	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	03/15/04	4.54	135.83	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/16/04	8.86	131.51	<0.50	<0.50	<0.50	<0.50	<50	14	<0.50	ND
	09/13/04	12.56	127.81	<0.50	<0.50	<0.50	<0.50	<50	16	<0.50	ND
	12/13/04	6.12	134.25	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	03/01/05	4.12	136.25	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/08/05	5.11	135.26	<0.50	<0.50	<0.50	<0.50	<50	0.57	<0.50	ND
	09/07/05	10.12	130.25	<0.50	<0.50	<0.50	<0.50	<50	11	<0.50	ND
	12/14/05	7.29	133.08	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	03/07/06	3.45	136.92	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/07/06	5.37	135.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.61	132.76	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.36	132.01	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	4.24	136.13	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	5.68	134.69	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	93[d]

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-7A	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.37	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5'-20')	05/04/11	5.07	135.30	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
2"	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.87	133.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-8	12/19/00	11.76	127.76	<0.5	<0.5	<0.5	<0.5	<50	3.9		
139.52	03/22/01	5.75	133.77	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
(5.5'-20.5)	06/26/01	10.62	128.90	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
4"	09/11/01	13.33	126.19	--	--	--	--	--	--		
	10/16/01	14.24	125.28	--	--	--	--	--	--		
	11/13/01	6.70	132.82	<0.50	<0.50	<0.50	<0.50	<50	<0.50		TBA: 9.3
142.05	12/07/01	--	--	--	--	--	--	--	--		
	12/11/01	4.34	137.71	--	--	--	--	--	--		
	01/15/02	4.03	138.02	--	--	--	--	--	--		
	02/12/02	5.29	136.76	<0.50	<0.50	<0.50	<0.50	<50	<0.50		
	03/12/02	5.32	136.73	--	--	--	--	--	--		
	04/16/02	6.33	135.72	--	--	--	--	--	--		
	05/14/02	8.53	133.52	<0.50	<0.50	<0.50	<0.50	<50	<0.50		ND
	06/11/02	10.03	132.02	--	--	--	--	--	--		
	07/16/02	11.72	130.33	--	--	--	--	--	--		
	08/13/02	12.96	129.09	<0.50	<0.50	<0.50	<0.50	<50	1.5		
	12/02/02	12.32	129.73	<0.50	<0.50	<0.50	<0.50	<50	51	<0.50	
	03/05/03	5.46	136.59	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
	06/12/03	6.79	135.26	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/16/03	11.76	130.29	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
	12/16/03	7.10	134.95	<0.50	<0.50	<0.50	<0.50	<50	20	<0.50	ND
	03/15/04	5.31	136.74	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/16/04	9.53	132.52	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/13/04	12.45	129.60	<0.50	<0.50	<0.50	<0.50	<50	1.1	<0.50	ND
	12/13/04	8.06	133.99	<0.50	<0.50	<0.50	<0.50	<50	7.7	<0.50	ND
	03/01/05	5.23	136.82	<0.50	<0.50	<0.50	<0.50	<50	3.7	<0.50	ND
	06/08/05	5.65	136.40	<0.50	<0.50	<0.50	<0.50	<50	3.7	<0.50	ND
	09/07/05	10.61	131.44	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	12/14/05	8.37	133.68	<0.50	<0.50	<0.50	<0.50	<50	3	<0.50	ND
	03/07/06	4.76	137.29	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/07/06	6.32	135.73	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.50	133.55	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.27	132.78	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	6.01	136.04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	5.48	136.57	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-8	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
142.05	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5.5'-20.5)	05/04/11	5.68	136.37	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
4"	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.34	135.71	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-9	12/19/00	12.06	125.14	<0.5	<0.5	<0.5	<0.5	<50	66		
137.20	03/22/01	5.91	131.29	<0.5	<0.5	<0.5	<0.5	<50	18		
(5.5'-20.5')	06/26/01	12.02	125.18	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
4"	09/11/01	14.16	123.04	--	--	--	--	--	--		
	10/16/01	15.73	121.47	--	--	--	--	--	--		
	11/13/01	10.05	127.15	<0.50	<0.50	<0.50	<0.50	85	36		TBA: 11
140.72	12/07/01	--	--	--	--	--	--	--	--		
	12/11/01	3.98	136.74	--	--	--	--	--	--		
	01/15/02	3.71	137.01	--	--	--	--	--	--		
	02/12/02	5.62	135.10	<0.50	<0.50	<0.50	<0.50	<50	27		
	03/12/02	5.21	135.51	--	--	--	--	--	--		
	04/16/02	6.85	133.87	--	--	--	--	--	--		
	05/14/02	9.11	131.61	<0.50	<0.50	<0.50	<0.50	<50	21		ND
	06/11/02	10.78	129.94	--	--	--	--	--	--		
	07/16/02	12.98	127.74	--	--	--	--	--	--		
	08/13/02	14.26	126.46	<0.50	<0.50	<0.50	<0.50	<50	19		
	12/02/02	12.75	127.97	<0.50	<0.50	<0.50	<0.50	<50	10	<0.50	
	03/05/03	5.41	135.31	<0.50	<0.50	<0.50	<0.50	<50	2.1	<0.50	
	06/12/03	7.20	133.52	<0.50	<0.50	<0.50	<0.50	<50	25		
	09/16/03	12.75	127.97	<0.50	<0.50	<0.50	<0.50	53	29	<0.50	TBA:5.0
	12/16/03	7.24	133.48	<0.50	<0.50	<0.50	<0.50	89	26	<0.50	ND
	03/15/04	5.24	135.48	<0.50	<0.50	<0.50	<0.50	89	4.2	<0.50	ND
	06/16/04	10.21	130.51	<0.50	<0.50	<0.50	<0.50	<50	22	<0.50	ND
	09/13/04	14.13	126.59	<0.50	<0.50	<0.50	<0.50	100	22	<0.50	TBA:5.7
	12/13/04	8.37	132.35	<0.50	<0.50	<0.50	<0.50	<50	16	<0.50	ND
	03/01/05	4.91	135.81	<0.50	<0.50	<0.50	<0.50	<50	14	<0.50	ND
	06/08/05	5.80	134.92	<0.50	<0.50	<0.50	<0.50	79	14	<0.50	ND
	09/07/05	11.60	129.12	<0.50	<0.50	<0.50	<0.50	110	12	<0.50	ND
	12/14/05	Not sampled		--	--	--	--	--	--	--	
	03/07/06	Not sampled		--	--	--	--	--	--	--	
	06/07/06	Concrete in well box		--	--	--	--	--	--	--	
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.55	131.17	<0.50	<0.50	<0.50	<0.50	100	5.2	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Well Blocked
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-9	08/17/10	10.93	129.79	<0.5	<0.5	<0.5	<0.5	76	3.1	NA	ND
(continued)	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.72	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5.5'-20.5')	05/04/11	5.76	134.96	<0.5	<0.5	<0.5	<0.5	<50	1.5	NA	TPHd:54
4"	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.36	134.87	<0.5	<0.5	<0.5	<0.5	<50	3.1	NA	TPHd:73
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
DTSC-10	12/19/00	9.86	128.32	1,500	50	200	290	6,500	810		
138.18	03/22/01	4.98	133.20	1.1	<0.5	<0.5	<0.5	<50	83		
UK	06/26/01	9.81	128.37	94	1.1	2.4	2.8	610	54		
	09/11/01	10.86	127.32	--	--	--	--	--	--		
	10/16/01	13.93	124.25	--	--	--	--	--	--		
	11/13/01	5.15	133.03	180	200	280	1,100	9,800	52		TBA: 9.9
	12/11/01	3.31	134.87	--	--	--	--	--	--		
	01/15/02	3.38	134.80	--	--	--	--	--	--		
	02/12/02	4.85	133.33	2.3	<0.50	1.2	4.6	180	8.4		TAME: 1.0
	03/12/02	4.31	133.87	--	--	--	--	--	--		
	04/16/02	6.50	131.68	--	--	--	--	--	--		
140.69	05/14/02	7.48	133.21	69	15	73	180	3,800	76		TBA: 11
	06/11/02	9.53	131.16	--	--	--	--	--	--		
	07/16/02	10.78	129.91	--	--	--	--	--	--		
	08/13/02	12.18	128.51	670	46	300	560	7,600	220		TBA: 39
	12/02/02	11.00	129.69	410	24	100	120	4,100	280	<2.0	TBA: 35
	03/05/03	4.60	136.09	37	1.7	59	32	2,200	39	<0.50	TBA: 5.6
	06/12/03	5.74	134.95	11	0.7	27	16	3,600	17	<0.50	
	09/16/03	10.64	130.05	47	1.6	33	14	4,000	68	<0.50	TBA: 13
	12/16/03	5.24	135.45	1.2	<0.50	2.2	0.83	960	2.6	<0.50	ND
	03/15/04	4.14	136.55	0.5	<0.50	1.2	0.56	580	2.7	<0.50	ND
	06/16/04	8.70	131.99	200	2.7	29	7.3	6,000	150	<0.50	TBA: 110
	09/13/04	11.85	128.84	300	11	180	200	5,400	95	<0.90	TBA: 62
	12/13/04	6.40	134.29	<0.50	<0.50	<0.50	<0.50	500	0.87	<0.50	ND
	03/01/05	3.94	136.75	<0.50	<0.50	<0.50	<0.50	350	0.55	<0.50	ND
	06/08/05	4.75	135.94	4.7	<0.50	3.2	<0.50	1,700	3.5	<0.50	ND
	09/07/05	9.71	130.98	140	2.6	16	6.5	4,400	45	<0.50	TBA: 38
	12/14/05	8.40	132.29	1.3	<0.50	1.2	<0.50	620	0.77	<0.50	ND
	03/07/06	4.02	136.67	68	1.3	42	7.5	4,100	13	<0.50	TBA: 12
	06/07/06	5.25	135.44	1.7	<0.50	1.3	<0.50	390	1.6	<0.50	ND
	09/28/06	10.96	129.73	200	4.3	70	34	4,700	52	<0.50	TBA:53
	12/15/06	5.79	134.90	<0.50	<0.50	<0.50	<0.50	130	<0.50	<0.50	ND
	12/28/06	NM	NC	49	2.8	110	58	1,800	3.9	<0.50	ND
	03/23/07	5.04	135.65	<0.50	<0.50	<0.50	<0.50	68	1.9	<0.50	ND
	06/04/07	7.58	133.11	180	2.1	35	17	4,400	34	<0.50	TBA:39
	09/07/07	11.43	129.26	140	2.5	26	12	4,600	36	<0.50	0.71[c]
	12/11/07	8.59	132.10	93	2.2	38	16	1,900	12	<0.50	TBA:14
	02/13/08	4.20	136.49	0.62	<0.50	<0.50	<0.50	<50	0.59	<0.50	ND
	05/27/08	8.37	132.32	220	2.3	22	5.5	3,800	33	<0.50	TBA: 46
	09/10/08	11.69	129.00	<0.50	<0.50	<0.50	<0.50	100	1.3	<0.50	78[d]
	11/05/08	8.09	132.60	1.0	<0.50	<0.50	<0.50	50	<0.50	NA	54[e]
	02/16/09	3.61	137.08	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	56[e]
	05/06/09	4.85	135.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/10/09	10.39	130.30	9.1	1.0	2.8	0.79	860	9.4	NA	TBA:10
	11/23/09	9.81	130.88	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	02/10/10	4.36	136.33	3.5	0.69	<0.50	<0.50	62	1.0	NA	82[d]
	05/05/10	4.34	136.35	0.75	1.2	<0.50	<0.05	120	1.4	NA	140[d]

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
DTSC-10	08/17/10	9.41	131.28	140	2.4	11	3.5	3,800	25	NA	TBA:42
(continued)	11/16/10	7.99	132.70	140	3.0	20	9	1,800	23	NA	TBA:24
140.69	02/02/11	4.76	135.93	4.9	2.3	1.3	0.5	160	3.6	NA	TBA:6.0
UK	05/04/11	4.24	136.45	<0.5	0.57	<0.5	<0.5	75	<0.5	NA	TPHd: 680
	08/11/11	8.92	131.77	220	3.7	17	7.1	5,400	34	NA	TBA: 48,TPHd:<1,500
	11/16/11	10.21	130.48	1.6	<0.5	<0.5	<0.5	170	0.68	NA	TPHd: 140
	02/23/12	7.19	133.50	5.5	<0.50	0.79	0.52	180	2.3	NA	TPHd: 1,100
	05/17/12	5.82	134.87	2.4	1.8	0.88	2.3	140	1.6	NA	TPHd: 660
	08/27/12	10.44	130.25	<0.50	<0.50	<0.50	<0.50	340	0.92	NA	TPHd: 350/100**

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TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-10B	09/07/05	22.21	116.46	180	59	310	2,200	17,000	92	<4.0	ND
138.67	12/14/05	8.80	129.87	91	2.9	45	580	4,500	120	<0.50	TBA: 8.5
(5.5'-20.5')	03/07/06	3.75	134.92	7.8	<0.50	2.1	5	1,100	120	<0.50	TBA: 7.8
4"	06/07/06	15.68	122.99	5.0	<0.50	1.9	<0.50	620	160	<0.50	ND
	09/28/06	20.96	117.71	2.0	<0.50	0.72	1.1	200	210	<0.50	TBA:5.9
	12/15/06	21.15	117.52	4.6	<0.50	0.82	<0.50	220	160	<0.50	TBA:21
	12/28/06	NM	NC	2.2	<0.50	<0.50	<0.50	140	170	ND	TBA:12
	03/23/07	9.04	129.63	2.4	<0.50	<0.50	<0.50	140	150	<0.50	TBA:16
	06/04/07	10.89	127.78	3.2	<0.50	0.69	<0.50	180	120	<0.50	TBA:21
	09/07/07	12.57	126.10	4.3	<0.50	1.5	<0.50	170	120	<0.05	TBA:12
	12/11/07	17.75	120.92	2.2	<0.50	1.3	<0.50	96	98	<0.50	TBA:22
	02/13/08	4.67	134.00	2.4	<0.50	1.6	<0.50	78	2.9	<0.50	ND
	05/27/08	9.58	129.09	2.9	<0.50	<0.50	0.58	110	35	<0.50	TBA: 19
	09/10/08	11.43	127.24	2.7	<0.50	<0.50	1.2	97	42	NA	TBA: 20
	11/05/08	11.97	126.70	3.4	<0.50	<0.50	<0.50	180	81	NA	TBA: 33
	02/16/09	6.12	132.55	<0.50	<0.50	<0.50	<0.50	65	32	NA	TBA:6.3, 15[d]
	05/06/09	6.61	132.06	<0.50	<0.50	<0.50	<0.50	77	34	NA	TBA:6.3, 62[d]
	08/10/09	10.12	128.55	<0.50	<0.50	<0.50	<0.50	72	69	NA	TBA:10
	11/23/09	11.24	127.43	<0.50	<0.50	<0.50	<0.50	120	58	NA	TBA:10
	02/10/10	4.83	133.84	<0.50	<0.50	<0.50	<0.50	<50	33	NA	120[d]
	05/05/10	5.68	132.99	<0.50	<0.50	<0.50	<0.50	<50	24	NA	ND
	08/17/10	9.86	128.81	<0.50	<0.50	<0.50	<0.50	<50	43	NA	TBA:6.3
	11/16/10	12.71	125.96	<0.50	<0.50	<0.50	<0.50	100	57	NA	TBA: 8.3
	02/02/11	7.73	130.94	<0.50	<0.50	<0.50	<0.50	<50	52	NA	ND
	05/04/11	7.46	131.21	<0.50	<0.50	<0.50	<0.50	<50	19	NA	ND
	08/11/11	8.98	129.69	<0.50	<0.50	<0.50	<0.50	<50	58	NA	TBA: 8.2, TPHd: 65
	11/16/11	11.37	127.30	<0.50	<0.50	<0.50	<0.50	64	57	NA	TBA: 6.8, TPHd: <50
	02/23/12	13.91	124.76	<0.50	<0.50	<0.50	<0.50	<50	46	NA	TBA: 9.1, TPHd: <50
141.24	05/17/12	10.17	131.07	<0.50	<0.50	<0.50	<0.50	<50	44	NA	TBA: 5.0, TPHd: 68
	08/27/12	11.81	129.43	<0.50	<0.50	<0.50	<0.50	60	<0.50	NA	TPHd: 2,700/430[**]

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-11	12/19/00	11.25	127.51	12	15	17	10	3,100	<0.5		
138.76	03/22/01	5.94	132.82	5.7	8.3	15	15	4,600	11		
(5.5'-20.5')	06/26/01	10.72	128.04	7.0	11	33	12	4,200	<0.5		
4"	09/11/01	11.95	126.81	--	--	--	--	--	--		
	10/16/01	14.53	124.23	--	--	--	--	--	--		
	11/13/01	10.66	128.10	7.9	2.5	7.4	4.2	3,700	0.86		
141.27	12/07/01	--	--	--	--	--	--	--	--		
	12/11/01	4.20	137.07	--	--	--	--	--	--		
	01/15/02	3.79	137.48	--	--	--	--	--	--		
	02/12/02	5.53	135.74	6.3	13	34	16	9,000	0.52		
	03/12/02	5.25	136.02	--	--	--	--	--	--		
	04/16/02	6.53	134.74	--	--	--	--	--	--		
	05/14/02	8.74	132.53	5.6	24	100	57	5,900	<1.0		ND
	06/11/02	10.22	131.05	--	--	--	--	--	--		
	07/16/02	12.19	129.08	--	--	--	--	--	--		
	08/13/02	13.33	127.94	7.7	11	40	24	4,300	0.7		
	12/02/02	11.33	129.94	7.4	6.9	26	17	4,800	0.54	<1.0	
	03/05/03	5.41	135.86	6.5	19	52	31	6,500	<0.50	<0.50	
	06/12/03	6.82	134.45	4.4	13	56	35	7,600	<1.0	<1.0	
	09/16/03	11.42	129.85	5.5	14	27	29	4,800	<1.0	<1.0	ND
	12/16/03	7.73	133.54	3.5	6.9	10	16	6,100	<0.50	<0.50	ND
	03/15/04	5.12	136.15	3.9	7.2	13	12	4,500	<0.50	<.50	ND
	06/16/04	9.21	132.06	4.2	9.3	31	15	6,300	<1.0	<1.0	ND
	09/13/04	12.70	128.57	6.5	11	14	17	6,000	<0.90	<0.90	ND
	12/13/04	8.41	132.86	3.7	6.0	9.7	11	4,600	<1.0	<1.0	ND
	03/01/05	4.95	136.32	4.1	6.2	12	8.4	4,900	<0.50	<0.50	ND
	06/08/05	5.33	135.94	4.3	6.4	14	9.1	4,900	<0.90	<0.90	ND
	09/07/05	10.50	130.77	3.1	6.0	8.8	9.1	3,900	<0.50	<0.50	ND
	12/14/05	8.16	133.11	3.4	7.1	7.5	10	4,800	<0.50	<0.50	ND
	03/07/06	4.50	136.77	3.3	4.2	7.8	7.4	4,400	<0.50	<0.50	ND
	06/07/06	6.42	134.85	3.0	5.4	9.3	9.8	6,100	<0.50	<0.50	ND
	09/28/06	11.67	129.60	2.4	7.0	7.4	10	5,000	<0.50	<0.50	ND
	12/15/06	8.23	133.04	2.4	7.5	7.1	12	4,800	<0.50	<0.50	ND
	12/28/06	NM	NC	2.4	7.5	7.0	12	3,200	<0.50	NA	NA
	03/23/07	6.14	135.13	2.5	6.3	7.0	9.9	4,300	<0.50	<0.50	4.0[a], 3.2[b]
	06/04/07	8.16	133.11	2.2	6.7	8.4	9.5	4,300	<0.50	<0.50	0.6[a]
	09/07/07	12.05	129.22	1.8	5.6	4.9	8.0	3,400	<0.50	<0.50	1.4[c]
	12/11/07	9.90	131.37	1.5	4.5	5.6	8.2	4,600	<0.50	<0.50	ND
	02/13/08	4.81	136.46	2.0	4.9	4.7	6.2	3,600	<0.50	<0.50	ND
	05/27/08	8.91	132.36	1.7	5.6	9.4	8.6	3,900	<0.50	<0.50	ND
	09/10/08	11.61	129.66	1.1	4.2	2.5	6.8	3,900	<0.50	NA	ND
	11/05/08	10.43	130.84	1.2	3.7	3.8	6.7	4,700	<0.50	NA	ND
	02/16/09	7.23	134.04	5.2	4.2	3.8	6.7	3,700	<0.50	NA	ND
	05/06/09	6.30	134.97	8.7	5.0	5.2	6.2	4,200	<0.50	NA	ND
	08/10/09	11.12	130.15	4.7	3.9	3.4	6.4	3,400	<0.50	NA	ND
	11/23/09	11.36	129.91	3.4	4.9	4.1	8.0	3,700	<0.50	NA	ND
	02/10/10	4.89	136.38	2.5	4.1	2.7	5.5	4,100	<0.50	NA	ND
	05/05/10	5.82	135.45	2.3	3.6	3.1	5.9	3,700	<0.50	NA	ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-11	08/17/10	9.82	131.45	<0.50	<0.50	<0.50	0.61	430	<0.50	NA	ND
(continued)	11/16/10	8.24	133.03	<0.50	<0.50	<0.50	<0.50	170	<0.50	NA	ND
141.27	02/02/11	5.80	135.47	1.4	3.0	2.0	4.7	2,800	<0.50	NA	ND
(5.5'-20.5')	05/04/11	5.65	135.62	1.2	3.0	3.1	6.3	3,800	<0.50	NA	ND
4"	08/11/11	9.16	132.11	<0.50	<0.50	<0.50	<0.50	130	<0.50	NA	TPHd: 57
	11/16/11	11.29	129.98	1.0	3.2	3.4	6.4	3,900	<0.5	NA	TPHd:<1,000
	02/23/12	7.92	133.35	0.75	2.6	1.3	4.6	2,500	<0.50	NA	TPHd: <800
	05/17/12	6.32	134.95	0.88	3.5	4.2	6.9	4,800	<0.50	NA	TPHd: <1500
	08/27/12	11.38	129.89	<0.50	1.4	1.0	2.1	2,200	<0.50	NA	TPHd: <500

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MW-12	12/19/00	11.67	125.58	140	15	71	33	5,500	<0.5		
137.25	03/22/01	6.33	130.92	5.5	8.0	18	11	4,300	9.6		
(5'-20')	06/26/01	11.26	125.99	51	11	140	68	10,000	<0.5		
2"	09/11/01	12.61	124.64	--	--	--	--	--	--		
	10/16/01	15.54	121.71	--	--	--	--	--	--		
	11/13/01	11.36	125.89	19	8.2	330	210	11,000	<2.0		ND
140.77	12/07/01	--	--	--	--	--	--	--	--		
	12/11/01	--	--	--	--	--	--	--	--		
	01/15/02	--	--	--	--	--	--	--	--		Not Accessible
	02/12/02	5.44	135.33	44	2.9	54	27	4,900	<2.0		
	03/12/02	5.01	135.76	--	--	--	--	--	--		
	04/16/02	6.50	134.27	--	--	--	--	--	--		
	05/14/02	--	--	--	--	--	--	--	--		Not Accessible
	06/11/02	10.56	130.21	--	--	--	--	--	--		
	07/16/02	12.80	127.97	--	--	--	--	--	--		
	08/13/02	14.26	126.51	35	5.5	74	30	8,300	<2.0		
	12/02/02	12.68	128.09	47	3.7	72	23	4,900	<1.0	<1.0	
	03/05/03	5.19	135.58	8.9	5.2	130	136	6,200	<1.0	<1.0	
	06/12/03	6.82	133.95	30	5.7	100	32	9,000	<2.0	<2.0	
	09/16/03	12.21	128.56	33	5.1	53	23	4,300	<1.0	<1.0	ND
	12/16/03	7.59	133.18	36	5.1	38	18	9,400	<1.5	<1.5	ND
	03/15/04	4.96	135.81	28	4.7	39	14	6,000	<0.50	<0.50	ND
	06/16/04	9.65	131.12	36	4.7	45	14	5,200	<1.0	<1.0	ND
	09/13/04	13.68	127.09	29	5.1	53	16	9,800	<0.50	<0.50	ND
	12/13/04	8.38	132.39	32	3.3	17	9.5	5,900	<0.50	<0.50	ND
	03/01/05	4.55	136.22	2.6	0.89	8.3	2.5	1,100	<0.50	<0.50	ND
	06/08/05	5.44	135.33	42	2.4	10	4.3	4,000	0.51	<0.50	ND
	09/07/05	10.95	129.82	25	4.4	93	22.0	9,800	<0.50	<0.50	ND
	12/14/05	8.28	132.49	44	3.4	14	8.1	6,500	<0.90	<0.90	ND
	03/07/06	3.94	136.83	30	3	18	7.0	5,000	<0.50	<0.50	ND
	06/07/06	6.36	134.41	34	2.4	18	6.3	5,000	<0.50	<0.50	ND
	09/28/06	12.47	128.30	21	3.1	35	9.3	7,200	<0.90	<0.90	ND
	12/15/06	8.19	132.58	2.6	2.9	20	7.9	4,900	<0.50	<0.50	ND
	12/28/06	NM	NC	20	5.1	18	16	4,200	<0.50	NA	NA
	03/23/07	6.00	134.77	1.1	0.99	7.2	2.2	2,100	<0.50	<0.50	ND
	06/04/07	8.35	132.42	32	2.9	14	4.1	3,800	<0.50	<0.50	1.9[a], 0.51[b]
	09/07/07	12.75	128.02	2.9	3.4	45	9.4	7,200	<0.50	<0.50	1.2[c]
	12/11/07	10.08	130.69	2.1	1.8	18	3.9	5,000	<0.50	<0.50	ND
	02/13/08	4.55	136.22	<0.5	<0.5	<0.5	<0.5	75	<0.50	<0.50	ND
	05/27/08	9.04	131.73	3.0	2.4	24	3.9	4,800	<0.90	<0.90	ND
	09/10/08	12.62	128.15	2.0	2.7	36	8.1	6,100	<0.50	NA	ND
	11/05/08	10.48	130.29	0.69	0.94	9.1	2.5	4,000	<0.50	NA	ND
	02/16/09	6.82	133.95	2.6	2.2	17	5.5	5,400	<0.90	NA	ND
	05/06/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Car over well
	08/10/09	10.39	130.38	4.5	2.2	21	4.0	5,400	<0.50	NA	ND
	11/23/09	11.84	128.93	3.0	2.0	18	3.7	5,000	<0.90	NA	ND
	02/10/10	4.97	135.80	NS	NS	NS	NS	NS	NS	NS	Car over well
	05/05/10	5.99	134.78	NS	NS	NS	NS	NS	NS	NS	
	08/17/10	10.25	130.52	3.9	1.6	15	2.9	4,800	<0.90	NA	ND

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GROUNDWATER MONITORING and ANALYTICAL DATA (921)
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Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-12	11/16/10	8.64	132.13	1.7	1.5	17	4.3	4,800	<0.50	NA	ND
(continued)	02/02/11	5.55	135.22	<0.50	<0.50	<0.50	<0.50	160	<0.50	NA	ND
140.77	05/04/11	5.32	135.45	<0.50	<0.50	<0.50	<0.50	57	<0.50	NA	ND
(5'-20')	08/11/11	9.67	131.10	0.95	0.66	3.4	1.1	2,400	<0.50	NA	TPHd: <800
2"	11/16/11	11.97	128.80	2.5	2.2	15	4.6	6,800	<0.50	NA	<1.500
	02/23/12	8.00	132.77	NS	NS	NS	NS	NS	NS	NS	Car over well
	05/17/12	6.38	134.39	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	TPHd: 100
	08/27/12	12.18	128.59	1.1	1.8	10	2.9	5,100	<0.50	NA	TPHd: <1,500

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Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-13	12/19/00	10.81	126.05	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
136.86	03/22/01	5.15	131.71	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
(5'-20')	06/26/01	11.20	125.66	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
2"	09/11/01	12.58	124.28	--	--	--	--	--	--		
	10/16/01	15.20	121.66	--	--	--	--	--	--		
	11/13/01	6.53	130.33	<0.50	<0.50	<0.50	<0.50	<50	<0.50		
140.39	12/07/01	--	--	--	--	--	--	--	--		
	12/11/01	3.45	136.94	--	--	--	--	--	--		
	01/15/02	3.41	136.98	--	--	--	--	--	--		
	02/12/02	4.91	135.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50		
	03/12/02	4.61	135.78	--	--	--	--	--	--		
	04/16/02	6.02	134.37	--	--	--	--	--	--		
	05/14/02	8.28	132.11	<0.50	<0.50	<0.50	<0.50	<50	<0.50		ND
	06/11/02	12.45	127.94	--	--	--	--	--	--		
	07/16/02	11.38	129.01	--	--	--	--	--	--		
	08/13/02	13.45	126.94	<0.50	<0.50	<0.50	<0.50	<50	3.2		
	12/02/02	12.08	128.31	<0.50	<0.50	<0.50	<0.50	<50	2.6	<0.50	
	03/05/03	4.91	135.48	<0.50	<0.50	<0.50	<0.50	<50	0.76	<0.50	
	06/12/03	6.47	133.92	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
	09/16/03	12.05	128.34	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	12/16/03	5.85	134.54	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	03/15/04	4.73	135.66	<0.50	<0.50	<0.50	<0.50	<50	0.6	<0.50	ND
	06/16/04	9.55	130.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/13/04	13.43	126.96	<0.50	<0.50	<0.50	<0.50	<50	5.8	<0.50	ND
	12/13/04	7.30	133.09	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	03/01/05	4.39	136.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/08/05	5.13	135.26	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/07/05	10.93	129.46	<0.50	<0.50	<0.50	<0.50	<50	1.4	<0.50	ND
	12/14/05	8.01	132.38	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	03/07/06	3.95	136.44	<0.50	<0.50	<0.50	<0.50	<50	1.6	<0.50	ND
	06/07/06	6.03	134.36	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.31	132.08	<0.50	<0.50	<0.50	<0.50	<50	12	<0.50	PERC:1.2
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.04	131.35	<0.50	<0.50	<0.50	<0.50	<50	4.2	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	5.01	135.38	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	5.33	135.06	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-13	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.39	05/04/11	5.11	135.28	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
(5'-20')	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
2"	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	6.02	134.37	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	TPHd: 56
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-14A	09/07/05	11.95	126.09	0.74	<0.50	12	3.1	5,000	7.9	<0.50	ND
138.04	12/14/05	9.09	128.95	<0.50	<0.50	0.73	<0.50	940	7.6	<0.50	ND
(5'-20')	03/07/06	3.94	134.10	1.4	<0.50	1.2	<0.50	1,600	2.5	<0.50	ND
2"	06/07/06	7.17	130.87	1.6	<0.50	1.5	0.56	1,900	3.2	<0.50	ND
	09/28/06	13.54	124.50	<0.50	<0.50	1.6	<0.50	1,000	9.7	<0.50	PERC:0.70
	12/15/06	8.60	129.44	<0.50	<0.50	<0.50	<0.50	110	6.6	<0.50	PERC:0.70
	03/23/07	6.62	131.42	<0.50	<0.50	<0.50	<0.50	240	6.8	<0.50	ND
	06/04/07	9.20	128.84	<0.50	<0.50	1.3	<0.50	1,300	2.9	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Not Accessible
	12/11/07	10.70	127.34	<0.50	<0.50	<0.50	<0.50	390	7.0	<0.50	ND
	02/13/08	4.90	133.14	<0.50	<0.50	<0.50	<0.50	96	1.4	<0.50	ND
	05/27/08	9.95	128.09	0.61	<0.50	<0.50	<0.50	980	2.0	<0.50	ND
	09/10/08	13.49	124.55	<0.50	<0.50	<0.50	<0.50	<50	6.7	NA	ND
	11/05/08	11.36	126.68	<0.50	<0.50	<0.50	<0.50	260	8.0	NA	ND
	02/16/09	6.52	131.52	<0.50	<0.50	<0.50	<0.50	94	2.9	NA	ND
	05/06/09	6.15	131.89	<0.50	<0.50	<0.50	<0.50	<50	4.7	NA	ND
	08/10/09	12.46	125.58	<0.50	<0.50	<0.50	<0.50	440	4.3	NA	ND
	11/23/09	12.72	125.32	<0.50	<0.50	<0.50	<0.50	160	11	NA	ND
	02/10/10	4.79	133.25	1.0	<0.50	<0.50	<0.50	280	3.2	NA	92[d]
	05/05/10	5.72	132.32	<0.50	<0.50	<0.50	<0.50	390	1.7	NA	ND
	08/17/10	11.22	126.82	<0.50	<0.50	0.95	<0.50	1,200	3.9	NA	ND
	11/16/10	9.19	128.85	<0.50	<0.50	0.95	<0.50	200	7.6	NA	ND
	02/02/11	6.09	131.95	<0.50	<0.50	<0.50	<0.50	590	2.0	NA	ND
	05/04/11	5.98	132.06	0.58	<0.50	<0.50	<0.50	780	0.72	NA	4.1[g], 6.8[h], 3.0[i], 3.6[j], 2.7[k]
	08/11/11	10.48	127.56	<0.50	<0.50	1.4	<0.50	2,100	1.6	NA	TPHd: <500
	11/16/11	12.85	125.19	<0.50	<0.50	<0.50	<0.50	75	13	NA	TPHd: <50
	02/23/12	8.71	129.33	<0.50	<0.50	<0.50	<0.50	380	4.2	NA	TPHd: <200
140.67	05/17/12	7.01	133.66	<0.50	<0.50	<0.50	<0.50	640	2.1	NA	TPHd: <200
	08/27/12	13.18	127.49	<0.50	<0.50	<0.50	<0.50	230	9.3	NA	TPHd: <50

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-14B	09/07/05	15.80	122.21	<0.50	<0.50	<0.50	<0.50	230	5.8	<0.50	ND
138.01	12/14/05	9.05	128.96	<0.50	<0.50	<0.50	<0.50	<50	1.8	<0.50	ND
(30'-40')	03/07/06	4.21	133.80	<0.50	<0.50	<0.50	<0.50	65	6.8	<0.50	ND
2"	06/07/06	9.46	128.55	<0.50	<0.50	<0.50	<0.50	<50	8.6	<0.50	ND
	09/28/06	18.10	119.91	<0.50	<0.50	<0.50	<0.50	<50	9.9	<0.50	PERC:0.89
	12/15/06	18.13	119.88	<0.50	<0.50	<0.50	<0.50	<50	4.2	<0.50	ND
	03/23/07	18.36	119.65	<0.50	<0.50	<0.50	<0.50	<50	15	ND	PERC:0.90
	06/04/07	16.82	121.19	<0.50	<0.50	<0.50	<0.50	<50	12	ND	PERC:0.95
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Not Accessible
	12/11/07	17.59	120.42	<0.50	<0.50	<0.50	<0.50	<50	12	<0.50	PERC:1.4
	02/13/08	5.62	132.39	<0.50	<0.50	<0.50	<0.50	<50	10	<0.50	ND
	05/27/08	9.82	128.19	<0.50	<0.50	<0.50	<0.50	<50	9.1	<0.50	ND
	09/10/08	13.72	124.29	<0.50	<0.50	<0.50	<0.50	320	9.1	NA	ND
	11/05/08	10.90	127.11	<0.50	<0.50	<0.50	<0.50	<50	4.4	NA	16[e]
	02/16/09	8.48	129.53	<0.50	<0.50	<0.50	<0.50	<50	1.5	NA	ND
	05/06/09	14.81	123.20	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/10/09	15.44	122.57	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	11/23/09	12.25	125.76	<0.50	<0.50	<0.50	<0.50	<50	3.5	NA	ND
	02/10/10	10.69	127.32	<0.50	<0.50	<0.50	<0.50	<50	1.0	NA	ND
	05/05/10	12.19	125.82	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/17/10	13.74	124.27	<0.50	<0.50	<0.50	<0.50	<50	0.55	NA	ND
	11/16/10	18.97	119.04	<0.50	<0.50	<0.50	<0.50	<50	3.0	NA	ND
	02/02/11	16.32	121.69	<0.50	<0.50	<0.50	<0.50	<50	9.8	NA	ND
	05/04/11	18.83	119.18	<0.50	<0.50	<0.50	<0.50	<50	2.0	NA	TPHd: 110
	08/11/11	17.71	120.30	<0.50	<0.50	<0.50	<0.50	<50	6.7	NA	TPHd: 53
	11/16/11	12.29	125.72	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	TPHd: 280, 6.3[e]
	02/23/12	8.82	129.19	<0.50	<0.50	<0.50	<0.50	<50	1.7	NA	TPHd: 62
140.63	05/17/12	7.92	132.71	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	TPHd: 68
	08/27/12	12.53	128.10	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	TPHd: <50

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-15A	09/07/05	11.05	125.77	<0.50	<0.50	<0.50	<0.50	98	19	<0.50	ND
136.82	12/14/05	8.01	128.81	<0.50	<0.50	<0.50	<0.50	85	19	<0.50	ND
(5'-20')	03/07/06	2.50	134.32	<0.50	<0.50	<0.50	<0.50	100	2.2	<0.50	ND
2"	06/07/06	6.91	129.91	<0.50	<0.50	<0.50	<0.50	71	2.1	<0.50	ND
	09/28/06	13.17	123.65	<0.50	<0.50	<0.50	<0.50	130	13	<0.50	Cis-1,2-DCE: 8.3, TCE:13, PERC:69,
	12/15/06	8.02	128.80	<0.50	<0.50	<0.50	<0.50	78	9.8	<0.50	Cis-1,2-DCE: 4.7, TCE:7.8, PERC:39,
	03/23/07	6.04	130.78	<0.50	<0.50	<0.50	<0.50	72	7.1	<0.50	Cis-1,2-DCE: 4.2, TCE:6.2, PERC:37,
	06/04/07	7.96	128.86	<0.50	<0.50	<0.50	<0.50	54	4.6	<0.50	Cis-1,2-DCE: 3.4, TCE:5.6, PERC:33,
	09/07/07	13.26	123.56	<0.50	<0.50	<0.50	<0.50	97	7.1	<0.50	Cis-1,2-DCE: 7.2, TCE:9.7, PERC:49,
	12/11/07	9.75	127.07	<0.50	<0.50	<0.50	<0.50	82	6.4	<0.50	Cis-1,2-DCE: 4.6, TCE:7.5, PERC:48, Carbon Tet: 0.56
	02/13/08	4.15	132.67	<0.50	<0.50	<0.50	<0.50	<50	2.2	<0.50	ND
	05/27/08	9.18	127.64	<0.50	<0.50	<0.50	<0.50	66	3.3	<0.50	ND
	09/10/08	13.80	123.02	<0.50	<0.50	<0.50	<0.50	100	4.9	NA	ND
	11/05/08	10.43	126.39	<0.50	<0.50	<0.50	<0.50	130	4.2	NA	38[e]
	02/16/09	6.10	130.72	<0.50	<0.50	<0.50	<0.50	71	2.5	NA	ND
	05/06/09	5.98	130.84	<0.50	<0.50	<0.50	<0.50	73	2.2	NA	ND
	08/10/09	12.39	124.43	<0.50	<0.50	<0.50	<0.50	62	3.5	NA	ND
	11/23/09	12.57	124.25	<0.50	<0.50	<0.50	<0.50	66	<0.50	NA	ND
	02/10/10	3.72	133.10	<0.50	<0.50	<0.50	<0.50	85	1.2	NA	ND
	05/05/10	5.62	131.20	<0.50	<0.50	<0.50	<0.50	92	0.84	NA	110[d]
	08/17/10	10.81	126.01	<0.50	<0.50	<0.50	<0.50	71	2.4	NA	ND
	11/16/10	8.88	127.94	<0.50	<0.50	<0.50	<0.50	110	1.8	NA	ND
	02/02/11	5.81	131.01	<0.50	<0.50	<0.50	<0.50	76	0.87	NA	ND
	05/04/11	5.98	130.84	<0.50	<0.50	<0.50	<0.50	110	<0.50	NA	Cis-1,2-DCE:6.7 TCE: 10, PERC:57, Dichlorodifluoro-methane: 0.61
	08/11/11	9.67	127.15	<0.50	<0.50	<0.50	<0.50	70	2.0	<0.5	Cis-1,2-DCE:5.5 TCE: 7.5, PERC:39, TPHd:<50
	11/16/11	12.84	123.98	<0.50	<0.50	<0.50	<0.50	110	3.0	NA	TPHd: <50
	02/23/12	8.03	128.79	<0.50	<0.50	<0.50	<0.50	61	0.90	NA	TPHd: <50
139.5	05/17/12	6.38	133.12	<0.50	<0.50	<0.50	<0.50	110	0.98	NA	TPHd: 61
	08/27/12	12.82	126.68	<0.50	<0.50	<0.50	<0.50	170	2.0	NA	TPHd: <50

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
MW-15B	09/07/05	18.81	117.85	<0.50	<0.50	<0.50	<0.50	130	6.5	<0.50	ND
136.66	12/14/05	15.70	120.96	<0.50	<0.50	<0.50	<0.50	140	6.2	<0.50	ND
(30'-40')	03/07/06	8.93	127.73	<0.50	<0.50	<0.50	<0.50	78	0.92	<0.50	ND
2"	06/07/06	15.32	121.34	<0.50	<0.50	<0.50	<0.50	160	3.7	<0.50	ND
	09/28/06	20.64	116.02	<0.50	<0.50	<0.50	<0.50	99	7.2	<0.50	Cis-1,2-DCE:9.8 Carbon Tet: 0.67, TCE: 13, PERC:63
	12/15/06	16.82	119.84	<0.50	<0.50	<0.50	<0.50	130	4.8	<0.50	Cis-1,2-DCE:6.9 Carbon Tet: 0.56, TCE: 11, PERC:59
	03/23/07	14.55	122.11	<0.50	<0.50	<0.50	<0.50	67	<0.50	<0.50	Cis-1,2-DCE:6.1 TCE: 8.0, PERC:34
	06/04/07	16.59	120.07	<0.50	<0.50	<0.50	<0.50	64	<0.50	<0.50	Cis-1,2-DCE:5.4 TCE: 8.4, PERC:35
	09/07/07	21.46	115.20	<0.50	<0.50	<0.50	<0.50	82	0.52	<0.50	Cis-1,2-DCE:3.4 TCE: 7.9, PERC:38
	12/11/07	17.70	118.96	<0.50	<0.50	<0.50	<0.50	95	0.70	<0.50	Cis-1,2-DCE:5.1 TCE: 9.2, PERC:61, Carbon Tet: 2.0
	02/13/08	12.18	124.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	05/27/08	17.84	118.82	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/10/08	22.31	114.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	50[d]
	11/05/08	19.49	117.17	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	63[d], 23[e]
	02/16/09	15.14	121.52	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	05/06/09	14.32	122.34	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/10/09	20.48	116.18	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	11/23/09	19.76	116.90	<0.50	<0.50	<0.50	<0.50	95	3.4	NA	ND
	02/10/10	11.56	125.10	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	05/05/10	14.42	122.24	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/17/10	18.72	117.94	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	11/16/10	16.21	120.45	<0.50	<0.50	<0.50	<0.50	75	<0.50	NA	ND
	02/02/11	13.51	123.15	<0.50	<0.50	<0.50	<0.50	76	0.79	NA	ND
	05/04/11	14.02	122.64	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	Cis-1,2-DCE:1.2 TCE: 2.0, PERC:8.2
	8/11/2011	17.81	118.85	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	TPHd: 65
	11/16/11	19.36	117.30	<0.50	<0.50	<0.50	<0.50	56	0.81	NA	7.6[e], TPHd: 64
	02/23/12	15.41	121.25	<0.50	<0.50	<0.50	<0.50	53	<0.50	NA	TPHd: <50
139.62	05/17/12	14.32	125.30	<0.50	<0.50	<0.50	<0.50	78	<0.50	NA	TPHd: 53
	08/27/12	20.43	119.19	<0.50	<0.50	<0.50	<0.50	85	<0.50	NA	TPHd: <50

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
RW-1	12/19/00	9.52	128.63	<0.5	<0.5	<0.5	<0.5	<50	89		
138.15	03/22/01	4.76	133.39	<0.5	<0.5	<0.5	<0.5	<50	2.2		
UK	06/26/01	9.56	128.59	<0.5	<0.5	<0.5	<0.5	<50	190		
	09/11/01	--	--	--	--	--	--	--	--		Dry
	10/16/01	--	--	--	--	--	--	--	--		Dry
	11/13/01	4.99	133.16	0.94	<0.50	<0.50	1.6	<50	<0.50		
	12/11/01	3.11	135.04	--	--	--	--	--	--		
	01/15/02	3.18	134.97	--	--	--	--	--	--		
140.60	02/14/02	--	--	--	--	--	--	--	--		
	02/12/02	4.51	136.09	<0.50	<0.50	<0.50	<0.50	<50	7.3		
	03/12/02	4.24	136.36	--	--	--	--	--	--		
	04/16/02	5.15	135.45	--	--	--	--	--	--		
	05/14/02	7.25	133.35	1.1	<0.50	<0.05	<0.50	<50	17		ND
	06/11/02	8.91	131.69	--	--	--	--	--	--		
	07/16/02	10.36	130.24	--	--	--	--	--	--		
	08/13/02	10.71	129.89	--	--	--	--	--	--		Dry
	12/02/02	10.53	130.07	--	--	--	--	--	--		Dry
	03/05/03	4.55	136.05	<0.50	<0.50	<0.50	<0.50	<50	21	<0.50	
	06/12/03	5.63	134.97	<0.50	<0.50	<0.50	<0.50	<50	12	<0.50	
	09/16/03	10.43	130.17	--	--	--	--	--	--	--	
	12/16/03	5.05	135.55	<0.50	<0.50	<0.50	<0.50	<50	3	<0.50	
	03/15/04	4.41	136.19	<0.50	<0.50	<0.50	<0.50	<50	0.5	<0.50	
	06/16/04	8.57	132.03	<0.50	<0.50	<0.50	<0.50	<50	35	<0.50	TBA:19
	09/13/04	DRY	DRY	--	--	--	--	--	--	--	
	12/13/04	6.11	134.49	12	<0.50	<0.50	<0.50	60	7.6	<0.50	ND
	03/01/05	3.92	136.68	<0.50	<0.50	<0.50	<0.50	<50	1.2	<0.50	ND
	06/08/05	4.68	135.92	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/07/05	9.83	130.77	<0.50	<0.50	<0.50	<0.50	<50	15	<0.50	TBA:5.8
	12/14/05	7.16	133.44	0.96	<0.50	<0.50	<0.50	<50	3.5	<0.50	ND
	03/07/06	3.25	137.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/07/06	5.16	135.44	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.48	133.12	<0.50	<0.50	<0.50	<0.50	<50	1.0	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.29	132.31	<0.50	<0.50	<0.50	<0.50	<50	5.7	<0.50	TBA: 6.3
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	4.83	135.77	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	4.76	135.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
RW-1	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.60	05/04/11	5.20	135.40	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
UK	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	5.17	135.43	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
RW-2	12/19/00	9.73	128.58	<0.5	<0.5	<0.5	<0.5	<50	3.6		
138.31	03/22/01	4.95	133.36	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
UK	06/26/01	9.75	128.56	<0.5	<0.5	<0.5	<0.5	<50	24		
	09/11/01	--	--	--	--	--	--	--	--		Dry
	10/16/01	--	--	--	--	--	--	--	--		Dry
	11/13/01	5.20	133.11	<0.50	<0.50	<0.50	<0.50	<50	<0.50		
	12/11/01	3.39	134.92	--	--	--	--	--	--		
	01/15/02	3.04	135.27	--	--	--	--	--	--		
140.81	02/14/02	--	--	--	--	--	--	--	--		
	02/12/02	4.69	136.12	0.57	<0.50	<0.50	<0.50	<50	4.5		
	03/12/02	4.35	136.46	--	--	--	--	--	--		
	04/16/02	5.32	135.49	--	--	--	--	--	--		
	05/14/02	7.55	133.26	<0.50	<0.50	<0.50	<0.50	<50	5.9		ND
	06/11/02	9.06	131.75	--	--	--	--	--	--		
	07/16/02	10.38	130.43	--	--	--	--	--	--		
	08/13/02	10.84	129.97	--	--	--	--	--	--		Dry
	12/02/02	10.75	130.06	--	--	--	--	--	--		Dry
	03/05/03	4.71	136.10	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
	06/12/03	5.78	135.03	<0.50	<0.50	<0.50	<0.50	<50	1	<0.50	
	09/16/03	10.44	130.37	--	--	--	--	--	--	--	
	12/16/03	5.25	135.56	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
	03/15/04	4.55	136.26	<0.50	<0.50	<0.50	<0.50	<50	0.68	<.50	
	06/16/04	8.76	132.05	<0.50	<0.50	<0.50	<0.50	<50	21	<0.50	ND
	09/13/04	DRY	DRY	--	--	--	--	--	--	--	
	12/13/04	6.31	134.50	0.86	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	03/01/05	4.04	136.77	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/08/05	4.81	136.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/07/05	9.86	130.95	<0.50	<0.50	<0.50	<0.50	<50	9.8	<0.50	ND
	12/14/05	7.35	133.46	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	03/07/06	3.41	137.40	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/07/06	5.35	135.46	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.62	133.19	<0.50	<0.50	<0.50	<0.50	<50	1.9	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.46	132.35	<0.50	<0.50	<0.50	<0.50	<50	2.1	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	4.92	135.89	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	4.81	136.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	64[d]
	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
RW-2	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.81	05/04/11	4.98	135.83	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
UK	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	5.63	135.18	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	TPHd: 69
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
RW-3	12/19/00	9.76	128.50	<0.5	<0.5	<0.5	<0.5	<50	<0.5		
138.26	03/22/01	4.89	133.37	<0.5	<0.5	<0.5	<0.5	<50	3.0		
UK	06/26/01	9.71	128.55	<0.5	<0.5	<0.5	<0.5	<50	68		
	09/11/01	--	--	--	--	--	--	--	--		Dry
	10/16/01	--	--	--	--	--	--	--	--		Dry
	11/13/01	5.15	133.11	<0.50	<0.50	<0.50	<0.50	<50	<0.50		
	12/11/01	3.25	135.01	--	--	--	--	--	--		
	01/15/02	3.23	135.03	--	--	--	--	--	--		
140.78	02/14/02	--	--	--	--	--	--	--	--		
	02/12/02	4.63	136.15	<0.50	0.88	<0.50	<0.50	<50	1.5		
	03/12/02	4.31	136.47	--	--	--	--	--	--		
	04/16/02	5.26	135.52	--	--	--	--	--	--		
	05/14/02	7.49	133.29	<0.50	<0.50	<0.50	<0.50	<50	13		ND
	06/11/02	9.01	131.77	--	--	--	--	--	--		
	07/16/02	10.37	130.41	--	--	--	--	--	--		
	08/13/02	--	--	--	--	--	--	--	--		Dry
	12/02/02	10.79	129.99	--	--	--	--	--	--		Dry
	03/05/03	4.73	136.05	<0.50	<0.50	<0.50	<0.50	<50	3.6	<0.50	
	06/12/03	5.72	135.06	<0.50	<0.50	<0.50	<0.50	<50	2.3	<0.50	
	09/16/03	10.40	--	--	--	--	--	--	--		
	12/16/03	5.25	135.53	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
	03/15/04	4.56	136.22	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
	06/16/04	8.71	132.07	<0.50	<0.50	<0.50	<0.50	<50	14	<0.50	ND
	09/13/04	DRY	DRY	--	--	--	--	--	--	--	
	12/13/04	6.33	134.45	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	03/01/05	4.05	136.73	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/08/05	4.71	136.07	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	09/07/05	9.83	130.95	<0.50	<0.50	<0.50	<0.50	<50	6.2	<0.50	ND
	12/14/05	7.30	133.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	03/07/06	3.38	137.40	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND
	06/07/06	5.29	135.49	<0.50	<0.50	<0.50	<0.50	<50	0.59	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/23/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.62	133.16	<0.50	<0.50	<0.50	<0.50	<50	2.4	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.44	132.34	<0.50	<0.50	<0.50	<0.50	<50	3.8	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/05/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/06/09	4.91	135.87	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/10/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/10	4.73	136.05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND

TABLE 1
GROUNDWATER MONITORING and ANALYTICAL DATA (921)
TESORO, 921 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Sampling Date**	Depth to Groundwater (ft)#	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Comments**
RW-3	08/17/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	11/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
140.78	02/02/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
UK	05/04/11	4.83	135.95	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/16/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/23/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/17/12	5.32	135.46	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	TPHd: 92
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	Annual Sample

Explanations:

TPHg = Total petroleum hydrocarbons as gasoline
TPHd = Total petroleum hydrocarbons as diesel
MTBE = Methyl tertiary butyl ether
1,2-DCA = Dichloroethane
µg/L = Micrograms per liter
TBA = Tert-butanol
TAME = Tert-amyl methyl ether
DIPE = Diisopropyl ether
ETBE = Ethyl-t-butyl ether
PERC = Tetrachloroethene
TCE = Trichloroethene
Carbon Tet = Carbon Tetrachoride

(5'-25') = Depths of screen interval
4" = Well casing diameter
UK = Unknown
-- = Not measured/sampled/analyzed
ND = non detect for DIPE, ETBE, TAME, and TBA
* = Feet relative to mean sea level
** = TPHd Silica Gel
# = Feet below top of riser
NA = Not Analyzed

a = Vinyl Choride
b = cis-1-,2-Dichloroethene
c = Chloroethane
d = Methanol
e = Ethanol
f = TPH Diesel
g = Isopropyl benznene
h = n- Propylbenzene
i = tert -Butylbenzene
j = sec-Butylbenzene
k = n-Butylbenzene

Notes:

Original casing elevation is displayed below well name.
Later surveyed elevations are displayed next to the date they were taken.

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
MW-1	12/19/00	10.76	--	<0.5	<0.5	<0.5	<0.5	<50	4.7			
--	03/22/01	6.01	--	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
(5'-20')	06/26/01	10.41	--	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
4"	09/11/01	10.99	--	--	--	--	--	--	--			
	10/16/01	13.99	--	--	--	--	--	--	--			
	11/13/01	11.45	--	<0.50	<0.50	<0.50	<0.50	<50	2.2			
142.81	12/07/01	--	--	--	--	--	--	--	--			
	12/11/01	4.83	137.98	--	--	--	--	--	--			
	01/15/02	3.51	139.30	--	--	--	--	--	--			
	02/12/02	5.43	137.38	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
	03/12/02	5.40	137.41	--	--	--	--	--	--			
	04/16/02	6.24	136.57	--	--	--	--	--	--			
	05/14/02	8.35	134.46	<0.50	<0.50	<0.50	<0.50	<50	1.3			ND
	06/11/02	9.79	133.02	--	--	--	--	--	--			
	07/16/02	11.82	130.99	--	--	--	--	--	--			
	08/13/02	12.65	130.16	<0.50	<0.50	<0.50	<0.50	<50	1.1			
	12/02/02	12.51	130.30	<0.50	<0.50	<0.50	<0.50	<50	0.88	<0.50		
	03/05/03	5.54	137.27	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	06/12/03	6.84	135.97	<0.50	<0.50	<0.50	<0.50	<50	<50	<50		
	09/16/03	11.19	131.62	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/16/03	8.60	134.21	<0.50	<0.50	<0.50	<0.50	<50	0.73	<0.50		ND
	03/15/04	4.83	137.98	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/16/04	9.05	133.76	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/13/04	12.26	130.55	<0.50	<0.50	<0.50	<0.50	<50	0.87	<0.50		ND
	12/13/04	9.01	133.80	<0.50	<0.50	<0.50	<0.50	<50	0.62	<0.50		ND
	03/01/05	5.24	137.57	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/08/05	5.76	137.05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/08/05	10.36	132.45	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/15/05	8.58	134.23	<0.50	<0.50	<0.50	<0.50	<50	0.58	<0.50		ND
	03/06/06	4.51	138.30	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	06/07/06	6.33	136.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.22	134.59	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.19	133.62	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)[*]	**Date**	**Depth to Groundwater (ft)[#]**	**Groundwater Elevation (ft)[*]**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**1,2-DBA (µg/L)**	**Comments**
MW-1	05/05/09	6.54	136.27	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
(continued)	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
142.81	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(5'-20')	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
4"	05/05/10	5.58	137.23	<0.50	<0.50	<0.50	<0.50	<50	<0.50	ND	ND	62[c]
	08/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/03/11	5.72	137.09	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/21/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/15/12	6.34	136.47	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
MW-2	12/19/00	10.89	128.82	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
139.71	03/22/01	5.58	134.13	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
(4.5'-19.5')	06/26/01	10.26	129.45	<0.5	<0.5	<0.5	<0.5	<50	<0.5			
4"	09/11/01	13.11	126.60	--	--	--	--	--	--			
	10/16/01	14.26	125.45	--	--	--	--	--	--			
	11/13/01	10.20	129.51	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
142.19	12/07/01	--	--	--	--	--	--	--	--			
	12/11/01	4.58	137.61	--	--	--	--	--	--			
	01/15/02	3.53	138.66	--	--	--	--	--	--			
	02/12/02	5.32	136.87	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
	03/12/02	5.23	136.96	--	--	--	--	--	--			
	04/16/02	6.30	135.89	--	--	--	--	--	--			
	05/14/02	8.42	133.77	<0.50	<0.50	<0.50	<0.50	<50	<0.50			ND
	06/11/02	9.74	132.45	--	--	--	--	--	--			
	07/16/02	11.79	130.40	--	--	--	--	--	--			
	08/13/02	13.18	129.01	<0.50	<0.50	<0.50	<0.50	<50	<0.50			
	12/02/02	12.65	129.54	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	03/05/03	5.35	136.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	06/12/03	6.65	135.54	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		
	09/16/03	11.19	131.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/16/03	8.20	133.99	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/15/04	4.99	137.20	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/16/04	8.80	133.39	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/13/04	12.38	129.81	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/13/04	8.71	133.48	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/01/05	5.05	137.14	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	06/08/05	5.57	136.62	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	09/08/05	10.13	132.06	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	12/15/05	8.19	134.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50		ND
	03/06/06	4.35	137.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	06/07/06	6.17	136.02	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.92	134.27	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.84	133.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<0.50	ND
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/05/09	6.22	135.97	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
MW-2	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
(continued)	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
142.19	05/05/10	5.34	136.85	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	140[c]
(4.5'-19.5')	08/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
4"	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/03/11	5.45	136.74	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
	08/11/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/21/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/15/12	6.63	135.56	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd = 58 ppb
	08/27/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
MW-3	12/19/00	10.65	128.89	3.7	4.3	0.7	2.8	200	<0.5			
139.54	03/22/01	5.72	133.82	0.7	6.3	40	27	1,600	<0.5			
	06/26/01	10.11	129.43	<0.5	<0.5	<0.5	<0.5	260	<0.5			
	09/11/01	13.04	126.50	--	--	--	--	--	--			
	10/16/01	13.98	125.56	--	--	--	--	--	--			
	11/13/01	10.36	129.18	<0.50	<0.50	56	46	1,800	0.55			
142.03	12/07/01	--	--	--	--	--	--	--	--			
	12/11/01	4.47	137.56	--	--	--	--	--	--			
	01/15/02	3.37	138.66	--	--	--	--	--	--			
	02/12/02	5.16	136.87	<0.50	0.73	44	22	4,000	0.51			
	03/12/02	5.07	136.96	--	--	--	--	--	--			
	04/16/02	6.33	135.70	--	--	--	--	--	--			
	05/14/02	8.19	133.84	<0.50	<0.50	3.3	1.7	530	<0.50			ND
	06/11/02	9.69	132.34	--	--	--	--	--	--			
	07/16/02	11.76	130.27	--	--	--	--	--	--			
	08/13/02	12.88	129.15	<0.50	<0.50	<0.50	<0.50	210	<0.50			
	12/02/02	12.35	129.68	<0.50	0.54	24	8.0	1,800	<0.50	<0.50		
	03/05/03	5.19	136.84	<0.50	<0.50	5.7	1.4	1,200	<0.50	<0.50		
	06/12/03	7.49	134.54	<0.50	<0.50	6.9	1.2	1,400	<0.50	<0.50		
	09/16/03	--	--	--	--	--	--	--	--	--		
	12/16/03	--	--	--	--	--	--	--	--	--		
	03/15/04	--	--	--	--	--	--	--	--	--		
	06/16/04	Well Destroyed										
MW-3A	02/21/21	8.00	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
142.36	05/15/12	6.62	135.74	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
	08/27/12	12.71	129.65	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
MW-3B	02/21/21	9.12	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd=100
142.44	05/15/12	8.41	134.03	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd = 65 ppb
	08/27/12	11.16	131.28	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd <50
DTSC-4	12/19/00	10.95	128.74	3.3	2.5	1.3	1.7	520	<0.5			
139.69	03/22/01	5.99	133.70	1.4	4.3	19	2.8	590	9.4			
	06/26/01	10.38	129.31	6.1	<0.5	3.9	2.6	890	<0.5			
	09/11/01	Well Abandoned										

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
DTSC-4A	10/16/01	14.45	--	--	--	--	--	--	--			
141.86	11/13/01	10.46	--	<0.50	0.93	<0.50	2.9	4,000	<0.50			
(5'-20')	12/07/01	--	--	--	--	--	--	--	--			
2"	12/11/01	4.48	137.38	--	--	--	--	--	--			
	01/15/02	3.03	138.83	--	--	--	--	--	--			
	02/12/02	5.14	136.72	<0.50	1.4	28	4.4	5,800	<0.50			
	03/12/02	5.21	136.65	--	--	--	--	--	--			
	04/16/02	6.15	135.71	--	--	--	--	--	--			
	05/14/02	8.60	133.26	0.53	1.3	21	4.6	2,800	<0.50			ND
	06/11/02	10.15	131.71	--	--	--	--	--	--			
	07/16/02	12.15	129.71	--	--	--	--	--	--			
	08/13/02	13.65	128.21	<0.50	<0.50	1.8	0.7	1,300	<0.50			
	12/02/02	12.61	129.25	0.70	1.3	16	4.1	4,500	<0.50	<0.50		
	03/05/03	5.12	136.74	0.78	1.9	31	5.8	4,200	<0.50	<0.50		
	06/12/03	6.60	135.26	<0.50	0.69	7.2	1.5	2,000	<0.50	<0.50		
	09/16/03	11.26	130.60	0.67	1.5	35	10	4,200	<0.50	<0.50		ND
	12/16/03	8.05	133.81	<1.0	1.5	2.1	6	3,100	<1.0	<1.0		ND
	03/15/04	4.83	137.03	0.8	1.0	3.5	1.80	3,000	<0.50	<0.50		ND
	06/16/04	8.95	132.91	0.59	1.2	6.9	2.9	2,600	<0.50	<0.50		ND
	09/13/04	12.56	129.30	<0.50	1.2	3.2	3.5	3,900	<0.50	<0.50		ND
	12/13/04	8.55	133.31	0.61	1.1	1.8	3.1	2,900	<0.50	<0.50		ND
	03/01/05	4.97	136.89	<0.50	<0.50	<0.50	<0.50	1,300	<0.50	<0.50		ND
	06/08/05	5.35	136.51	<0.50	<0.50	0.82	<0.50	800	<0.50	<0.50		ND
	09/08/05	10.23	131.63	0.58	0.89	3.7	0.70	1,400	<0.50	<0.50		ND
	12/15/05	8.13	133.73	<0.50	0.53	0.88	<0.50	1,800	<0.50	<0.50		ND
	03/06/06	4.30	137.56	<0.50	<0.50	<0.50	<0.50	270	<0.50	<0.50	<0.50	ND
	06/07/06	6.01	135.85	<0.50	<0.50	<0.50	<0.50	170	<0.50	<0.50	<0.50	ND
	09/28/06	11.33	130.53	2.6	0.84	1.8	2.2	790	<0.50	<0.50	<0.50	
	12/15/06	8.37	133.49	<0.50	0.79	1.1	0.65	1,600	<0.50	<0.50	<0.50	
	12/28/06	NM	NC	<0.50	0.85	1.7	0.93	1,500	<0.50	NA	NA	
	03/22/07	5.84	136.02	<0.50	<0.50	<0.50	<0.50	120	<0.50	<0.50	<0.50	
	06/04/07	7.95	133.91	<0.50	0.58	1.4	<0.50	1,200	<0.50	<0.50	<0.50	ND
	09/07/07	11.72	130.14	<0.50	0.64	1.7	0.74	1,800	<0.50	<0.50	<0.50	0.98[a], 0.74[b]
	12/11/07	9.70	132.16	0.50	0.97	1.9	0.84	1,900	<0.50	<0.50	<0.50	ND
	02/13/08	4.69	137.17	<0.50	<0.50	<0.50	<0.50	320	<0.50	<0.50	<0.50	ND
	05/27/08	8.79	133.07	<0.50	<0.50	<0.50	<0.50	790	<0.50	<0.50	<0.50	ND
	09/10/08	11.73	130.13	0.51	0.66	1.7	0.57	1,400	<0.50	NA	NA	ND

TABLE 2
GROUNDWATER MONITORING and ANALYTICAL DATA (805)
BAUGH, 805 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	1,2-DBA (µg/L)	Comments
DTSC-4A	11/04/08	10.35	131.51	<0.5	0.87	0.94	<0.50	1,300	<0.50	NA	NA	
(cont.)	02/16/09	6.86	135.0	<0.50	<0.50	<0.50	<0.50	680	<0.50	NA	NA	ND
141.86	05/05/09	6.18	135.68	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
(5'-20')	08/10/09	10.83	131.03	<0.50	<0.50	<0.50	<0.50	820	<0.50	NA	NA	ND
2"	11/23/09	11.03	130.83	<0.50	0.74	1.6	<0.50	1,600	<0.50	NA	NA	ND
	02/09/10	4.81	137.05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
	05/05/10	5.14	136.72	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	88[c]
	08/16/10	9.79	132.07	<0.50	<0.50	<0.50	<0.50	580	<0.50	NA	NA	ND
	11/15/10	8.15	133.71	<0.50	<0.50	<0.50	<0.50	600	<0.50	NA	NA	ND
	02/01/11	5.54	136.32	<0.50	<0.50	<0.50	<0.50	120	<0.50	NA	NA	ND
	05/03/11	5.23	136.63	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	ND
	08/11/11	9.31	132.55	<0.50	<0.50	<0.50	<0.50	380	<0.50	NA	NA	ND
	11/15/11	11.02	130.84	<0.50	<0.50	<0.50	<0.50	500	<0.50	NA	NA	TPHd <300
	02/21/12	7.70	134.16	<0.50	<0.50	<0.50	<0.50	160	<0.50	NA	NA	TPHd <300
	05/15/12	5.90	135.96	<0.50	<0.50	<0.50	<0.50	160	<0.50	NA	NA	TPHd = 54 ppb
	08/27/12	11.23	130.63	<0.50	<0.50	<0.50	<0.50	460	<0.50	NA	NA	TPHd: <400

Explanations:

TPHg = Total petroleum hydrocarbons as gasoline
MTBE = Methyl tertiary butyl ether
1,2-DCA = Dichloroethane
1,2-DBA = 1,2-Dibromoethane
µg/L = Micrograms per liter
TBA = Tert-butanol
TAME = Tert-amyl methyl ether
DIPE = Diisopropyl ether
ETBE = Ethyl-t-butyl ether

(5'-25') = Depths of screen interval
4" = Well casing diameter
UK = Unknown
-- = Not sampled/analyzed
ND = non detect for DIPE, ETBE, TAME (<0.50 standard), and TBA (<5.0 standard)
* = Feet relative to mean sea level
# = Feet below top of riser
NA = Not Analyzed

Notes:

Original casing elevation is displayed below well name.
Later surveyed elevations are displayed next to the date they were taken.
a = Chloromethane
b = Chloroethane
c = Methanol

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-1	12/19/00	--	--	--	--	--	--	--	--		--	
141.52	12/07/01	--	--	--	--	--	--	--	--		--	
(5'-25')	12/02/02	--	--	--	--	--	--	--	--		--	Pump in Well
4"	03/05/03	3.10	138.42	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	06/12/03	9.96	131.56	20	17	9	65	440	6.9	<0.50	--	Pump in Well
	09/16/03	11.10	130.42	<0.50	<0.50	<0.50	1.7	<50	0.65	--	<5.0m	
	12/16/03	4.80	136.72	<0.50	<0.50	<0.50	<0.50	<50	0.58	--	--	
	03/15/04	4.90	136.62	<0.50	<0.50	<0.50	<0.50	<50	0.75	--	--	
	06/16/04	7.40	134.12	<0.50	<0.50	<0.50	0.82	<50	<0.50	--	--	
	09/13/04	10.60	130.92	8.6	2.8	3.7	26	200	1.5	--	--	ND
	12/13/04	9.60	131.92	58	25	21	280	1,600	6.2	--	--	ND
	03/01/05	3.20	138.32	<0.50	<0.50	<0.50	<0.50	<50	0.84	--	--	ND
	06/08/05	4.10	137.42	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	ND
	09/08/05	11.91	129.61	690	270	400	2,000	18,000	23	--	--	ND
	12/15/05	5.45	136.07	5.2	1.7	4.8	24	190	<0.50	--	--	ND
	03/07/06	2.50	139.02	<0.50	<0.50	<0.50	<0.50	<50	0.67	--	--	ND
	06/07/06	5.35	136.17	3.4	0.92	4.6	23	240	<0.50	--	--	ND
	09/28/06	12.09	129.43	260	7.1	20	87	2,000	16	<0.50	4.8[c], 1.2[b], 13[d], 2.5[e]	
	12/15/06	6.04	135.48	300	220	490	2,200	12,000	12	<5.0	6.9[d]	
	12/28/06	NM	NC	220	180	390	1,700	10,000	6.1	NA	NA	
	03/22/07	6.25	135.27	430	200	370	1,500	7,200	11	<2.0	12[m]	
	06/04/07	8.19	133.33	140	24	84	260	2,100	3.7	<0.50	0.78[b], 0.99[c]	
	09/07/07	12.39	129.13	130	4.4	9.1	51	1,300	16	<0.50	1.1[d]	
	12/11/07	11.05	130.47	340	56	91	370	4,500	10	<0.50	1.2[b], 1.6[c], 2.5[d]	TBA: 13
	02/13/08	4.85	136.67	140	47	360	1,000	8,100	2.7	<2.0	ND	
	05/27/08	10.84	130.68	350	86	390	620	7,300	7.5	<0.50	NA	TBA: 12
	09/10/08	12.44	129.08	28	0.82	10	4.5	240	2.1	NA	ND	
	11/04/08	9.37	132.15	140	38	110	330	3,100	10	NA	NA	TBA:12
	02/16/09	9.43	132.09	10	1.3	12	16	210	<0.50	NA	NA	
	05/05/09	6.64	134.88	2.8	<0.50	2.1	2.0	120	<0.50	NA	NA	
	08/10/09	12.09	129.43	17	2.2	11	25	260	0.54	NA	NA	
	11/23/09	11.66	129.86	15	1.6	14	17	240	<0.50	NA	NA	
	02/09/10	5.61	135.91	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	05/05/10	7.88	133.64	1.8	<0.50	1.2	1.2	160	<0.50	<0.50	NA	
	08/16/10	11.19	130.33	19	0.87	13	21	300	<0.50	NA	NA	
	11/15/10	9.57	131.95	12	1.1	14	17	230	<0.50	NA	NA	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-1	02/01/11	5.77	135.75	10	0.68	9.8	13	220	<0.50	NA	NA	
(continued)	05/03/11	6.03	135.49	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
141.52	08/10/11	10.49	131.03	92	3.6	70	86	1,500	0.72	NA	NA	TPHd:<100
	11/15/11	10.49	131.03	15	1.6	5.7	8.6	190	1.9	NA	NA	DIPE: 0.65, TBA: 5.1, TPHd: 150
(5'-25')	02/21/12	8.03	133.49	0.91	<0.50	<0.50	0.64	<50	<0.5	NA	NA	TPHd:<50
4"												
142.25	05/15/12	7.18	135.07	38	4.0	61	92	1,200	1.1	NA	NA	TPHd:<400
	08/28/12	12.02	130.23	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	NA	TPHd:<50

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-2	12/19/00	9.57	130.14	110	11	470	110	7,400	<5.0		12[a], 12[b], 20[c]	
139.71	03/22/01	6.05	133.66	6.8	0.9	51	9.2	1,300	11		ND	
(5'-25')	09/11/01	12.55	127.16	--	--	--	--	--	--		--	
4"	10/16/01	13.51	126.20	--	--	--	--	--	--		--	
	11/13/01	9.90	129.81	600	540	820	560	17,000	5.0		2.2[c]	
142.27	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	4.33	137.94	--	--	--	--	--	--		--	
	01/15/02	3.36	138.91	--	--	--	--	--	--		--	
	02/12/02	5.68	136.59	8.6	12	21	19	750	<0.50		ND	
	03/12/02	5.47	136.80	--	--	--	--	--	--		--	
	04/16/02	6.33	135.94	--	--	--	--	--	--		--	
	05/14/02	7.35	134.92	63	39	310	230	7,600	<0.50		ND	
	06/11/02	8.79	133.48	--	--	--	--	--	--		--	
	07/16/02	9.44	132.83	--	--	--	--	--	--		--	
	08/13/02	12.05	130.22	87	15	37	18	4,100	0.62		--	
	12/02/02	11.60	130.67	36	9.3	140	83	1,400	<1.0	<1.0	--	
	03/05/03	5.66	136.61	6.9	2.9	68	25	1,800	<0.50	<0.50	--	
	06/12/03	6.52	135.75	10	6.2	270	68	5,700	<0.50	<0.50	--	
	09/16/03	10.41	131.86	6.3	2.6	51	26	2,700	<0.50	--	<5.0m	
	12/16/03	7.63	134.64	10	4.5	100	64	3,500	<1.0	--	--	
	03/15/04	5.69	136.58	2.7	0.98	22	7.0	1,500	<.50	--	--	
	06/16/04	8.02	134.25	5.6	3.7	72	51	5,300	<0.50	--	--	
	09/13/04	11.61	130.66	17	3.6	21	20	4,300	<0.50	--	--	ND
	12/13/04	7.75	134.52	4.5	1.5	4.9	14	1,600	<0.50	--	--	ND
	03/01/05	5.39	136.88	0.68	<0.50	<0.50	<0.50	130	<0.50	--	--	ND
	06/08/05	6.11	136.16	0.82	<0.50	3.6	1.5	420	<0.50	--	--	ND
	09/08/05	9.10	133.17	4.0	1.7	33	15	3,400	<0.50	--	--	ND
	12/15/05	7.55	134.72	3.7	1.5	28	18	3,400	<0.50	--	--	ND
	03/07/06	4.65	137.62	<0.50	<0.50	<0.50	<0.50	50	<0.50	--	--	ND
	06/07/06	6.40	135.87	0.8	<0.50	2.7	1.3	500	<0.50	--	--	ND
	09/28/06	10.30	131.97	2.9	1.2	15	9.2	3,300	<0.5	<0.5	2.4[c]	
	12/15/06	7.68	134.59	0.71	<0.5	5.8	1.9	840	<0.5	<0.5	2.9[b] 1.8[c],	
	12/28/06	NM	NC	<0.50	<0.50	1.7	1.4	260	<0.50	NA	NA	
	03/22/07	6.29	135.98	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.5	ND	
	06/04/07	7.74	134.53	0.52	<0.50	3.7	1.5	640	<0.50	<0.5	ND	
	09/07/07	10.97	131.30	4.3	1.2	9.3	5.8	3,000	<0.50	<0.5	1.2[c]	
	12/11/07	8.65	133.62	1.7	1.2	10	3.1	1,900	<0.50	<0.5	9.2[b], 2.2[c]	
	02/13/08	5.44	136.83	<0.5	<0.5	<0.5	<0.5	<50	<0.50	<0.5	ND	
	05/27/08	8.09	134.18	0.58	<0.50	6.0	1.7	940	<0.50	<0.5	NA	
	09/10/08	11.67	130.60	2.0	0.71	2.8	1.2	1,200	<0.50	NA	ND	
	11/04/08	10.48	131.79	1.0	<0.5	1.4	0.71	540	<0.50	NA	NA	
	02/16/09	6.87	135.40	<0.50	<0.50	<0.50	<0.50	140	<0.50	NA	NA	
	05/05/09	6.10	136.17	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	61[m], 5.1[o]
	08/10/09	10.13	132.14	<0.50	<0.50	5.9	0.92	1,100	<0.50	NA	NA	
	11/23/09	10.65	131.62	1.1	<0.50	0.70	<0.50	510	<0.50	NA	NA	
	02/09/10	4.29	137.98	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	05/05/10	6.03	136.24	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.5	NA	
	08/16/10	8.82	133.45	<0.50	<0.50	1.7	<0.50	440	<0.50	NA	NA	
	11/15/10	7.62	134.65	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.5	NA	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-2	02/01/11	6.13	136.14	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
(continued)	05/03/11	6.03	136.24	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 160
142.27	08/10/11	8.49	133.78	<0.50	<0.50	1.4	<0.50	780	<0.50	NA	NA	TPHd: <300
(5'-25')	11/15/11	10.33	131.94	<0.50	<0.50	<0.50	<0.50	310	<0.50	NA	NA	TPHd: <300
4"	02/21/12	7.47	134.80	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 150
142.39	05/15/12	6.88	135.51	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 130
	08/28/12	10.91	131.48	<0.5	<0.5	<0.5	<0.5	82	<0.5	NA	NA	TPHd: <50

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-3	12/19/00	9.67	130.54	220	31	420	50	12,000	<5.0		ND	
											1.1[c], 1.8[g], 1.2[h],	
140.21	03/22/01	6.30	133.91	120	19	830	220	10,000	53		2.9[i]	
(7'-22')	06/26/01	9.68	130.53	140	20	530	69	11,000	<2.5		0.6[c]	
4"	09/11/01	12.25	127.96	--	--	--	--	--	--		--	
	10/16/01	13.14	127.07	--	--	--	--	--	--		--	
	11/13/01	9.11	131.10	1,100	490	1,500	2,100	25,000	13		--	
142.82	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	4.01	138.81	--	--	--	--	--	--		--	
	01/15/02	3.13	139.69	--	--	--	--	--	--		--	
	02/12/02	5.66	137.16	330	110	1,400	1,200	43,000	<5.0		ND	
	03/12/02	5.91	136.91	--	--	--	--	--	--		--	
	04/16/02	6.42	136.40	--	--	--	--	--	--		--	
	05/14/02	7.74	135.08	240	70	1,300	640	15,000	<5.0		ND	
	06/11/02	8.29	134.53	--	--	--	--	--	--		--	
	07/16/02	10.21	132.61	--	--	--	--	--	--		--	
	08/13/02	11.62	131.20	150	25	610	170	8,400	2.6		--	
	12/02/02	11.50	131.32	66	12	250	120	11,000	<2.5	<2.5	--	
	03/05/03	5.60	137.22	91	26	380	430	12,000	<2.5	<2.5	--	
	06/12/03	6.78	136.04	95	26	570	530	15,000	<2.5	<2.5	--	
	09/16/03	10.24	132.58	94	8.3	98	86	8,300	<2.0		20[m]	
	12/16/03	7.63	135.19	140	36	490	580	18,000	<2.5	--	--	
	03/15/04	5.41	137.41	100	44	660	770	17,000	<5.0	--	--	
	06/16/04	8.20	134.62	80	18	240	310	12,000	<2.5	--	--	
	09/13/04	11.16	131.66	99	15	30	54	6,400	<1.5	--	--	ND
	12/13/04	--	--	--	--	--	--	--	--	--	--	Well Inaccessable
	03/01/05	5.27	137.55	100	30	250	370	15,000	<1.5	--	--	ND
	06/08/05	5.83	136.99	79	26	220	310	14,000	<2.0	--	--	ND
	09/08/05	9.20	133.62	77	17	110	150	9,600	<1.5	--	--	ND
	12/15/05	7.65	135.17	86	16	97	140	14,000	<1.5	--	--	ND
	03/07/06	4.97	137.85	76	18	150	160	16,000	<2.5	--	--	ND (<2.5,<15)
	06/07/06	6.35	136.47	63	17	100	130	11,000	<1.5	--	--	ND (<1.5,<7)
	09/28/06	10.11	132.71	60	12	74	56	8,900	<1.5	<1.5	ND	
	12/15/06	7.31	135.51	75	18	98	78	8,800	<1.0	<1.0	ND	
	12/28/06	NM	NC	71	21	200	360	8,800	<1.0	NA	NA	
	03/22/07	6.15	136.67	71	13	47	38	5,600	<1.0	<1.0	ND	
	06/04/07	7.62	135.20	79	18	140	83	8,600	<1.0	<1.0	ND	
	09/07/07	10.42	132.40	61	9.9	67	25	6,000	<1.0	<1.0	ND	
	12/11/07	8.70	134.12	71	14	140	59	9,900	<1.0	<1.0	ND	
	02/13/08	5.18	137.64	71	14	120	51	9,400	<1.0	<1.0	ND	
	05/27/08	8.26	134.56	62	11	120	36	8,300	<1.0	<1.0	NA	
	09/10/08	11.16	131.66	72	11	80	23	7,400	<1.0	NA	ND	
	11/04/08	9.86	132.96	81	12	96	23	8,400	<1.5	NA	NA	
	02/16/09	6.71	136.11	38	6.8	30	15	5,300	<0.90	NA	NA	
	05/05/09	6.03	136.79	48	7.3	46	9.8	5,900	<0.90	NA	NA	
	08/10/09	9.88	132.94	43	6.5	48	8.7	8,500	<0.90	NA	NA	
	11/23/09	10.03	132.79	72	9.1	86	18	7,000	<1.5	NA	NA	
	02/09/10	5.31	137.51	41	6.5	56	12	7,400	<1.5	NA	NA	
	05/05/10	5.94	136.88	27	5.7	45	9.2	5,500	<0.9	<0.9	NA	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-3	08/16/10	8.91	133.91	22	4.7	38	7.1	7,200	<0.9	NA	NA	
(continued)	11/15/10	7.69	135.13	29	5.4	40	8.7	5,500	<0.9	NA	NA	
142.82	02/01/11	5.59	137.23	25	5.6	71	14	8,100	<0.9	NA	NA	
(7'-22')	05/03/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	08/10/11	8.64	134.18	8.8	3.5	55	9.2	7,500	<0.9	<0.9	41[p], 110[q], 12[r], 23[s], 210[t]	TPHd: <2,000
4"	11/15/11	10.09	132.73	7.2	2.6	27	5.9	5,200	<0.90	<0.90	35[p], 100[q], 11[r], 21[s], 140[j], 0.91[w]	TPHd: <3,000
	02/21/12	8.01	134.81	10	2.8	26	9.6	5,400	<0.90	<0.90	NA	TPHd: <1,500
142.92	05/15/12	6.31	136.61	13	3.7	53	12	8,000	<0.90	NA	NA	TPH:<4,000
	08/28/12	10.81	132.11	19	4.9	59	15	9,200	<2.0	NA	NA	TPH:<4,000
MW-3B	02/22/12	8.72	NC	<0.5	<0.5	<0.5	<0.5	<50	1.6	NA	NA	TPHd: 62
142.88	05/15/12	7.51	135.37	<0.5	<0.5	<0.5	<0.5	<50	1.9	NA	NA	TPHd: <50
	08/28/12	11.96	130.92	<0.5	<0.5	<0.5	<0.5	55	1.3	NA	NA	TPHd: 150

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-4	12/19/00	10.37	129.65	<0.5	<5.0	<5.0	<5.0	<50	4.5		0.6[d]	
140.02	03/22/01	6.15	133.87	<0.5	<5.0	<5.0	<5.0	<50	<0.5		1.6[h], 5.8[i]	
	06/26/01	--	--	--	--	--	--	--	--		--	construction
	09/11/01	--	--	--	--	--	--	--	--		--	Well destroyed
MW-4A	11/13/01	10.51	129.51	<0.5	<5.0	<5.0	<5.0	<50	1.4		0.54[d], 0.53[e]	
143.39	12/07/01	--	--	--	--	--	--	--	--		--	
(5'-20')	12/11/01	5.20	138.19	--	--	--	--	--	--		--	
2"	01/15/02	4.63	138.76	--	--	--	--	--	--		--	
	02/12/02	6.02	137.37	<0.50	<0.50	<0.50	<0.50	<50	1.2		ND	
	03/12/02	5.88	137.51	--	--	--	--	--	--		--	
	04/16/02	7.00	136.39	--	--	--	--	--	--		--	
	05/14/02	8.72	134.67	<0.50	<0.50	<0.50	<0.50	<50	1.1		ND	
	06/11/02	10.05	133.34	--	--	--	--	--	--		--	
	07/16/02	11.63	131.76	--	--	--	--	--	--		--	
	08/13/02	12.82	130.57	<0.50	<0.50	<0.50	<0.50	<50	1.0	<5.0	--	
	12/02/02	12.62	130.77	<0.50	<0.50	<0.50	<0.50	<50	1.2	<0.50	--	
	03/05/03	6.16	137.23	<0.50	<0.50	<0.50	<0.50	<50	0.89	<0.50	--	
	06/12/03	7.38	136.01	<0.50	<0.50	<0.50	<0.50	<50	0.86	<0.50	--	
	09/16/03	11.39	132.00	<0.50	<0.50	<0.50	<0.50	<50	0.96	--	--	
	12/16/03	8.72	134.67	<0.50	<0.50	<0.50	<0.50	<50	0.9	--	--	
	03/15/04	5.80	137.59	<0.50	<0.50	<0.50	<0.50	<50	0.62	--	--	
	06/16/04	9.30	134.09	<0.50	<0.50	<0.50	<0.50	<50	0.83	--	--	
	09/13/04	12.36	131.03	<0.50	<0.50	<0.50	<0.50	<50	0.93	--	--	ND
	12/13/04	9.09	134.30	<0.50	<0.50	<0.50	<0.50	<50	0.54	--	--	ND
	03/01/05	5.97	137.42	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	ND
	06/08/05	6.40	136.99	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	ND
	09/08/05	10.45	132.94	<0.50	<0.50	<0.50	<0.50	<50	0.77	--	--	ND
	12/15/05	8.55	134.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	ND
	03/07/06	5.45	137.94	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	ND
	06/07/06	6.89	136.50	<0.50	<0.50	<0.50	<0.50	<50	0.59	--	--	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.46	134.93	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND	
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.39	134.00	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	NA	
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/05/09	6.78	136.61	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-4A	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
(continued)	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
143.39	05/05/10	6.34	137.05	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	NA	
(5'-20')	08/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
2"	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/03/11	6.18	137.21	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	NA	
	08/10/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/21/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/15/12	6.74	136.65	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	NA	TPHd:<50
	08/28/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-5	12/19/00	10.91	128.87	440	94	1,400	1,300	25,000	<5.0		49[a], 49[b], 25[c], 25[d], 25[e], 16[f]	
139.78												Abandoned
MW-5A	03/22/01	6.31	133.47	130	31	680	470	9,800	57		16[b], 2.3[d], 15[e], 0.6[j], 0.5[k]	
139.78	06/26/01	--	--	--	--	--	--	--	--		--	construction
(5'-20')	09/11/01	AB	--	--	--	--	--	--	--		--	
2"	10/16/01	14.47	125.31	--	--	--	--	--	--		--	
	11/13/01	11.15	128.63	<0.5	<5.0	<5.0	<5.0	<50	0.94		--	
142.91	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	5.09	137.82	--	--	--	--	--	--		--	
	01/15/02	4.09	138.82	--	--	--	--	--	--		--	
	02/12/02	5.85	137.06	<0.50	<0.50	<0.50	<0.50	<50	0.67		ND	
	03/12/02	5.78	137.13	--	--	--	--	--	--		--	
	04/16/02	6.81	136.10	--	--	--	--	--	--		--	
	05/14/02	8.89	134.02	<0.50	<0.50	<0.50	<0.50	<50	0.69		ND	
	06/11/02	10.29	132.62	--	--	--	--	--	--		--	
	07/16/02	12.09	130.82	--	--	--	--	--	--		--	
	08/13/02	13.40	129.51	<0.50	<0.50	<0.50	<0.50	<50	0.96	--	--	
	12/02/02	12.90	130.01	<0.50	<0.50	<0.50	<0.50	<50	0.93	<0.50	--	
	03/05/03	7.92	134.99	<0.50	<0.50	<0.50	<0.50	<50	1.00	<0.50	--	
	06/12/03	7.23	135.68	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	09/16/03	11.56	131.35	<0.50	<0.50	<0.50	<0.50	<50	1.3	--	5.0m	
	12/16/03	8.82	134.09	<0.50	<0.50	<0.50	<0.50	<50	<0.50	--	--	
	03/15/04	5.56	137.35	<0.50	<0.50	<0.50	<0.50	<50	0.88	--	--	
	06/16/04	9.35	133.56	<0.50	<0.50	<0.50	<0.50	<50	1.3	--	--	
	09/13/04	12.70	130.21	<0.50	<0.50	<0.50	<0.50	<50	1.8	--	--	ND
	12/13/04	9.21	133.70	<0.50	<0.50	<0.50	<0.50	<50	1.4	--	--	ND
	03/01/05	5.59	137.32	<0.50	<0.50	<0.50	<0.50	<50	1.6	--	--	ND
	06/08/05	6.15	136.76	<0.50	<0.50	<0.50	<0.50	<50	1.5	--	--	ND
	09/08/05	10.61	132.30	<0.50	<0.50	<0.50	<0.50	<50	1.5	--	--	ND
	12/15/05	8.76	134.15	<0.50	<0.50	<0.50	<0.50	<50	1.6	--	--	ND
	03/07/06	4.93	137.98	<0.50	<0.50	<0.50	<0.50	<50	1.4	--	--	ND
	06/07/06	6.72	136.19	<0.50	<0.50	<0.50	<0.50	<50	1.4	--	--	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	8.46	134.45	<0.50	<0.50	<0.50	<0.50	<50	1.0	<0.50	ND	
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	9.34	133.57	<0.50	<0.50	<0.50	5.2	<50	0.64	<0.50	NA	
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/05/09	6.89	136.02	15	120	20	300	1,800	30	NA	NA	TAME:21
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-5A	05/05/10	5.81	137.10	<0.50	<0.50	<0.50	<0.50	<50	0.61	<0.50	NS	
142.91	08/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
(5'-20')	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
2"	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/03/11	6.01	136.90	<0.50	<0.50	<0.50	<0.50	<50	0.63	<0.50	NS	
	08/10/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/21/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/15/12	6.71	136.20	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	08/28/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-6	12/19/00	--	--	--	--	--	--	--	--		--	
141.02	03/22/01	--	--	--	--	--	--	--	--		--	
(8'-23')	06/26/01	--	--	--	--	--	--	--	--		--	
4"	02/14/02	--	--	--	--	--	--	--	--		--	
	12/02/02	13.85	127.17	240	84	52	550	2,800	8.1	<2.0	--	Pump in Well/Pumping
	03/05/03	5.30	135.72	480	36	50	370	5,100	11	<2.0	--	
	06/12/03	7.25	133.77	1200	94	560	1600	16,000	<20	<5.0	--	Pump in Well/Pumping
	09/16/03	11.35	129.67	13	1.6	2.2	28	330	16	--	--	ND
	12/16/03	7.60	133.42	14	0.78	2.4	25	440	8.3	--	--	TBA: 21
	03/15/04	4.90	136.12	5.0	<0.50	<.50	3.2	20	67	--	--	
	06/16/04	8.98	132.04	530	9.2	38	400	7,300	15	--	--	TBA:21
	09/13/04	12.98	128.04	<0.50	<0.50	<0.50	<0.50	390	15	--	--	DIPE : 0.59
	12/13/04	8.50	132.52	320	18	65	700	5,100	11	--	--	DIPE: 1.4, TBA: 13
	03/01/05	4.20	136.82	18	<0.50	1.6	7.4	250	22	--	--	DIPE: 1.3, TBA: 7.6
	06/08/05	5.71	135.31	410	12	75	100	2,500	10	--	--	DIPE: 1.3, TBA: 7.6
	09/08/05	10.08	130.94	1200	27	500	1100	16,000	8.6	--	--	DIPE: 2.4, TBA: 36
	12/15/05	8.10	132.92	22	0.52	6.9	12	470	3.4	--	--	DIPE: 1.4, TBA: 7.9
	03/07/06	3.09	137.93	<0.50	<0.50	<0.50	<0.50	<50	1	--	--	ND
	06/07/06	6.65	134.37	630	15	220	170	3,900	5.7	--	--	DIPE: 4.6, TBA: 19
	09/28/06	9.62	131.40	NS	NS	NS	NS	NS	NS	NS	NS	Not Enough Water
	12/15/06	3.04	137.98	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND	
	03/22/07	5.38	135.64	24	6.1	1.0	1.2	120	<0.50	<0.50		DIPE: 0.54
	06/04/07	6.85	134.17	99	4.9	10	5.8	560	<0.50	<0.50	0.73[c]	DIPE: 2.0
	09/07/07	9.88	131.14	210	3.2	3.9	4.0	570	1.3	<0.50	1.6[c]	DIPE: 4.0, TBA: 5.4
	12/11/07	7.68	133.34	24	2.4	<0.50	2.4	160	<0.5	<0.50	ND	
	02/13/08	4.29	136.73	15	0.85	1.2	1.8	98	<0.5	<0.50	ND	
	05/27/08	6.96	134.06	49	19	1.5	3.5	180	<0.50	<0.50	NA	DIPE: 1.2
	09/10/08	8.79	132.23	610	6.9	47	67	2,400	2.3	NA	10[m]	DIPE:9.3
	11/04/08	6.15	134.87	33	1.3	22	38	960	<0.50	NA	NA	
	02/16/09	10.30	130.72	<0.50	<0.50	0.63	1.4	150	<0.50	NA	ND	
	05/05/09	2.21	138.81	8.3	3.4	0.79	2.8	190	<0.50	NA	NA	
	08/10/09	9.29	131.73	200	4.2	12	20.0	590	0.85	NA	NA	DIPE:3.8
	11/23/09	7.98	133.04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	02/09/10	3.63	137.39	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	05/05/10	4.89	136.13	<0.50	0.76	<0.50	<0.50	<50	<0.50	<0.50	NA	
	08/16/10	8.63	132.39	110	22	0.62	1.3	350	0.54	NA	NA	
	11/15/10	7.86	133.16	0.73	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-6	02/01/11	5.28	135.74	5.5	22	<0.50	<0.50	88	<0.50	NA	NA	
(continued)	05/03/11	5.92	135.10	1.5	0.59	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 520
	08/10/11	6.98	134.04	110	10	0.56	0.83	270	0.85	NA	NA	DIPE: 5.2, TBA: 5.5, TPHd: 24,000
141.02												
	11/15/11	8.93	132.09	82	5.3	3.0	2.8	280	<0.50	NA	NA	DIPE:1.9, TPHd: 27,000
(8'-23')												
4"	02/22/12	6.43	134.59	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd: 340
	05/15/12	5.41	135.61	46	1.1	1.2	0.74	330	<0.50	NA	NA	DIPE:1.4, TPHd:2,200
	08/28/12	9.18	131.84	110	1.7	6.9	2.3	790	<0.50	NA	NA	DIPE:2.8, TPHd:290

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-7	12/19/00	10.51	128.25	1,100	96	1,000	580	38,000	<50		5.4[a], 5.4[b], 0.7[c]	sheen
138.76	03/22/01	5.88	132.88	1,300	62	1,000	460	18,000	65		2.6[b], 0.8[c]	
(4'-20')	06/26/01	9.96	128.80	820	71	770	260	17,000	<2.5		3.0[b], 0.8[c]	
2"	09/11/01	12.53	126.23	--	--	--	--	--	--		--	
	10/16/01	14.66	124.10	--	--	--	--	--	--		--	
	11/13/01	11.51	127.25	1,100	400	1,200	1700	29,000	<5.0		--	
141.36	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	4.40	136.96	--	--	--	--	--	--		--	
	01/15/02	3.85	137.51	--	--	--	--	--	--		--	
	02/12/02	5.47	135.89	1,300	300	2,100	2,200	33,000	<10		ND	
	03/12/02	5.28	136.08	--	--	--	--	--	--		--	
	04/16/02	6.61	134.75	--	--	--	--	--	--		--	
	05/14/02	8.41	132.95	1,200	220	2,000	1,800	34,000	<10		ND	
	06/11/02	9.65	131.71	--	--	--	--	--	--		--	
	07/16/02	11.43	129.93	--	--	--	--	--	--		--	
	08/13/02	13.89	127.47	830	110	730	460	19,000	<5.0		--	
	12/02/02	11.74	129.62	1,300	150	2,000	840	33,000	<10	<10	--	slight sheen
	03/05/03	5.42	135.94	1,000	85	970	190	21,000	<5.0	<5.0	--	
	06/12/03	6.53	134.83	1,400	130	3,100	450	28,000	<10	<10	--	sheen
	09/16/03	10.54	130.82	850	63	1,000	140	20,000	<5.0	<5.0	50[m]	
	12/16/03	7.73	133.63	840	66	940	140	24,000	<5.0	<5.0	--	
	03/15/04	5.15	136.21	810	65	900	120	19,000	<5.0	<5.0	--	
	06/16/04	8.42	132.94	540	53	850	93	19,000	<5.0	<5.0	--	
	09/13/04	12.02	129.34	500	42	420	62	17,000	<4.0	<4.0	--	
	12/13/04	7.95	133.41	490	41	620	91	18,000	<5.0	<5.0	--	
	03/01/05	4.88	136.48	470	37	720	48	18,000	<4.0	<4.0	--	
	06/08/05	5.54	135.82	350	34	740	46	16,000	<4.0	<4.0	--	
	09/08/05	9.46	131.90	360	29	390	44	18,000	<4.0	<4.0	--	
	12/15/05	7.68	133.68	340	27	270	46	15,000	<2.0	<2.0	--	
	03/07/06	4.45	136.91	350	33	470	45	14,000	<2.0	<2.0	--	
	06/07/06	6.21	135.15	240	23	360	37	13,000	<2.0	<2.0	--	
	09/28/06	10.74	130.62	410	32	320	49	14,000	<2.0	<2.0		
	12/15/06	7.82	133.54	260	24	210	45	10,000	<1.5	<1.5	ND	
	12/28/06	NM	NC	230	20	180	41	10,000	<1.5	NA	NA	
	03/22/07	6.00	135.36	260	20	120	31	8,600	<1.5	<1.5	ND	
	06/04/07	7.61	133.75	240	23	210	38	12,000	<1.5	<1.5	ND	
	09/07/07	11.27	130.09	320	22	180	26	10,000	<1.5	<1.5	ND	
	12/11/07	9.17	132.19	180	21	270	38	12,000	<1.5	<1.5	ND	
	02/13/08	4.91	136.45	240	22	250	30	10,000	<1.5	<1.5	ND	
	05/27/08	8.35	133.01	210	21	190	29	10,000	<1.5	<1.5	NA	
	09/10/08	11.58	129.78	130	15	110	26	11,000	<1.5	NA	ND	
	11/04/08	10.03	131.33	190	19	130	31	10,000	<1.5	NA	NA	
	02/16/09	7.31	134.05	130	12	91	23	6,800	<1.5	NA	10[m]	
	05/05/09	6.12	135.24	150	13	86	23	7,600	<1.5	NA	NA	ND
	08/10/09	10.43	130.93	130	13	84	25	9,400	<1.5	NA	NA	ND
	11/23/09	10.72	130.64	140	14	56	22	8,300	<1.5	NA	16[m]	
	02/09/10	4.89	136.47	130	12	64	18	8,200	<1.5	NA	NA	ND
	05/05/10	5.58	135.78	92	12	100	19	8,600	<1.5	<1.5	NA	ND

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-7	08/16/10	9.33	132.03	84	8.5	39	14	9,600	<1.5	NA	NA	
(Continued)	11/15/10	8.46	132.90	120	11	43	17	9,300	<1.5	NA	NA	
141.36	02/01/11	5.65	135.71	98	13	87	18	9,800	<1.5	NA	NA	
(4'-20')	05/03/11	5.68	135.68	52	8	63	12	7,800	<1.5	NA	NA	
2"	08/10/11	8.75	132.61	120	12	73	17	8,900	<1.5	NA	NA	TPHd: <3,000
	11/15/11	10.62	130.74	200	14	78	32	7,100	<1.5	NA	NA	TPHd: <4,000
	02/22/12	7.36	134.00	190	16	74	55	7,800	<1.5	NA	NA	TPHd: <2,000
	05/15/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	08/28/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-8A	12/19/00	Dry	--	--	--	--	--	--	--		--	
137.99	03/22/01	5.38	132.61	<0.5	<0.5	<0.5	<0.5	<50	<0.5		ND	
(3'-8')	06/26/01	Dry	--	--	--	--	--	--	--		--	
2"	09/11/01	DRY	--	--	--	--	--	--	--		--	
	10/16/01	--	--	--	--	--	--	--	--		--	
	11/13/01	DRY	--	--	--	--	--	--	--		--	
140.56	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	3.69	136.87	--	--	--	--	--	--		--	
	01/15/02	3.49	137.07	--	--	--	--	--	--		--	
	03/12/02	--	--	--	--	--	--	--	--		--	No Access
	04/16/02	--	--	--	--	--	--	--	--		--	No Access
	05/14/02	--	--	--	--	--	--	--	--		--	No Access
	06/11/02	--	--	--	--	--	--	--	--		--	No Access
	07/16/02	11.17	129.39	--	--	--	--	--	--		--	
	08/13/02	--	--	--	--	--	--	--	--		--	No Access
	12/02/02	7.98	132.58	--	--	--	--	--	--		--	Well Dry
	03/05/03	4.95	135.61	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	06/12/03	5.79	134.77	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	09/16/03	--	--	--	--	--	--	--	--	--	--	
	12/16/03	7.15	133.41	--	--	--	--	--	--	--	--	
	03/15/04	4.86	135.70	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	
	06/16/04	--	--	--	--	--	--	--	--	--	--	Car Over Well
	09/13/04	--	--	--	--	--	--	--	--	--	--	Well Dry
	12/13/04	7.05	133.51	--	--	--	--	--	--	--	--	Well Dry
	03/01/05	4.60	135.96	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	06/08/05	5.30	135.26	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	09/08/05	dry	--	--	--	--	--	--	--	--	--	--
	12/15/05	6.76	133.80	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	03/07/06	7.80	132.76	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	06/07/06	5.62	134.94	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	6.72	133.84	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND	
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Car Over Well
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/05/09	5.23	135.33	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/05/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	08/16/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-8A	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
(Continued)	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
140.56	05/03/11	5.12	135.44	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
(3'-8')	08/10/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
2"	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/22/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
140.36	05/15/12	5.82	134.54	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd:<50
	08/28/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-8B	12/19/00	9.46	128.43	<0.5	<0.5	<0.5	<0.5	<50	<0.5		ND	
											0.6[c], 0.5[g], 2.0[h],	
137.89	03/22/01	5.60	132.29	<0.5	<0.5	<0.5	<0.5	<50	<0.5		0.7[l]	
(12'-22')	06/26/01	9.52	128.37	<0.5	<0.5	<0.5	<0.5	320	<0.5		ND	
2"	09/11/01	12.14	125.75	--	--	--	--	--	--		--	
	10/16/01	--	--	--	--	--	--	--	--		--	
140.46	11/13/01	10.75	127.14	<0.5	<0.5	<0.5	<0.5	<50	<0.5		--	
	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	3.77	136.69	--	--	--	--	--	--		--	
	01/15/02	3.96	136.50	--	--	--	--	--	--		--	
	03/12/02	--	--	--	--	--	--	--	--		--	No Access
	04/16/02	--	--	--	--	--	--	--	--		--	No Access
	05/14/02	--	--	--	--	--	--	--	--		--	No Access
	06/11/02	--	--	--	--	--	--	--	--		--	No Access
	07/16/02	DRY	--	--	--	--	--	--	--		--	DRY
	08/13/02	--	--	--	--	--	--	--	--		--	No Access
	12/02/02	10.91	129.55	<0.50	<0.50	<0.50	<0.50	100	<0.50	<0.50	--	
	03/05/03	5.11	135.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	06/12/03	6.42	134.04	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	09/16/03	--	--	--	--	--	--	--	--	--	--	
	12/16/03	7.21	133.25	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	03/15/04	4.95	135.51	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	
	06/16/04	--	--	--	--	--	--	--	--	--	--	Car Over Well
	09/13/04	10.90	129.56	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	12/13/04	7.22	133.24	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	03/01/05	4.38	136.08	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	06/08/05	5.51	134.95	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	09/08/05	8.66	131.80	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	12/15/05	7.05	133.41	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	03/07/06	21.60	118.86	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	06/07/06	5.99	134.47	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	--	ND
	09/28/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/15/06	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	03/22/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	06/04/07	7.08	133.38	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	ND	
	09/07/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Car Over Well
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/05/09	5.33	135.13	<0.05	<0.05	<0.05	<0.05	<50	<0.05	NA	NA	
	08/10/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/23/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/09/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/05/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	08/16/10	8.52	131.94	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-8B	11/15/10	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
(continued)	02/01/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
140.46	05/03/11	5.48	134.98	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd:100
(12'-22')	08/10/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
2"	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/22/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/15/12	5.93	134.53	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	TPHd:<50
	08/28/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	

TABLE 3
GROUNDWATER MONITORING DATA (760)
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Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
DTSC-7	12/19/00	11.64	127.14	220	64	65	1,400	10,000	1,800		1.1[d]	
138.78	03/22/01	7.53	131.25	<50	980	160	13,000	120,000	940		0.7[d], 0.8[l]	Sheen
UK	06/26/01	10.71	128.07	7,900	4,900	800	13,000	110,000	2,100		0.9[c], 1.0[d], 1.0[h]	
	09/11/01	13.66	125.12	--	--	--	--	--	--		--	
	10/16/01	15.41	123.37	--	--	--	--	--	--		--	
	11/13/01	10.91	127.87	5,900	8,100	1800	12,000	81,000	700		--	
140.78	12/07/01	--	--	--	--	--	--	--	--		--	
	12/11/01	6.08	134.70	--	--	--	--	--	--		--	
	01/15/02	5.81	134.97	--	--	--	--	--	--		--	
	02/12/02	5.07	135.71	470	350	150	1,200	13,000	240		2.5[d], 13[l]	
	03/12/02	5.54	135.24	--	--	--	--	--	--		--	
	04/16/02	6.51	134.27	--	--	--	--	--	--		--	
	05/14/02	11.10	129.68	780	440	72	1,800	11,000	390		160[m]	
	06/11/02	12.58	128.20	--	--	--	--	--	--		--	
	07/16/02	13.33	127.45	--	--	--	--	--	--		--	
	08/13/02	15.41	125.37	150	10	16	120	2,000	230		90[m]	
	12/02/02	13.36	127.42	110	44	18	200	1,900	140	<0.50	35[m]	
	03/05/03	5.25	135.53	8.6	2.7	2	14	470	<0.50	<0.50	--	
	06/12/03	6.99	133.79	130	49	16	130	1,300	51	<0.50	--	
	09/16/03	11.15	129.63	17	15	6.3	74	470	72	<0.50	16[m]	
	12/16/03	7.40	133.38	180	120	27	230	1,800	120	<0.50	--	
	03/15/04	4.90	135.88	69	11	18	120	870	6.6	<.50	--	
	06/16/04	8.99	131.79	32	6.1	3.9	37	350	16	<0.50	--	
	09/13/04	12.50	128.28	9.1	27	0.87	18	170	12	<0.50	--	ND
	12/13/04	8.24	132.54	460	120	50	520	4,400	150	<0.50	--	TBA: 100
	03/01/05	4.19	136.59	45	3.2	12	69	550	21	<0.50	--	TBA: 8.2
	06/08/05	5.70	135.08	38	2.5	12	58	540	14	<0.50	--	TBA: 8.2
	09/08/05	10.05	130.73	120	16	8.4	180	1,100	110	<0.50	--	TBA: 44
	12/15/05	7.86	132.92	12	0.59	2.0	10	120	2.4	<0.50	--	ND
	03/07/06	21.05	119.73	93	51	41	210	1,300	16	<0.50	--	TBA: 5.5
	06/07/06	6.64	134.14	33	1.4	15	47	460	11	<0.50	--	ND
	09/28/06	11.28	129.50	12	<0.50	0.85	3.3	170	52	<0.50	ND	
	12/15/06	7.90	132.88	39	1.6	9.5	48	580	100	<0.50	0.58[d]	TBA: 24
	03/22/07	5.97	134.81	7.8	0.76	2.0	6.8	140	9.3	<0.50	ND	
	06/04/07	7.94	132.84	4.2	<0.50	1.3	3.7	77	12	<0.50	ND	
	09/07/07	11.53	129.25	17	<0.50	1.4	1.3	200	32	<0.50	ND	TBA: 8.9
	12/11/07	9.51	131.27	27	1.4	3.5	6.8	360	39	<0.50	ND	TBA: 15
	02/13/08	4.28	136.50	28	2.8	6.3	17	310	47	<0.50	6.3[m]	
	05/27/08	8.53	132.25	26	0.64	3.6	2.6	520	21	<0.50	15[m]	
	09/10/08	11.89	128.89	1.5	<0.50	0.88	6.2	270	22	NA	7.9[m]	
	11/04/08	9.89	130.89	190	8.6	30	60	1,100	86	NA	NA	TBA:39
	02/16/09	6.89	133.89	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	ND	
	05/05/09	6.71	134.07	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	08/10/09	10.64	130.14	5.6	<0.50	1.6	3.7	90	2.4	NA	NA	
	11/23/09	10.52	130.26	<0.50	<0.50	<0.50	0.56	<50	<0.50	NA	54[m]	
	02/09/10	4.02	136.76	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	05/05/10	5.48	135.30	<0.50	<0.50	<0.50	<0.50	<50	0.62	<0.50	NA	
	08/16/10	9.86	130.92	1.8	<0.50	0.95	1.6	79	0.58	NA	NA	
	11/15/10	7.92	132.86	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
DTSC-7	02/01/11	5.47	135.31	18	0.7	12	23	300	2.3	NA	NA	
(continued)	05/03/11	5.61	135.17	<0.50	<0.50	<0.50	<0.50	<50	1.9	NA	NA	TPHd: 68
140.78	08/10/11	8.88	131.90	2.6	<0.50	1.4	1.8	82	1.1	NA	NA	TPHd: 280
UK	11/15/11	10.79	129.99	3.5	<0.5	0.79	1.5	82	0.93	NA	NA	TPHd: 1,300
	02/22/12	7.46	133.32	<0.50	<0.50	<0.50	<0.50	<50	0.60	NA	NA	TPHd: 76
	05/15/12	6.21	134.57	15	0.50	7.3	8.4	170	2.6	NA	NA	TPHd: 260
	08/28/12	10.96	129.82	3.0	<0.50	<0.50	<0.50	<50	3.1	NA	NA	TPHd: 54

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GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-9	09/07/07	11.29	127.41	180	7.3	63	20	4,200	<0.90	<0.90	ND	
138.7	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.25	130.45	66	4.0	44	5.6	4,600	<0.90	<0.90	NA	
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/14/09	5.35	133.35	<0.50	<0.50	<0.50	<0.50	<50	<0.50	NA	NA	
	08/10/09	10.04	128.66	58	1.1	7.7	1.8	2,400	<0.50	NA	NA	TBA:6.1
	11/23/09	10.32	128.38	100	4.6	19	4.8	4,000	<0.50	NA	NA	TBA:5.8
	02/09/10	4.39	134.31	<0.50	<0.50	<0.50	<0.50	470	<0.50	NA	NA	
	05/05/10	5.31	133.39	<0.50	<0.50	1.6	<0.50	450	<0.50	<0.50	NA	
	08/16/10	9.09	129.61	27	0.88	2.4	0.53	1,800	<0.50	NA	NA	
	11/15/10	8.10	130.60	8.9	0.61	1.6	<0.50	2,000	<0.50	NA	NA	TBA:5.4
	02/01/11	5.48	133.22	<0.50	<0.50	0.87	<0.50	680	<0.50	NA	NA	
	05/03/11	5.68	133.02	0.88	<0.50	5.8	<0.50	2,300	<0.50	NA	NA	
	08/10/11	7.63	131.07	2.9	1.2	2.8	1.2	1,500	<0.50	NA	NA	TPHd: <500
	11/15/11	10.36	128.34	120	3.1	8.0	9.6	2,200	<0.50	NA	NA	TPHd: <800, TBA:6.4
141.18	02/22/12	7.50	131.20	3.0	<0.50	<0.50	<0.50	720	<0.50	NA	NA	TPHd:<300
	05/15/12	5.62	135.56	0.55	<0.50	2.3	<0.50	1,200	<0.50	NA	NA	TPHd:<500
	08/28/12	10.36	130.82	40	1.3	1.1	3.8	2,100	<0.50	NA	NA	TPHd:<500
MW-10	09/07/07	11.52	127.51	230	25	480	160	10,000	<2.0	<2.0	ND	
139.03	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.49	130.54	79	7.3	180	54	7,000	<0.90	<0.90	NA	TBA 6.8
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/14/09	6.30	132.73	1.0	<0.50	1.4	<0.50	280	<0.50	NA	NA	
	08/10/09	10.72	128.31	1.6	<0.50	0.94	<0.50	580	<0.50	NA	NA	
	11/23/09	11.33	127.70	3.0	<0.50	1.6	<0.50	840	<0.50	NA	NA	
	02/09/10	4.89	134.14	<0.50	<0.50	<0.50	<0.50	74	<0.50	NA	NA	
	05/05/10	5.39	133.64	2.6	<0.50	4.2	0.93	880	<0.50	<0.50	NA	
	08/16/10	9.79	129.24	<0.50	<0.50	<0.50	<0.50	430	<0.50	NA	NA	
	11/15/10	8.47	130.56	<0.50	<0.50	<0.50	<0.50	300	<0.50	NA	NA	
	02/01/11	5.58	133.45	1.9	<0.50	<0.50	<0.50	1,100	<0.50	NA	NA	TBA 5.5
	05/03/11	5.44	133.59	2.1	<0.50	<0.50	<0.50	550	<0.50	NA	NA	TBA: 8.0
	08/10/11	8.93	130.10	2.3	<0.50	6.6	0.55	3,200	<0.50	NA	NA	TPHd: <1,000
	11/15/11	10.90	128.13	2.8	<0.50	<0.50	<0.50	1,200	<0.50	NA	NA	TPHd: <400
	02/22/12	7.52	131.51	0.74	<0.50	<0.50	<0.50	1,200	<0.50	NA	NA	DIPE: 0.51, TPHd: <300
	05/15/12	6.03	135.48	20	<0.50	0.92	<0.50	1,700	0.56	NA	NA	DIPE: 1.2, TPHd: <400,
141.51												TBA:6.3
	08/28/12	10.28	131.23	<0.50	<0.50	<0.50	<0.50	1,700	<0.50	NA	NA	TPHd: <400

TABLE 3
GROUNDWATER MONITORING DATA (760)
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Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**
MW-11	09/07/07	11.28	127.53	380	30	260	40	13,000	<2.5	<2.5	ND	
138.81	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.24	130.57	180	15	110	18	9,600	<1.5	<1.5	NA	
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/14/09	6.15	132.66	6.5	<0.50	2.0	<0.50	560	<0.50	NA	NA	
	08/10/09	10.36	128.45	21	2.0	23	1.3	2,700	<0.50	NA	NA	
	11/23/09	11.84	126.97	150	14	62	19	5,800	<0.50	NA	NA	TBA:10
	02/09/10	4.43	134.38	91	4.7	3.8	7.0	3,500	<0.50	NA	NA	TBA:7.2
	05/05/10	5.64	133.17	12	2.0	22	2.7	4,800	<0.50	<0.50	NA	
	08/16/10	9.33	129.48	82	7.9	38	9.4	6,500	<0.50	NA	NA	
	11/15/10	7.58	131.23	120	9.0	21	8.8	5,100	<0.50	NA	NA	
	02/01/11	5.54	133.27	12	1.3	8.7	1.8	3,900	<0.50	NA	NA	
	05/03/11	5.61	133.20	2.2	0.64	<0.50	0.63	1,200	<0.50	NA	NA	
	08/10/11	8.72	130.09	61	5.5	24	4.9	5,800	<0.50	NA	NA	TPHd: <1,500
	11/15/11	10.63	128.18	190	14	61	24	5,600	<0.90	NA	NA	TPHd: <3,000
	02/22/12	7.96	130.85	220	14	33	27	5,400	<0.90	NA	NA	TPHd: <1,500
141.29	05/15/12	6.29	135.00	16	0.90	2.5	1.1	1,500	<0.50	NA	NA	TPHd: <500
	08/28/12	10.11	131.18	120	9.4	29	21	6,800	<0.50	NA	NA	TPHd:<2,000

TABLE 3
GROUNDWATER MONITORING DATA (760)
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Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-12	09/07/07	11.72	126.94	320	28	380	42	14,000	<2.5	<2.5	ND	
138.66	12/11/07	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	02/13/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Annual Sample
	05/27/08	8.59	130.07	210	18	170	25	10,000	<1.5	<1.5	NA	
	09/10/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	11/04/08	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/16/09	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/14/09	6.26	132.40	100	8.7	63	14	6,800	<1.5	NA	NA	
	08/10/09	10.68	127.98	150	15	120	23	10,000	<1.5	NA	NA	
	11/23/09	11.03	127.63	140	15	79	20	9,300	<1.5	NA	NA	TBA:10
	02/09/10	4.68	133.98	89	7.6	29	12	6,600	1.5	NA	NA	TBA: 6.9
	05/05/10	5.12	133.54	100	9.9	38	13	6,700	<1.0	<1.0	NA	
	08/16/10	9.74	128.92	95	10	65	16	8,700	<1.0	NA	NA	
	11/15/10	8.04	130.62	73	7.0	33	9.0	6,500	1.8	NA	NA	
	02/01/11	5.63	133.03	93	11	68	15	9,300	<0.9	NA	NA	
	05/03/11	5.43	133.23	46	5.1	19	7.4	5,200	0.88	NA	NA	
	08/10/11	9.08	129.58	84	7.3	34	7.54	6,800	<0.9	0.9	NA	75[p], 240[q], 20[r], 35[s], 100[t], 1.0[u], 2.3[v], TPHd: <3,000
	11/15/11	11.03	127.63	130	12	75	12	7,300	<0.90	NA	NA	TPHd: <3,000
	02/22/12	7.56	131.10	170	6.4	79	25	7,900	<0.90	NA	NA	TPHd: <2,000
141.14	05/15/12	6.03	135.11	76	6.4	27	10	5,700	<0.90	NA	NA	TPHd: <2,000
	08/28/12	11.23	129.91	100	10	50	16	9,900	<0.90	NA	NA	TPHd: <4,000
GW-2A	08/10/11	8.11	NC	100	7.2	73	12.0	8,100	<1.5	NA	NA	TPHd: <4,000
(NM)	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/22/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/15/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	08/28/12	10.36	NC	<0.5	<0.5	<0.5	<0.5	50	<0.5	NA	NA	TPHd: <50
GW-2BU	08/10/11	9.41	NC	<0.5	<0.5	<0.5	<0.5	190	1.6	NA	NA	TPHd: 50
(NM)	11/15/11	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	02/22/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	05/15/12	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	
	08/28/12	11.46	NC	<0.5	<0.5	<0.5	<0.5	150	1.5	NA	NA	TPHd: <50
MW-12B	02/22/12	7.76	NM	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: 54
140.76	05/15/12	6.52	134.24	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: <50, N: 4.9
	08/28/12	11.51	129.25	<0.5	<0.5	<0.5	<0.5	<50	<0.50	NA	NA	TPHd: <50
MW-13B	02/22/12	7.48	NM	22	57	66	400	3,200	1.9	NA	NA	TPHd: <600
140.64	05/15/12	6.23	134.41	<0.5	<0.5	<0.5	0.69	<50	1.8	NA	NA	TPHd:<50
	08/28/12	11.01	129.63	<0.5	<0.5	<0.5	<0.5	<50	1.0	NA	NA	TPHd:<50
MW-16A	02/22/12	7.86	NM	12	0.70	1.6	6.3	1,900	<0.50	NA	NA	TPHd: <800
141.21	05/15/12	6.62	134.59	42	2.8	30	5.0	4,100	<0.50	NA	NA	TPHd:<2,000, N:<0.10
	08/28/12	11.73	129.48	64	4.1	28	4.0	5,400	<0.90	NA	NA	TPHd: <2,000

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	Date	Depth to Groundwater (ft)#	Groundwater Elevation (ft)*	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPHg (µg/L)	MTBE (µg/L)	1,2-DCA (µg/L)	Volatiles (µg/L)	Comments
MW-16B	02/22/12	8.09	NM	0.60	0.58	<0.50	58	2,300	0.60	NA	NA	TPHd: <600
141.17	05/15/12	6.98	134.19	<0.5	<0.5	<0.5	<0.5	130	0.77	NA	NA	TPHd:<200, N:2.7
	08/28/12	12.41	128.76	<0.5	<0.5	<0.5	<0.5	140	0.62	NA	NA	TPHd:<100
MW-17A	02/22/12	7.68	NM	5.8	0.60	1.2	0.66	1,900	<0.50	NA	NA	TPHd: <1,500
141.68	05/15/12	5.96	135.72	2.3	0.53	0.73	<0.50	2,100	<0.50	NA	NA	TPHd<1,500
	08/28/12	10.99	130.69	5.7	0.61	0.76	<0.50	1,800	<0.50	NA	NA	TPHd<1,000
MW-17B	02/22/12	8.53	NM	<0.50	<0.50	<0.50	<0.50	61	0.66	NA	NA	TPHd: <50
141.71	05/15/12	7.29	134.42	<0.50	<0.50	<0.50	<0.50	60	<0.50	NA	NA	TPHd: 64
	08/28/12	12.01	129.70	<0.50	<0.50	<0.50	<0.50	66	<0.50	NA	NA	TPHd: 95
MW-18A	02/22/12	7.82	NM	390	11	280	95	8,700	<0.50	NA	NA	TPHd: <1,500
142.18	05/15/12	5.94	136.24	26	0.56	9.0	2.7	1,800	<0.50	NA	NA	TPHd: <800, N:<0.10
	08/28/12	11.23	130.95	11	<0.5	7.1	3.2	3,300	<0.50	NA	NA	TPHd: <1,500
MW-19A	02/22/12	7.52	NM	0.91	6.4	48	22	3,800	<0.50	NA	NA	TPHd: <1,000
141.36	05/15/12	5.86	135.50	0.72	3.7	47	14	3,600	<0.50	NA	NA	TPHd: <800, N:<0.10
	08/28/12	10.88	130.48	0.88	1.8	6.1	2.9	2,200	<0.50	NA	NA	TPHd: <400
MW-20A	02/22/12	7.59	NM	0.59	<0.50	<0.50	<0.50	430	<0.50	NA	NA	TPHd: <200
141.62	05/15/12	5.83	135.79	<0.50	<0.50	<0.50	<0.50	540	<0.50	NA	NA	TPHd: <300, N:<0.10
	08/28/12	11.21	130.41	<0.50	<0.50	<0.50	<0.50	410	<0.50	NA	NA	TPHd: <300
MW-21A	02/22/12	7.33	NM	12	2.2	58	450	8,800	<1.5	NA	NA	TPHd: <2,000
142.68	05/15/12	6.29	136.39	7.1	0.89	55	63	2,500	<0.50	NA	NA	TPHd:<600, N:1.7
	08/28/12	10.27	132.41	83	6.0	400	490	6,500	<0.50	NA	NA	TPHd: <2,000
MW-22A	02/22/12	6.91	NM	34	<2.0	150	910	8,400	<2.0	NA	NA	TPHd: <2,000
141.25	05/15/12	6.71	134.54	21	<0.90	150	380	7,300	<0.90	NA	NA	TPHd:<3,000
	08/28/12	9.92	131.33	12	0.52	9.5	39	2,700	<0.50	NA	NA	TPHd:<1,500

Explanations:

a = Chloromethane
b = Vinyl chloride
c = Cis-1,2-Dichloroethene
d = Tetrachloroethene
e = Trichloroethene
f = 1,1,2 - Trichloroethane
g = 1,1-Dichloroethene
h = 1,1-Dichlorothane
i = 1,1,1-Trichloroethane
j = Trans-1,2-Dichloroethene
k = 1,2-Dichloropropane
l = 1,2-Dichloroethane
m = Tert-butanol
n = Methanol
o = Ethanol
p = Isoproply benzene
q = n-Propylbenzene
r = sec-Butylbenzene
s = n-Butylbenzene
t = Naphthlene
u = 1,3,5-Trimethylbenenze

TPHg =Total petroleum hydrocarbons as gasoline
TPHd = Total petroleum hydrocarbons as diesel
MTBE = Methyl tertiary butyl ether
1,2-DCA = Dichloroethane
ETBE = Ethyl-t-butyl ether
TAME = Tert-amyl methyl ether
TBA = Tert-butanol
DIPE = Diisopropyl ether
N = Nitrate as N
* = Feet relative to mean sea level
# = Feet below top of riser
(5'-25') = Depths of screen interval
4" = Well casing diameter
UK = Unknown
ND = Non detect for DIPE, ETBE, TAME, and TBA
-- = Not sampled/analyzed
µg/L = Micrograms per liter
NA = Not Analyzed

Notes:

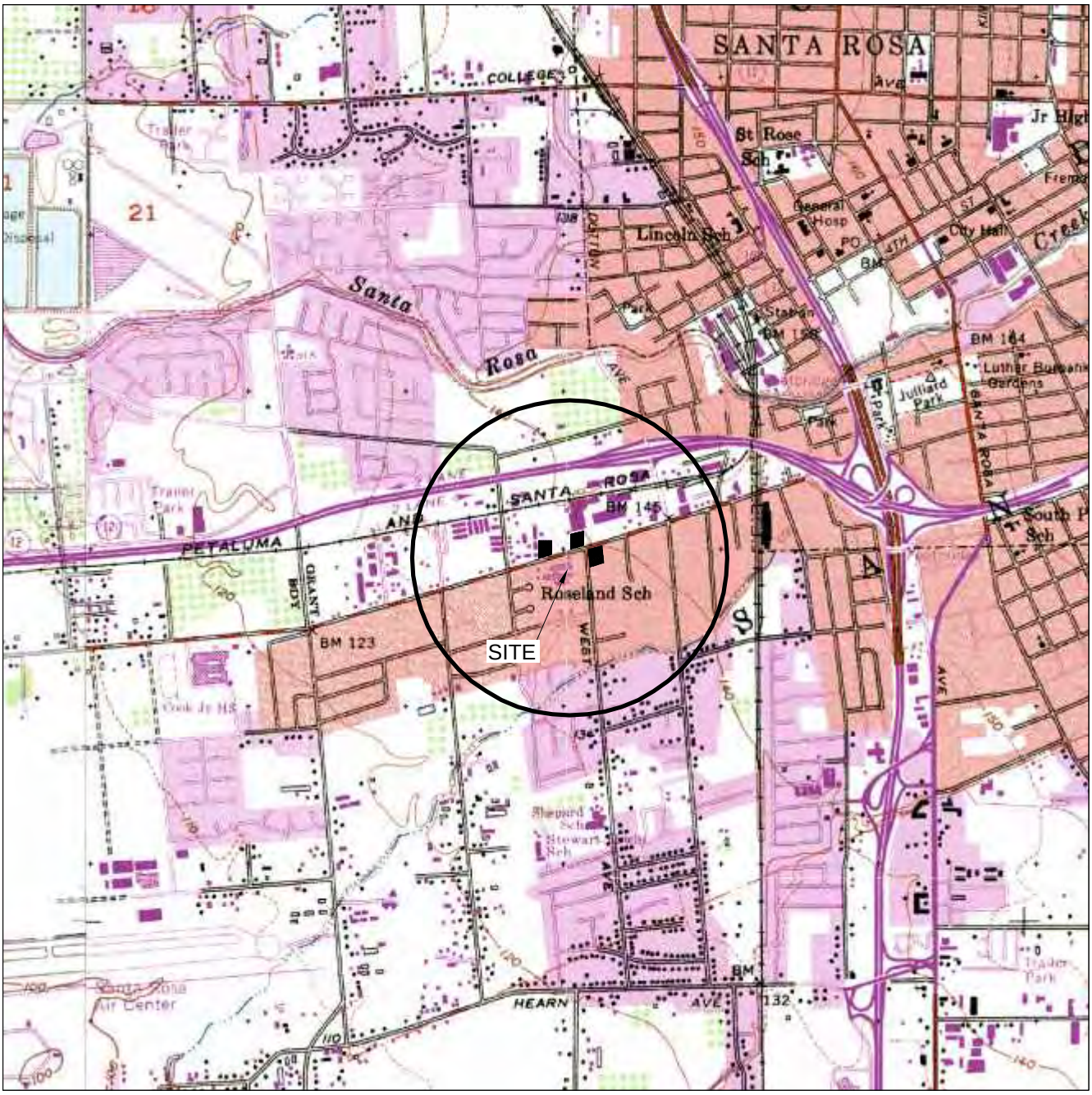
Original casing elevation is displayed below well name.

Later surveyed elevations are displayed next to the date they were taken.

TABLE 3
GROUNDWATER MONITORING DATA (760)
REDWOOD OIL
760 Sebastopol Road, Santa Rosa, California

Well Casing Elevation (ft)*	**Date**	**Depth to Groundwater (ft)#**	**Groundwater Elevation (ft)***	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**TPHg (µg/L)**	**MTBE (µg/L)**	**1,2-DCA (µg/L)**	**Volatiles (µg/L)**	**Comments**

v = tert-Butylbenenze
w = Chloroethane



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
SANTA ROSA, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980

N

0 2000 FT

SCALE 1:24,000

QUADRANGLE LOCATION

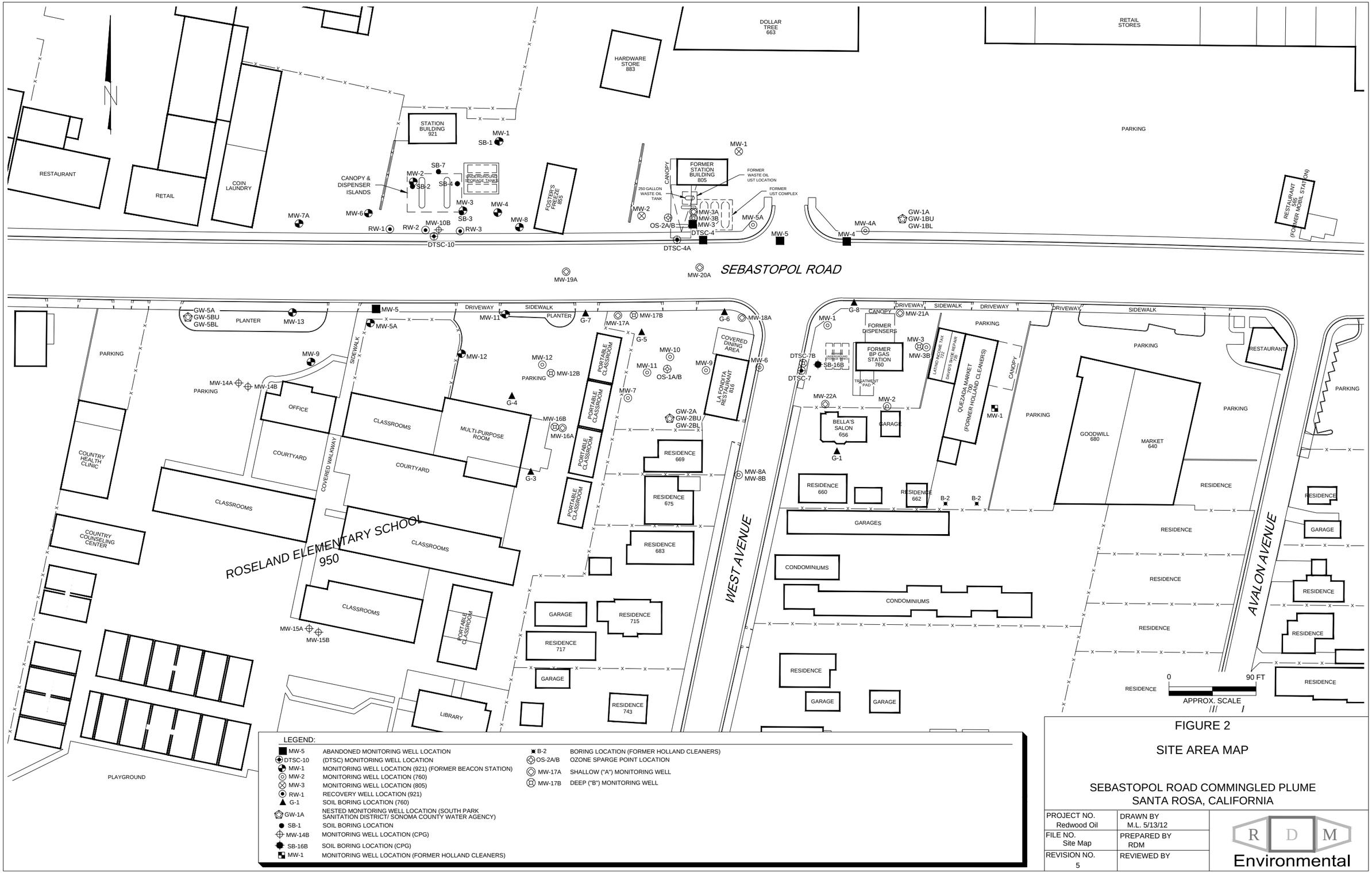
FIGURE 1

SITE LOCATION MAP

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CA.

PROJECT NO. RO-SR.001	DRAWN BY M.L. 2/23/06
FILE NO. Location Map	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY

R D M Environmental



LEGEND:

MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-2A/B	OZONE SPARGE POINT LOCATION
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL

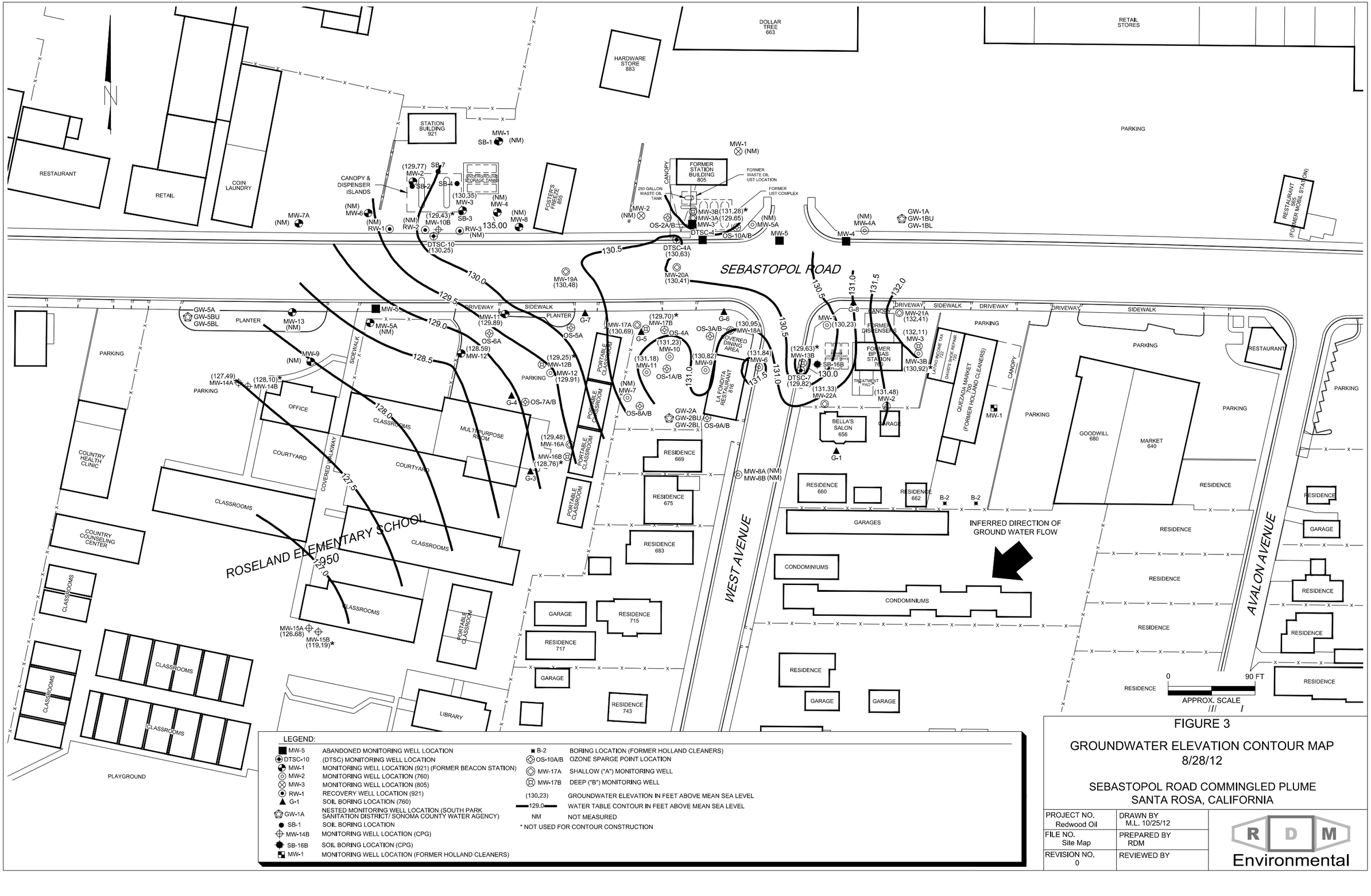
FIGURE 2

SITE AREA MAP

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 5/13/12
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 5	REVIEWED BY

RDM Environmental



LEGEND:

MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(130.23)	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
129.0	WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL
NM	NOT MEASURED

* NOT USED FOR CONTOUR CONSTRUCTION

FIGURE 3

GROUNDWATER ELEVATION CONTOUR MAP
8/28/12

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 10/25/12
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

RDM Environmental

LEGEND:

MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(120)	BENZENE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
0.5	LINE OF EQUAL CONCENTRATION OF BENZENE IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

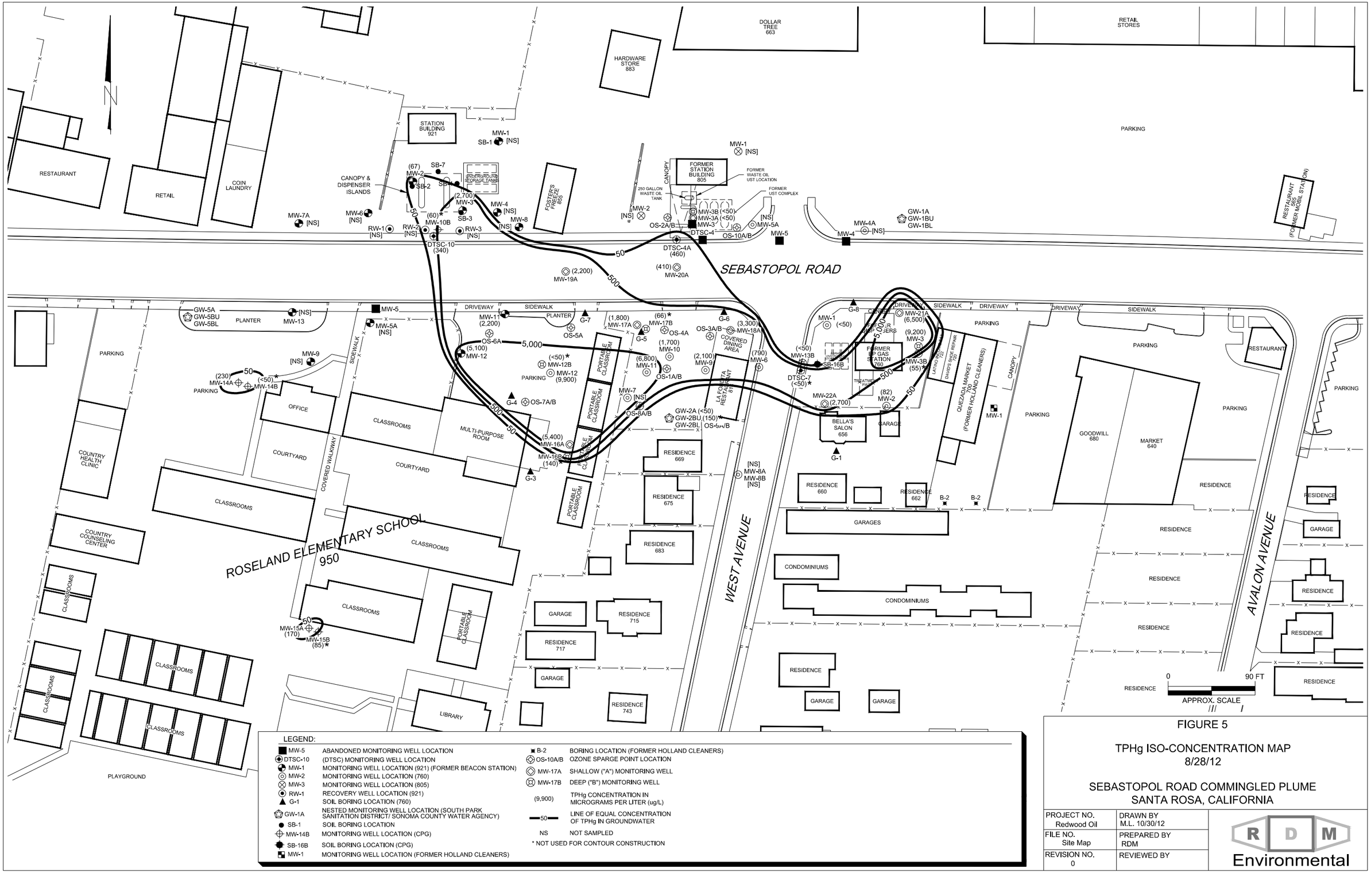
FIGURE 4

BENZENE ISO-CONCENTRATION MAP
8/28/12

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 10/30/12
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

RDM Environmental



LEGEND:

MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(9,900)	TPHg CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
50	LINE OF EQUAL CONCENTRATION OF TPHg IN GROUNDWATER
NS	NOT SAMPLED
*	NOT USED FOR CONTOUR CONSTRUCTION

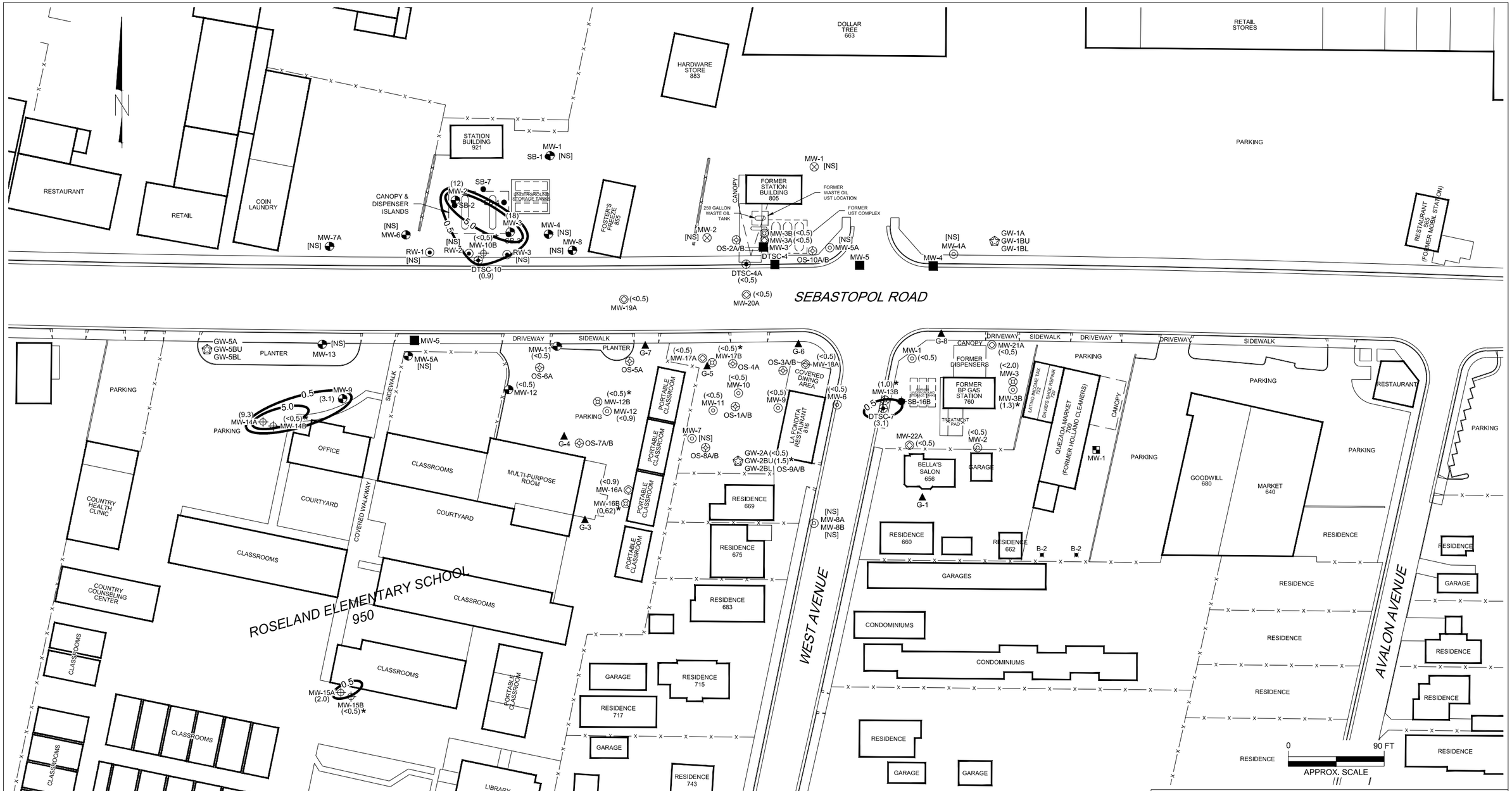
FIGURE 5

TPHg ISO-CONCENTRATION MAP
8/28/12

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 10/30/12
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

RDM Environmental



LEGEND:

MW-5	ABANDONED MONITORING WELL LOCATION
DTSC-10	(DTSC) MONITORING WELL LOCATION
MW-1	MONITORING WELL LOCATION (921) (FORMER BEACON STATION)
MW-2	MONITORING WELL LOCATION (760)
MW-3	MONITORING WELL LOCATION (805)
RW-1	RECOVERY WELL LOCATION (921)
G-1	SOIL BORING LOCATION (760)
GW-1A	NESTED MONITORING WELL LOCATION (SOUTH PARK SANITATION DISTRICT/ SONOMA COUNTY WATER AGENCY)
SB-1	SOIL BORING LOCATION
MW-14B	MONITORING WELL LOCATION (CPG)
SB-16B	SOIL BORING LOCATION (CPG)
MW-1	MONITORING WELL LOCATION (FORMER HOLLAND CLEANERS)
B-2	BORING LOCATION (FORMER HOLLAND CLEANERS)
OS-10A/B	OZONE SPARGE POINT LOCATION
MW-17A	SHALLOW ("A") MONITORING WELL
MW-17B	DEEP ("B") MONITORING WELL
(18)	MTBE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
0.5	LINE OF EQUAL CONCENTRATION OF MTBE IN GROUNDWATER
NS	NOT SAMPLED

* NOT USED FOR CONTOUR CONSTRUCTION

FIGURE 7

MTBE ISO-CONCENTRATION MAP
8/28/12

SEBASTOPOL ROAD COMMINGLED PLUME
SANTA ROSA, CALIFORNIA

PROJECT NO. Redwood Oil	DRAWN BY M.L. 10/30/12
FILE NO. Site Map	PREPARED BY RDM
REVISION NO. 0	REVIEWED BY

RDM Environmental

ENCLOSURE A

Field Methods and Procedures

RDM ENVIRONMENTAL, INC.

Enclosure A

Sampling Methods

Proper sampling methods must be followed to assure that samples represent actual field conditions and that samples are labeled, preserved, and transported properly to retain sample integrity. This attachment describes procedures to be followed by RDM Environmental, Inc.(RDM), during collection of samples of subsurface soil and groundwater. Sampling procedures will be based on sampling guidance documents from the American Society of Testing and materials (ASTM), U.S. Environmental protection Agency (EPA), and California Department of Health Services (DHS). Actual sampling procedures to be employed will be based on field conditions and may differ from those described here.

A. EXPLORATION BORING/SOIL SAMPLING PROCEDURES

Soil borings and soil sampling will be performed under the direction of a RDM engineer/geologist. The soil borings will be advanced using drilling techniques appropriate for each project, as specified in the project work plan.

Soil samples will be collected at maximum intervals of 5 feet. Soil sampling will be done in accordance with ASTM 1586-84. Using this procedure, three 1.06- to 2-inch-diameter, 6-inch-length, brass or stainless steel tubes are placed in a California-type-split-barrel sampler, or a slide hammer with a single 6-inch by 2-inch brass or stainless tube by tapping the tube into the soil in the backhoe bucket with a hammer. The sampler is driven into the soil by a 140-pound weight falling 30 inches or with a slide hammer on hand auger samples. After an initial set of 6 inches, the number of blows required to drive the sampler an additional 12 inches is known as penetration resistance, or the •N• value. The •N• value is used as an empirical measure of the relative density of cohesion-less soils and the consistency of cohesive soils. When collecting a soil sample from a tank excavation or line excavation, the soil sample will be collected by tapping a brass stainless steel tube into the soil in the backhoe bucket.

Upon recovery of the split-barrel sampler or slide hammer sampler, the brass or stainless steel tubes containing the soil will be removed. One tube will be sealed at the ends with plastic end caps. The end caps will be secured to the ends of the tube to prevent loss of volatile constituents. The sample will be labeled with an identification number, time, date, location, and requested laboratory analysis. The sample will then be placed in a plastic bag and stored at approximately 4 degrees Celsius in an ice chest for transport to the laboratory. Sample custody procedures outlined in Section D of this attachment will be followed. This will be performed for each sample collected.

Soil in one of the brass or stainless steel tubes from the split-barrel sampler will be extracted upon recovery, placed in a plastic bag, and sealed for later screening for organic vapors using a photo ionization detector (PID) or a flame ionization detector (FID). The remaining portion of the soil sample will be examined and a complete log of soil conditions will be recorded on a soil boring log using the Unified Soil Classification System. The soil will be examined for grain size, color, and moisture content.

The split-barrel sampler or slide hammer sampler will be cleaned to prevent contamination across sampling intervals using procedures described in Section B. Soil generated from the soil borings will be stored in 55-gallon drums (unless otherwise directed by agencies or the client) labeled with the corresponding boring number, date, and address of the facility.

B. DECONTAMINATION AND DISPOSAL PROCEDURES

All equipment that comes into contact with potentially contaminated soil, drilling fluid, air or water will be decontaminated before each use. Decontamination will consist of steam cleaning, a high-pressure, hot water

rinse, or trisodium phosphate (TSP) wash and freshwater rinse, as appropriate. Drilling and sampling equipment will be decontaminated as follows:

1. Drill rig augers, drill rods, and drill bits will be steam-cleaned prior to use and between borings. Visible soil, grease, and other impurities will be removed.

2. Soil sampling equipment will be steam-cleaned prior to use and between each boring. Prior to individual sample collection, any sampling device will also be cleaned in a TSP solution and rinsed twice in clean water. Any visible soil residue will be removed.

3. It is anticipated that disposable equipment will be used to collect water samples. If disposable equipment is not used, water sampling equipment will be decontaminated using methods described in item 2 above for soil sampling equipment.

4. Water sampling containers will be cleaned and prepared by the respective analytical laboratories.

5. Stainless steel or brass soil sampling tubes will be steam-cleaned or washed in TSP solution and rinsed with clean water.

6. Field monitoring equipment (pH, conductivity, or temperature probes) will be rinsed with clean water prior to use and between samples.

C. FIELD MEASUREMENTS

Field data will be collected during various sampling and monitoring activities; this section describes routine procedures to be followed by personnel performing field measurements. The methods presented below are intended to ensure that field measurements are consistent and reproducible when performed by various personnel.

C.1 Buried Utility Locations

Prior to commencement of work on site, RDM will contact underground service alert and appropriate utility companies to have underground utility lines located. RDM will also visually survey the site to estimate the locations of potentially unmarked underground utilities. All work associated with the borings will be preceded by hand augering to a minimum depth of 5 feet below grade to avoid damaging underground utilities.

C.2 Lithologic Logging

A log of soil conditions encountered during the drilling and sample collection will be maintained using the Unified Soil Classification System by a RDM engineer/geologist. All boring logs will be reviewed by a California registered engineer/geologist.

The collected soil samples will be examined and the following information recorded: boring location, sample interval and depth, blow counts, color, soil type, moisture content (qualitative), and depth at which ground water (if present) is first encountered. Also recorded on the soil boring logs will be the field screening results derived from the use of a portable PID or FID.

C.3 Disposal Procedures

Soils and fluids that are produced and/or used during the installation and sampling of borings, and that are known or suspected to contain potentially hazardous materials, will be contained during the above operations. These substances will be retained on site until chemical testing has been completed to determine the proper means of disposal. Handling and disposal of substances known or suspected to contain potentially hazardous

materials will comply with all applicable regulations including those of DHS and the California Department of Water Resources. Soils and fluids produced and/or used during the above-described operations that are shown to contain potentially hazardous materials will be disposed of appropriately.

Residual substances generated during cleaning procedures that are known or suspected to pose a threat to human health or the environment will be placed in appropriate containers until chemical testing has been completed to determine the proper means for their disposal.

C.4 Conductivity, Temperature, and pH

Specific conductance, water temperature, and pH measurements will be made when a water sample is collected. Regardless of the sample collection method, a representative water sample will be placed in a transfer bottle used solely for field parameter determinations. A conventional pH meter with a combination electrode or equivalent will be used for field-specific conductance measurements. Temperature measurements will be performed using standard thermometers or equivalent temperature meters. Combination instruments capable of measuring two or all three of the parameters may also be used.

All instruments will be calibrated in accordance with manufacturer's recommendations. The values for conductivity standards and pH buffers used in calibration will be recorded in a field notebook. All probes will be thoroughly cleaned and rinsed with fresh water prior to any measurements, in accordance with Section C.1

D. SAMPLE CUSTODY

This section describes standard operating procedures for sample custody and custody documentation. Sample custody procedures will be followed through sample collection, transfer, analysis, and ultimate disposal. The purpose of these procedures is to assure that (1) the integrity of samples is maintained during their collection, transportation, and storage prior to analysis and (2) post-analysis sample material is properly disposed of. Sample custody is divided into field procedures and laboratory procedures, as described below.

D.1 Field Custody Procedures

Sample quantities, types, and locations will be determined before the actual fieldwork commences. As few personnel as possible will handle samples. The field sampler is personally responsible for the care and custody of the collected samples until they are properly transferred.

D.1.1 Field Documentation

Each sample will be labeled and sealed properly immediately after collection. Sample identification documents will be carefully prepared so that identification and chain-of-custody records can be maintained and sample disposition can be controlled. Forms will be filled out with waterproof ink. The following sample identification documents will be utilized:

- Sample labels
- Field notebook
- Chain-of-custody forms

D.1.2 Sample Labels

Sample labels provide identification of samples. Preprinted sample labels will be provided. Where necessary, the label will be protected from water and solvents with clear label-protection tape. Each label

will contain the following information:

- Name of collector

- Date and time of collection
- Place of collection
- RDM project number
- Sample number
- Preservative (if any)

D.1.3 Sample Labels Field Data Sheet

Information pertinent to a field survey, measurements, and/or sampling must be recorded on field data sheets. Entries on data sheets should include the following:

- Name and title of author, date and time of entry, and physical/environmental conditions during field activity.
- Location of sampling or measurement activity.
- Name(s) and title(s) of field crew.
- Type of sampled media (e.g., soil, groundwater, air, etc.).
- Sample collection or measurement method(s).
- Number and volume of sample(s) collected.
- Description of sampling point(s).
- Description of measuring reference point(s).
- Date and time of collection or measurement.
- Sample identification number(s).
- Sample preservative (if any).
- Sample distribution (e.g., laboratory).
- Field observations/comments.
- Field measurement data (pH, etc.).

D.1.4 Chain-of-custody Record

A chain-of-custody record will be completed out for and will accompany every sample and every shipment of samples to the analytical laboratories in order to establish the documentation necessary to trace sample possession from the time of collection to disposal. The record will contain the following information:

- Station number and sample I.D.
- Signature of collector, sampler, or recorder.
- Date and time of collection.
- Place of collection.
- Sample type.
- Signatures of persons involved in the chain of possession.
- Inclusive dates of possession.

The laboratory portion of the form should be completed by laboratory personnel and will contain the following information:

- Name of person receiving the sample.
- Laboratory sample number.
- Date and time of sample receipt.
- Analyses requested.
- Sample condition and temperature.

D.1.5 Sample Transfer and Shipment

A chain-of-custody record will always accompany samples. When transferring samples, the individuals relinquishing and receiving the samples will sign, date, and note the time on the chain-of-custody record.

Samples will be packaged properly for shipment and dispatched to the appropriate laboratory for analysis. The chain-of-custody record will accompany each shipment. The method of shipment, courier name(s), and other pertinent information will be entered in the chain-of-custody record.

D.2 Laboratory Custody Procedures

A designated sample custodian will accept custody of the shipped samples and verify that the information on the sample label matches that on the chain-of-custody record. Information regarding method of delivery and sample conditions will also be checked on the chain-of-custody record. The custodian will then enter the appropriate data into the laboratory sample tracking system. The laboratory custodian may use the sample number on the sample label or may assign a unique laboratory number to each sample. The custodian will then transfer the sample to the proper analyst or store the sample in the appropriate secure area.

Laboratory personnel are responsible for the care and custody of samples from the time they are received until the sample is exhausted. Once at the laboratory, the samples will be handled in accordance with U.S. Environmental Protection Agency SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods, Third Edition, for the intended analyses. All data sheets, chromatographs, and laboratory records will be filed as part of the permanent documentation.

D.3 Corrections to Documentation

Original data recorded in field notebooks, chain-of-custody records, sampling information sheets, and other forms should be written in ink. These documents should not be altered, destroyed, or discarded even if they are illegible or contain inaccuracies that require a replacement document.

If an error is made or found on a document, the individual making the corrections will do so by crossing a single line through the error, entering the correct information, and initialing and dating the change. The erroneous information will be obliterated. Any subsequent error(s) discovered on a document will be corrected. All corrections will be initialed and dated.

D.4 Sample Storage and Disposal

The analytical laboratory should retain samples and extracts for 60 days after the laboratory issues a written report. Unless notified by the program manager, excess or unused samples should be disposed of by the laboratory in an appropriate manner consistent with applicable government regulations.

ENCLOSURE B

Regional Water Quality Control Board Letter dated July 10, 2006

California Regional Water Quality Control Board
North Coast Region
William R. Massey, Chairman

Linda S. Adams
Agency Secretary

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

Arnold Schwarzenegger
Governor

July 10, 2006

Peter Van Alyea
Redwood Oil Company
50 Professional Center Drive
Suite 100
Rohnert Park, CA 94928

Tom Bauhs/Karen Streich
ChevronTexcaco
P.O. Box 6012
San Ramon, CA 94583

Rob Donovan
Tesoro Refining & Marketing
3450 S. 344th Way, Suite 100
Auburn, WA 98001-5931

Joseph Aldridge
Ultramar, Inc.
685 West Third Street
Hanford, CA 93230

James T. Baugh, DDS
Baugh Enterprises
125 West Peck Street
Lake Elsinore, CA 92530

Charles and Benita Jeppson
6565 Bridgewood Drive
Santa Rosa, CA 95409

Tracy Sizemore
Conoco Phillips
1500 North Priest
DC-40A
Tempe, AZ 85281

Richard Raushenbush
Latham & Watkins
505 Montgomery Street
Suite 1900
San Francisco, CA 94111

Amanda Massey
Flyers Beacon LLC
2360 Lindbergh Street
Auburn, CA 95602

Tito and Liliosa DeLeon
498 East Railroad Avenue
Cotati, CA 94931

Ignacio and Idolina Alvarez
443 Dutton Avenue, Suite 8
Santa Rosa, CA 95407

Phillip M. Bressler Trust et al
10012 Alegria Drive
Las Vegas, NV 89134

Ladies and Gentlemen:

Subject: Comments on *Nested Ozone Sparge Well, Monitoring Well and Air Sparge Well Installation Work Plan, and Proposed Ozone Sparge Test*, and *Request for Reduced Quarterly Monitoring Schedule*

File: Sebastopol Road Commingled Plume Group, Sebastopol Road, Santa Rosa
Case No. 1TSR394

Regional Water Board staff have reviewed the May 7, 2006 *Nested Ozone Sparge Well, Monitoring Well and Air Sparge Well Installation Work Plan, and Proposed Ozone Sparge Test* and the June 27, 2006 *Request for Reduced Quarterly Monitoring Schedule* prepared by RDM Environmental for 760, 805 and 921 Sebastopol Road in Santa Rosa. I also met with Mr. Richard Muncsh with RDM Environmental on June 22, 2006 to discuss the proposed scope of work, the three individual sites and the RDM long term plan for the commingled plumes cleanup. Our comments are:

Work Plan:

- The work plan to install one-nested ozone sparge point and three groundwater-monitoring wells is acceptable. We agreed during our June 22, 2006 meeting that prior to the commencement of the pilot test, the RDM air monitoring protocol would be submitted for our review and records. Thank you in advance.

- Prior to commencement of the ozone pilot test, groundwater baseline parameters must be determined, which are also monitored for during the project. They include dissolved oxygen, ORP, temperature, pH, bromide, bromate, dissolved hexavalent chromium, dissolved vanadium, dissolved selenium and dissolved molybdenum. The oxygen, pH, ORP shall be measured in the field. The laboratory-reporting limit for hexavalent chromium and bromate should be no higher than 5 and 10 ug/l, respectively.

- During our meeting, we also discussed the need for an additional, groundwater-monitoring well in the parking lot of Roseland Elementary School west of proposed MW-11 and existing MW-7. This well should be installed as soon as an access agreement is obtained.

Request for Reduced Monitoring:

- The proposed reduced groundwater-monitoring schedule is acceptable.

- The proposal to abandon MW-2 at 921 Sebastopol Road will be evaluated after I conduct a site inspection.

In addition, I will be reviewing the individual case files and the Sebastopol Road Commingled Plume case file to familiarize myself with the entire record and identify data gaps, if any, and evaluate whether the lateral and vertical extent of contamination has been defined.

Please notify me in advance of fieldwork so I can conduct a site inspection during field activities. I can be reached at (707) 576-2675.

Sincerely,

Joan Fleck
Engineering Geologist

071006_JEF_Commingled

cc: Mr. Richard D. Munsch, RDM Environmental, 6280 Brookshire Drive, Rocklin, CA 95677
Mr. John Mahoney, Redwood Oil Company, 50 Professional Drive, Suite 100, Rohnert Park, CA 94928
Mr. Hans Herb, P.O. Box 970, Santa Rosa, CA 95402
Ms. Gail Ahlas, Superintendent, Roseland Unified School District, 950 Sebastopol Road, Santa Rosa, CA 95401
Fire Inspector Corey Vincent, Santa Rosa Fire Department

ENCLOSURE C

Ground Water Sampling Information Sheets

RDM ENVIRONMENTAL

GROUND WATER LEVEL DATA

Project Address: 760 Sabastapol Road
Santa Rosa, CA

Technicians : DH/SG

Date: 8/21/2012

Project Number: 760

Well Number	Sample Order	Time	Depth to Water	Total Depth	Diameter	Depth to Product	Product Thickness	Comments
MW-1	6	1139	12.02	23.17	4			
MW-2	3	1170	10.91	25.15	4			
MW-3	4	1178	10.81	20.65	2			
MW-3B	11	1158	11.96	45.00	2			
MW-6	1	1160	9.18	15.00	4			
MW-7	5	1133	N/A	19.57	2			DUMPSTER ON WELL, CAN NOT MOVE
DTSC-7	2	1124	10.96	21.05	4			
MW-9	7	1142	10.34	19.98	2			
MW-10	8	1146	10.28	19.72	2			
MW-11	9	1150	10.11	19.51	2			
MW-12	10	1154	11.23	19.60	2			
MW-12B	12	1203	11.51	46.00	2			
MW-13B	13	1206	11.01	37.50	2			
MW-16A	14	1211	11.23	20.00	2			
MW-16B	15	1216	12.41	40.40	2			
MW-17A	16	1220	10.99	20.00	2			
MW-17B	17	1224	12.01	39.50	2			
MW-18A	18	1228	11.23	20.00	2			
MW-19A	21	1241	10.88	20.00	2			

RDM ENVIRONMENTAL
GROUND WATER LEVEL DATA

	MW-20A	22	1746	11.21	20.00	2			
	MW-21A	19	1734	10.27	16.00	2			
	MW-22A	20	1737	9.92	19.50	2			
GW	[illegible]2A	22	1750	10.31	24.5	2			
GW	[illegible]	23	1753	11.46	42.5	2			
2BV									
	[redacted]	Do not measure or sample these wells							

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/2/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	~~MW-2~~ MW-1
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes / No	Time:	1416 hours
Standing water	Yes / No	above or below casing	
Top of well level	Yes / No	Remark:	
Well cap & locked	Yes / No	Remark:	
Height of Riser	Flu		
Well Box	8" 12" (24")	Type of well box	Penco

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter	2"		4"	X	6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	21.74
Time:	1138	Time:		Actual Purge	15.0
Depth of Well	73.57	Depth to Water			
Depth to Water	11.02				

Sample

Start Purge: 1418 Sample Time: 1436

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1423	73.8	500	6.83					1
1430	76.1	509	6.79					2
1434	76.1	501	6.89					3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sabastapol Road
Santa Rosa, CA
Signature:

Sample Data: 8/28/2012
Project Number: 760
Well Designation: MW-2

Well Box Condition/Traffic

Traffic Control: (Yes) No
Standing water: Yes (No)
Top of well level: (Yes) No
Well cap & locked: (Yes) No
Height of Riser: 3"
Well Box: 8" (12") 24"

Time: 1222 hours
above or below casing
Remark:
Remark:
Type of well box: Hoeetson D.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	4"	6"	8"
Purge Vol. Multiplier	0.16	X 0.65	1.47	2.61

Initial Messurement		Recharge Measurement	Calculated Purge	27.76
Time:	1120	Time:	Actual Purge	15.0
Depth of Well	25.15	Depth to Water		
Depth to Water	10.91			

Sample

Start Purge: 1224
Sample Time: 1238

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1228	72.1	441	7.11					1
1233	73.4	453	7.18					2
1236	73.4	449	7.19					3

Sample Appearance: clear
Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/2/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-3
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1519 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	3'		
Well Box (6") 12" 24"		Type of well box	Moore Sand D.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	4.77
Time:	1178	Time:		Actual Purge	5.0
Depth of Well	20.65	Depth to Water			
Depth to Water	10.81				

Sample

Start Purge: 1521 Sample Time: 1536

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1522	70.0	586	6.68					1
1530	70.0	590	6.70					2
1533	71.7	589	6.70					3

Sample Appearance: CLOUDY Lock: OK

Equipment Replacement

Lock: Well Cap: Bolts: Box:

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sabastapol Road
Santa Rosa, CA
Signature:

Sample Data: 8/2012
Project Number: 760
Well Designation: MW-3B

Well Box Condition/Traffic

Traffic Control: Yes / No
Standing water: Yes / No
Top of well level: Yes / No
Well cap & locked: Yes / No
Height of Riser: 4"
Well Box: 8" 12" 24"
Type of well box: Morrison D.

Time: 1548 hours
above or below casing
Remark:
Remark:

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	4"	6"	8"
	X			
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	15.85
Time:	1150	Time:		Actual Purge	10.0
Depth of Well	45.00	Depth to Water			
Depth to Water	11.96				

Sample

Start Purge: 1550
Sample Time: 1601

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1553	74.8	381	6.77					1
1556	74.8	377	6.79					2
1559	73.0	378	6.83					3

Sample Appearance: CLEAR
Lock: OK

Equipment Replacement

Lock: X Well Cap: X Bolts: X Box: X

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/23/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	RW-6
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes / No	Time:	1612 hours
Standing water	Yes / No	above or below casing	
Top of well level	Yes / No	Remark:	
Well cap & locked	Yes / No	Remark:	
Height of Riser	1"		
Well Box 8" 12" 24"		Type of well box	UNK

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	X	6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61
Initial Measurement			Recharge Measurement			Calculated Purge		11.34
Time:		1120	Time:			Actual Purge		8.0
Depth of Well		15.00	Depth to Water					
Depth to Water		9.13						

Sample

Start Purge: 1619 Sample Time: 1636

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1619	73.8	416	6.73					1
1627	73.3	420	6.69					3
1634	71.0	420	6.80					3

Sample Appearance: clear Lock: OK

Equipment Replacement

Lock: 0 Well Cap: 0 Bolts: 0 Box: 0

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	DTSC-MW
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1339 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	7 in		
Well Box 8" 12" 24"	(36")	Type of well box	UNK

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	X	6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement	1174	Recharge Measurement		Calculated Purge	21.23
Time:	[illegible]	Time:		Actual Purge	15.0
Depth of Well	19.85	Depth to Water			
Depth to Water	10.46				

Sample

Start Purge: 1341 Sample Time: 1405

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1350	70.1	496	6.93					1
1354	70.8	501	6.97					2
1403	71.4	500	6.90					3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/21/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-9
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0853 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4/1		
Well Box (8") 12" 24"		Type of well box	Morrison D.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	4.61
Time:	1147	Time:		Actual Purge	5.0
Depth of Well	14.98	Depth to Water			
Depth to Water	10.36				

Sample

Start Purge: 0855 Sample Time: 0906

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0858	65.1	614	6.86					1
0901	65.1	613	6.86					2
0904	66.0	613	6.86					3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock	0	Well Cap	0	Bolts	0	Box	0

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/9/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-10
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0830 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4"		
Well Box (8") 12" 24"	Type of well box		MORRISON D.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	4.53
Time:	1146	Time:		Actual Purge	4.5
Depth of Well	19.77	Depth to Water			
Depth to Water	10.28				

Sample

Start Purge: 0852 Sample Time: 0843

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0836	68.1	641	6.66					1
0839	68.1	646	6.70					2
0841	68.1	646	6.73					3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock: 0 Well Cap: 0 Bolts: 0 Box: 0

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sabastapol Road
Santa Rosa, CA
Signature:

Sample Data: 8/9/2012
Project Number: 760
Well Designation: MW-11

Well Box Condition/Traffic

Traffic Control (Yes) No
Standing water Yes (No)
Top of well level (Yes) No
Well cap & locked (Yes) No
Height of Riser 1"
Well Box (8") 12" 24"

Time: 1646 hours
above or below casing
Remark:
Remark:
Type of well box: Morris and D

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge 3.47
Time:	1150	Time:		Actual Purge 3.5
Depth of Well	19.51	Depth to Water		
Depth to Water	10.11			

Sample

Start Purge: 1648 Sample Time: 1659

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1653	74.1	581	6.98					1
1656	74.1	593	6.99					2
1658	74.3	593	7.01					3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock: 0 Well Cap: 0 Bolts: 0 Box: 0

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/7/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-12
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1040 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4"		
Well Box	8" (12") 24"	Type of well box	Morris-N

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61
Initial Measurement			Recharge Measurement			Calculated Purge		4.01
Time		1154	Time:			Actual Purge		4.5
Depth of Well		19.60	Depth to Water					
Depth to Water		11.23						

Sample

Start Purge: 1043 Sample Time: 1055

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1046	73.4	411	6.66					1
1049	68.9	406	6.60					2
1053	68.9	401	6.58					3

Sample Appearance: Clear Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/23/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-12B
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1104 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4"		
Well Box	8" 12" (24")	Type of well box	EMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	16.55
Time:	1203	Time:		Actual Purge	16.5
Depth of Well	46.00	Depth to Water			
Depth to Water	11.51				

Sample

Start Purge 1106 Sample Time 1120

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1110	71.0	634	7.23					1
1114	71.3	640	7.20					2
1118	71.3	640	7.18					3

Sample Appearance CLEAR Lock OK

Equipment Replacement

Lock Ø Well Cap Ø Bolts Ø Box Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 760 Sabastapol Road
Santa Rosa, CA
Signature:

Sample Data: 8/9/2012
Project Number: 760
Well Designation: MW-13B

Well Box Condition/Traffic

Traffic Control: (Yes) No
Standing water: Yes (No)
Top of well level: (Yes) No
Well cap & locked: (Yes) No
Height of Riser: 4"
Well Box: (8") 12" 24"

Time: 1313 hours
above or below casing
Remark:
Remark:
Type of well box: EMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement	Calculated Purge	12.7
Time	1706	Time	Actual Purge	13.0
Depth of Well	37.50	Depth to Water		
Depth to Water	11.21			

Sample

Start Purge: 1315
Sample Time: 1328

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1318	68.1	384	7.70					1
1323	70.3	384	7.71					2
1326	70.4	384	7.71					3

Sample Appearance: Clear
Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/6/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-16A
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1113 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser			
Well Box (6") 12" 24"	Type of well box	EMCO	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement	1211	Recharge Measurement		Calculated Purge	3.96
Time:		Time:		Actual Purge	4.0
Depth of Well	20.00	Depth to Water			
Depth to Water	11.73				

Sample

Start Purge: 1115 Sample Time: 1127

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1118	69.4	531	7.31					1
1122	69.4	529	7.28					2
1125	69.3	530	7.28					3

Sample Appearance: Cloudy Lock: OK

Equipment Replacement

Lock		Well Cap		Bolts		Box	

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/2/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-16B
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1138 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4/4		
Well Box 8" 12" (24")		Type of well box	DEMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement	Calculated Purge	13.43
Time:	1216	Time:	Actual Purge	13.5
Depth of Well	40.40	Depth to Water		
Depth to Water	12.41			

Sample

Start Purge 1140 Sample Time 1202

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1143	70.3	504	6.94					1
1146	70.4	498	6.99					3
1150	70.4	499	7.00					5

Sample Appearance Clear Lock OK

Equipment Replacement

Lock Well Cap Bolts Box

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/4/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-17A
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes No	Time:	1050 hours
Standing water	Yes No	above or below casing	
Top of well level	Yes No	Remark:	
Well cap & locked	Yes No	Remark:	
Height of Riser	0.11		
Well Box 8" 12" 24"		Type of well box	EMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61
Initial Measurement			Recharge Measurement			Calculated Purge		4.32
Time:		1720	Time:			Actual Purge		4.5
Depth of Well		10.80	Depth to Water					
Depth to Water		10.79						

Sample

Start Purge 1052 Sample Time 1103

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1055	70.0	493	6.81					1
1058	71.9	493	6.53					2
1101	71.8	493	6.59					3

Sample Appearance Clear Lock OK

Equipment Replacement

Lock Well Cap Bolts Box

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/29/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-17B
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1028 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser:	6"		
Well Box (8") 12" 24"		Type of well box	EMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	13.19
Time:	1274	Time:		Actual Purge	13.5
Depth of Well	34.50	Depth to Water			
Depth to Water	12.91				

Sample

Start Purge: 1030 Sample Time: 1040

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1033	69.4	434	6.91					1
1036	69.6	427	7.00					3
1039	71.0	420	7.01					5

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/29/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-18A
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1001 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4"		
Well Box (8") 12" 24"		Type of well box	EMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge 4.20
Time:	1778	Time:		Actual Purge 5.0
Depth of Well	20.05	Depth to Water		
Depth to Water	11.23			

Sample

Start Purge 1003 Sample Time 1018

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1010	70.3	314	6.93					1
1013	70.1	320	6.90					2
1016	70.1	322	6.90					3

Sample Appearance CLEAR Lock OK

Equipment Replacement

Lock Well Cap Bolts Box

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/28/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-19A
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1130 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4"		
Well Box	(8") 12" 24"	Type of well box	EMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	4"	6"	8"
	X			
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement	Calculated Purge	4.37
Time:	1241	Time:	Actual Purge	4.5
Depth of Well	20.03	Depth to Water		
Depth to Water	10.88			

Sample

Start Purge: 1133 Sample Time: 1146

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1137	69.4	631	6.69					1
1140	69.8	628	6.94					2
1144	70.0	620	6.93					3

Sample Appearance: CLOUDY Lock: OK

Equipment Replacement

Lock	0	Well Cap	0	Bolts	0	Box	0

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/2/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-20A
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1156 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark.	
Height of Riser	4.1		
Well Box	(8") 12" 24"	Type of well box	EMCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	4.71
Time:	1746	Time:		Actual Purge	4.5
Depth of Well	70.00	Depth to Water			
Depth to Water	11.21				

Sample

Start Purge: 1158 Sample Time: 1211

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1203	72.8	560	7.20					1
1206	72.8	560	7.18					2
1209	72.9	564	7.18					3

Sample Appearance: cloudy Lock: ok

Equipment Replacement

Lock	ø	Well Cap	ø	Bolts	ø	Box	ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/28/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-21A
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	1452 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4/1		
Well Box (8") 12" 24"	Type of well box	ENCO	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	2.75
Time:	1234	Time:		Actual Purge	3.0
Depth of Well	16.00	Depth to Water			
Depth to Water	10.27				

Sample

Start Purge: 1453 Sample Time: 1505

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1457	69.1	646	6.82					1
1501	69.3	638	6.88					2
1503	69.3	639	6.93					3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/2/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	MW-22A
Signature:			

Well Box Condition/Traffic

Traffic Control	Yes (No)	Time:	1246 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4"		
Well Box	8" (12") 24"	Type of well box	Moeeeson D.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61
Initial Measurement			Recharge Measurement			Calculated Purge		4.59
Time:		1237	Time:			Actual Purge		4.5
Depth of Well		14.50	Depth to Water					
Depth to Water		9.97						

Sample

Start Purge 1248 Sample Time 1302

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1253	75.5	460	6.65					1
1256	75.6	460	6.70					3
1300	75.6	460	6.71					3

Sample Appearance Clear Lock OK

Equipment Replacement

Lock Ø Well Cap Ø Bolts Ø Box Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/29/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	GW-2A
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0914 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4"		
Well Box 8" (12") 24"		Type of well box	Morrison D.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	4"	6"	8"
Purge Vol. Multiplier	X 0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	6.81
Time	1250	Time:		Actual Purge	7.0
Depth of Well	24.5	Depth to Water			
Depth to Water	10.31				

Sample

Start Purge: 0916 Sample Time: 0923

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0920	70.0	394	6.87					1
0923	68.1	399	6.93					2
0926	68.1	400	6.98					3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock	Ø	Well Cap	Ø	Bolts	Ø	Box	Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/29/2012
Site:	760 Sabastapol Road	Project Number:	760
	Santa Rosa, CA	**Well Designation:**	GW-RSU
Signature:			

Well Box Condition/Traffic 0938

Traffic Control	(Yes) No	Time:	0938 hours
Standing water	Yes (no)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4"		
Well Box 8" (12") 24"		Type of well box	Morrison D.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	4.09
Time:	1253	Time:		Actual Purge	15.0
Depth of Well	47.5	Depth to Water			
Depth to Water	11.46				

Sample

Start Purge 0940 Sample Time 0952

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0944	68.1	530	6.70					1
0947	68.1	536	6.71					2
0950	68.1	541	6.71					3

Sample Appearance CLEAR Lock OK

Equipment Replacement

Lock Ø Well Cap Ø Bolts Ø Box Ø

Remarks:

RDM ENVIRONMENTAL
GROUND WATER LEVEL DATA

Project Address: 805 Sabastapol Road
Santa Rosa, CA

Technicians : DH/SG

Date: 8/27/2012

Project Number: 805

Well Number	Sample Order	Time	Depth to Water	Total Depth	Diameter	Depth to Product	Product Thickness	Comments
MW-3A	2	1013	12.71	20.00	2			
MW-3B	3	1009	11.16	35.00	2			
DTSC-4A	1	1005	11.73	19.70	2			
	Do not measure or sample these wells							

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 805 Sabastapol Road
Santa Rosa, CA
Signature:

Sample Data: 8/27/2012
Project Number: 805
Well Designation: DTSC-4A

Well Box Condition/Traffic

Traffic Control: Yes / No
Standing water: Yes / No
Top of well level: Yes / No
Well cap & locked: Yes / No
Height of Riser: 6"
Well Box: 8" / 12" / 24"

Time: 1310 hours
above or below casing
Remark:
Remark:
Type of well box: Boyer Inc.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	X
4" PVC Bailers		Centrifugal Pump	

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	4"	6"	8"
Purge Vol. Multiplier	X 0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement	Calculated Purge	4.06
Time:	1005	Time:	Actual Purge	4.5
Depth of Well	19.70	Depth to Water		
Depth to Water	11.23			

Sample

Start Purge: 1315
Sample Time: 1329

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1318	70.1	421	6.86					1
1322	70.3	430	6.70					2
1326	70.3	435	6.88					3

Sample Appearance: Clear
Lock: OK

Equipment Replacement

Lock: 0 Well Cap: 0 Bolts: 0 Box: 0

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 805 Sabastapol Road
Santa Rosa, CA
Signature:

Sample Data: 8/2/2012
Project Number: 805
Well Designation: MW-3T

Well Box Condition/Traffic

Traffic Control: (Yes) No
Standing water: Yes (No)
Top of well level: (Yes) No
Well cap & locked: (Yes) No
Height of Riser: 3/1
Well Box: (8") 12" 24"

Time: 1340 hours
above or below casing
Remark:
Remark:
Type of well box: RENCO

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

	2"	4"	6"	8"
Well Diameter:	X			
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		1013	Recharge Measurement		Calculated Purge	3.49
Time:			Time:		Actual Purge	3.5
Depth of Well		28.81	Depth to Water			
Depth to Water		21.71				

Sample

Start Purge: 1347
Sample Time: 1358

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1348	70.1	500	6.23					1
1353	69.9	498	6.23					2
1356	69.9	498	6.23					3

Sample Appearance: CLEAR
Lock: OK

Equipment Replacement

Lock: X Well Cap: X Bolts: X Box: X

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 805 Sabastapol Road
Santa Rosa, CA
Signature:

Sample Data: 8/7/2012
Project Number: 805
Well Designation: MW 3B

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1409 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	3"		
Well Box (8") 12" 24"		Type of well box	Pemco

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	11.44
Time:	1009	Time:		Actual Purge	11.50
Depth of Well	35.00	Depth to Water			
Depth to Water	11.16				

Sample

Start Purge: 1417 Sample Time: 1427

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1416	70.0	536	6.91					1
1420	70.0	540	6.90					2
1425	70.1	541	6.97					3

Sample Appearance: Cloudy Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

GROUND WATER LEVEL DATA

Project Address: 921 Sabastapol Road, Santa Rosa, CA

Date: 8/27/2012

Technicians : DH/SG

Project Number: 921

Well Number	Sample Order	Time	Depth to Water	Total Depth	Diameter	Depth to Product	Product Thickness	Comments
[illegible]	[illegible]	[illegible]	[illegible]	29.17	[illegible]	[illegible]	[illegible]	[illegible]
MW-2	6	1050	11.89	29.91	4			
MW-3	7	1054	11.01	29.38	4			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DTSC-10	9	1103	10.44	18.65	4			
MW-10B	5	1047	11.80	39.10	2			
MW-11	8	1059	11.38	19.87	4			
MW-12	10	1109	12.18	18.84	2			
[illegible]	[illegible]	[illegible]	[illegible]	20.40	2	[illegible]	[illegible]	[illegible]
MW-14A	4	1042	13.18	19.10	2			
MW-14B	3	1040	12.53	40.11	2			
MW-15A	2	1032	12.82	19.10	2			
MW-15B	1	1030	20.43	36.8	2			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Do not measure or sample these wells							

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/27/2012
Site:	921 Sebastapol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-2
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1440 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	5"		
Well Box	8" (12") 24"	Type of well box	Christy Box

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	X	6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	35.13
Time:	1050	Time:		Actual Purge	20.00
Depth of Well	14.91	Depth to Water			
Depth to Water	1.89				

Sample

Start Purge: 1443 Sample Time: 1502

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1448	64.1	433	6.86					1
1454	70.0	431	6.86					2
1500	70.0	430	6.86					3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/27/2012
Site:	921 Sebastapol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-3
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1617 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	Yes (No)	Remark:	
Height of Riser			
Well Box	8" 12" (24")	Type of well box	CHRISTY Box

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	X	6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	35.82
Time:	1654	Time:		Actual Purge	15.0
Depth of Well	19.38	Depth to Water			
Depth to Water	11.01				

Sample

Start Purge: 1614 Sample Time: 1634

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1619	72.0	428	6.46					1
1626	72.0	434	6.50					2
1632	72.1	434	6.51					3

Sample Appearance: CLEAR Lock: N/A

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/27/2012
Site:	921 Sebastapol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	DTSC-10
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1544 hours
Standing water	(Yes) No	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	1"		
Well Box	8" (12") 24"	Type of well box	CHRISTY BOX

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	X	6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	16.00
Time:	1103	Time:		Actual Purge	16.50
Depth of Well	18.65	Depth to Water			
Depth to Water	10.44				

Sample

Start Purge: 1546 Sample Time: 1607

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1550	71.3	389	6.50					1
1554	71.5	394	6.66					2
1600	71.9	394	6.63					3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock: Well Cap: Bolts: Box:

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/27/2012
Site:	921 Sebastapol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-10B
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	1513 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	3"		
Well Box (8") 12" 24"		Type of well box	Morrison D.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	8.29
Time:	1047	Time:		Actual Purge	9.0
Depth of Well	29.10	Depth to Water			
Depth to Water	11.81				

Sample

Start Purge: 1516 Sample Time: 1531

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1520	71.8	233	6.34					1
1524	72.1	246	6.40					2
1529	73.4	245	6.41					3

Sample Appearance: Clear Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 921 Sebastapol Road
Santa Rosa, CA
Signature:

Sample Data: 8/24/2012
Project Number: 921
Well Designation: MW-11

Well Box Condition/Traffic

Traffic Control: (Yes) No
Standing water: Yes (No)
Top of well level: (Yes) No
Well cap & locked: (Yes) No
Height of Riser: 6"
Well Box: 8" (12") 24"
Type of well box: MORRISON D.

Time: 1642 hours
above or below casing
Remark:
Remark:

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"		4"	X	6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	16.55
Time:	1059	Time:		Actual Purge	1650
Depth of Well	19.87	Depth to Water			
Depth to Water	11.35				

Sample

Start Purge: 1644
Sample Time: 1705

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1650	69.8	496	6.89					1
1657	69.8	500	6.93					2
1703	70.0	502	6.93					3

Sample Appearance: CLEAR
Lock: OK

Equipment Replacement

Lock: 6 Well Cap: 4 Bolts: 8 Box: 9

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/28/2012
Site:	921 Sebastapol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-12
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0830 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	6"		
Well Box 8" (12") 24"	Type of well box	MORDEN D.	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter: 2"	X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement	Calculated Purge	3.19
Time:	1109	Time:	Actual Purge	3.5
Depth of Well	18.64	Depth to Water		
Depth to Water	12.18			

Sample

Start Purge: 0833 Sample Time: 0845

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0837	70.3	486	7.08					1
0840	70.3	479	7.00					2
0843	70.1	479	7.23					3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/28/2012
Site:	921 Sebastapol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-15
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0918 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	1"		
Well Box (8") 12" 24"	Type of well box	Morrison D.	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"
Purge Vol. Multiplier		0.16		0.65		1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	3.01
Time:	1032	Time.		Actual Purge	3.0
Depth of Well	19.10	Depth to Water			
Depth to Water	12.82				

Sample

Start Purge: 0920 Sample Time: 0932

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0923	68.4	526	6.91					1
0926	69.0	530	6.89					2
0930	690	526	6.89					3

Sample Appearance: Cloudy Lock: OK

Equipment Replacement

Lock: B Well Cap: B Bolts: B Box: B

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/28/2012
Site:	921 Sebastapol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-15B
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0853 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	1"		
Well Box (8") 12" 24"		Type of well box	MORRISON D.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement		Calculated Purge	7.85
Time:	1030	Time:		Actual Purge	8.0
Depth of Well	36.80	Depth to Water			
Depth to Water	20.93				

Sample

Start Purge: 0855 Sample Time: 0908

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0858	70.0	666	7.01					1
0859	68.4	660	7.08					2
0906	68.4	658	7.00					3

Sample Appearance: CLEAR Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client: Redwood Oil
Site: 921 Sebastapol Road
Santa Rosa, CA
Signature:

Sample Data: 8/28/2012
Project Number: 921
Well Designation: MW-14A

Well Box Condition/Traffic

Traffic Control: (Yes) No
Standing water: Yes (No)
Top of well level: (Yes) No
Well cap & locked: (Yes) No
Height of Risers: 4"
Well Box: (8") 12" 24"

Time: 1011 hours
above or below casing
Remark:
Remark:
Type of well box: Mortesen D-

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2" X	4"	6"	8"
Purge Vol. Multiplier	0.16	0.65	1.47	2.61

Initial Measurement		Recharge Measurement	Calculated Purge	2.84
Time:	1042	Time:	Actual Purge	3.0
Depth of Well	19.10	Depth to Water		
Depth to Water	13.18			

Sample

Start Purge: 1013
Sample Time: 1022

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
1016	70.2	436	7.10					1
1019	70.2	429	7.16					2
1020	70.2	428	7.11					3

Sample Appearance: CLEAR
Lock: ok

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

RDM ENVIRONMENTAL

SAMPLE INFORMATION SHEET

Client:	Redwood Oil	Sample Data:	8/28/2012
Site:	921 Sebastapol Road	Project Number:	921
	Santa Rosa, CA	**Well Designation:**	MW-14B
Signature:			

Well Box Condition/Traffic

Traffic Control	(Yes) No	Time:	0941 hours
Standing water	Yes (No)	above or below casing	
Top of well level	(Yes) No	Remark:	
Well cap & locked	(Yes) No	Remark:	
Height of Riser	4"		
Well Box (8") 12" 24"	Type of well box	MORRISON D.	

Purging/Sampling Equipment

Purging -

2" Disposable Bailer		Submersible Pump	
2" PVC Bailer		Dedicated Bailer	
4" PVC Bailers		Centrifugal Pump	X

Sampling -

Disposable Bailer	X	Teflon Bailer		Disposable Tubing	

Well Purging

Well Diameter:	2"	X	4"		6"		8"	
Purge Vol. Multiplier		0.16		0.65		1.47		2.61

Initial Measurement		Recharge Measurement		Calculated Purge	13.23
Time:	1040	Time:		Actual Purge	13.5
Depth of Well	40.11	Depth to Water			
Depth to Water	11.53				

Sample

Start Purge: 0944 Sample Time: 1000

Time	Temperature	E.C.	pH	ORP	Turbidity			Volume
0948	68.1	304	6.64					1
0953	68.1	306	6.60					2
0958	68.2	306	6.61					3

Sample Appearance: Clear Lock: OK

Equipment Replacement

Lock: Ø Well Cap: Ø Bolts: Ø Box: Ø

Remarks:

ENCLOSURE D

Ground Water Monitoring Analytical Results

KIFF Analytical LLC

Report Number : 82456
Date : 09/10/2012

Laboratory Results

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 10 Water Samples
Project Name : 921
Project Number : 921

Dear Mr. Munsch,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 82456

Date : 09/10/2012

Project Name : **921**

Project Number : **921**

Sample : **MW-2** Matrix : Water Lab Number : 82456-01

Sample Date :08/27/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**4.2**	0.50	ug/L	EPA 8260B	09/01/12 01:40
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 01:40
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 01:40
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 01:40
Methyl-t-butyl ether (MTBE)	**12**	0.50	ug/L	EPA 8260B	09/01/12 01:40
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 01:40
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 01:40
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 01:40
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 01:40
TPH as Gasoline	**67**	50	ug/L	EPA 8260B	09/01/12 01:40
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	09/01/12 01:40
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	09/01/12 01:40
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/05/12 21:04
Octacosane (Diesel Surrogate)	100		% Recovery	M EPA 8015	09/05/12 21:04

KIFF Analytical LLC

Report Number : 82456

Date : 09/10/2012

Project Name : **921**

Project Number : **921**

Sample : **MW-3** Matrix : Water Lab Number : 82456-02

Sample Date :08/27/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**22**	0.50	ug/L	EPA 8260B	09/01/12 02:11
Toluene	**1.6**	0.50	ug/L	EPA 8260B	09/01/12 02:11
Ethylbenzene	**6.4**	0.50	ug/L	EPA 8260B	09/01/12 02:11
Total Xylenes	**8.8**	0.50	ug/L	EPA 8260B	09/01/12 02:11
Methyl-t-butyl ether (MTBE)	**18**	0.50	ug/L	EPA 8260B	09/01/12 02:11
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 02:11
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 02:11
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 02:11
Tert-Butanol	**8.8**	5.0	ug/L	EPA 8260B	09/01/12 02:11
TPH as Gasoline	**2700**	50	ug/L	EPA 8260B	09/01/12 02:11
1,2-Dichloroethane-d4 (Surr)	99.8		% Recovery	EPA 8260B	09/01/12 02:11
Toluene - d8 (Surr)	98.9		% Recovery	EPA 8260B	09/01/12 02:11
TPH as Diesel	< 800	800	ug/L	M EPA 8015	09/05/12 21:38
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	99.3		% Recovery	M EPA 8015	09/05/12 21:38

KIFF Analytical LLC

Report Number : 82456
Date : 09/10/2012

Project Name : **921**
Project Number : **921**

Sample : **DTSC-10** Matrix : Water Lab Number : 82456-03

Sample Date :08/27/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:39
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:39
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:39
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:39
Methyl-t-butyl ether (MTBE)	**0.92**	0.50	ug/L	EPA 8260B	09/01/12 03:39
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:39
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:39
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:39
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 03:39
TPH as Gasoline	**340**	50	ug/L	EPA 8260B	09/01/12 03:39
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	09/01/12 03:39
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	09/01/12 03:39
TPH as Diesel	**350**	50	ug/L	M EPA 8015	09/05/12 22:13
(Note: Some hydrocarbons lower-boiling, some higher-boiling than Diesel.)					
TPH as Diesel (Silica Gel)	**100**	50	ug/L	M EPA 8015	09/10/12 09:25
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
Octacosane (Diesel Surrogate)	99.9		% Recovery	M EPA 8015	09/05/12 22:13
Octacosane (Silica Gel Surr)	107		% Recovery	M EPA 8015	09/10/12 09:25

KIFF Analytical LLC

Report Number : 82456
Date : 09/10/2012

Project Name : **921**
Project Number : **921**

Sample : **MW-10B** Matrix : Water Lab Number : 82456-04
Sample Date :08/27/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 04:10
TPH as Gasoline	**60**	50	ug/L	EPA 8260B	09/01/12 04:10
(Note: Primarily compounds not found in typical Gasoline)					
1,2-Dichloroethane-d4 (Surr)	97.7		% Recovery	EPA 8260B	09/01/12 04:10
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	09/01/12 04:10
TPH as Diesel	**2700**	50	ug/L	M EPA 8015	09/05/12 22:47
TPH as Diesel (Silica Gel)	**430**	50	ug/L	M EPA 8015	09/10/12 09:59
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
Octacosane (Diesel Surrogate)	106		% Recovery	M EPA 8015	09/05/12 22:47
Octacosane (Silica Gel Surr)	104		% Recovery	M EPA 8015	09/10/12 09:59

KIFF Analytical LLC

Report Number : 82456

Date : 09/10/2012

Project Name : **921**

Project Number : **921**

Sample : **MW-11** Matrix : Water Lab Number : 82456-05

Sample Date :08/27/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:42
Toluene	**1.4**	0.50	ug/L	EPA 8260B	09/01/12 04:42
Ethylbenzene	**1.0**	0.50	ug/L	EPA 8260B	09/01/12 04:42
Total Xylenes	**2.1**	0.50	ug/L	EPA 8260B	09/01/12 04:42
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:42
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:42
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:42
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:42
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 04:42
TPH as Gasoline	**2200**	50	ug/L	EPA 8260B	09/01/12 04:42
1,2-Dichloroethane-d4 (Surr)	98.4		% Recovery	EPA 8260B	09/01/12 04:42
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	09/01/12 04:42
TPH as Diesel	< 500	500	ug/L	M EPA 8015	09/05/12 23:22
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	98.5		% Recovery	M EPA 8015	09/05/12 23:22

KIFF Analytical LLC

Report Number : 82456
Date : 09/10/2012

Project Name : **921**
Project Number : **921**

Sample : **MW-12** Matrix : Water Lab Number : 82456-06

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**1.1**	0.50	ug/L	EPA 8260B	09/01/12 05:13
Toluene	**1.8**	0.50	ug/L	EPA 8260B	09/01/12 05:13
Ethylbenzene	**10**	0.50	ug/L	EPA 8260B	09/01/12 05:13
Total Xylenes	**2.9**	0.50	ug/L	EPA 8260B	09/01/12 05:13
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:13
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:13
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:13
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:13
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 05:13
TPH as Gasoline	**5100**	90	ug/L	EPA 8260B	09/06/12 17:39
1,2-Dichloroethane-d4 (Surr)	99.7		% Recovery	EPA 8260B	09/01/12 05:13
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	09/01/12 05:13
TPH as Diesel	< 1500	1500	ug/L	M EPA 8015	09/05/12 23:57
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	97.1		% Recovery	M EPA 8015	09/05/12 23:57

KIFF Analytical LLC

Report Number : 82456

Date : 09/10/2012

Project Name : **921**

Project Number : **921**

Sample : **MW-15A** Matrix : Water Lab Number : 82456-07

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:45
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:45
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:45
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:45
Methyl-t-butyl ether (MTBE)	**2.0**	0.50	ug/L	EPA 8260B	09/01/12 05:45
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:45
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:45
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:45
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 05:45
TPH as Gasoline (Note: Primarily compounds not found in typical Gasoline)	**170**	50	ug/L	EPA 8260B	09/01/12 05:45
1,2-Dichloroethane-d4 (Surr)	98.9		% Recovery	EPA 8260B	09/01/12 05:45
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	09/01/12 05:45
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/06/12 07:49
Octacosane (Diesel Surrogate)	94.8		% Recovery	M EPA 8015	09/06/12 07:49

KIFF Analytical LLC

Report Number : 82456

Date : 09/10/2012

Project Name : **921**

Project Number : **921**

Sample : **MW-15B** Matrix : Water Lab Number : 82456-08

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 06:17
TPH as Gasoline (Note: Primarily compounds not found in typical Gasoline)	**85**	50	ug/L	EPA 8260B	09/01/12 06:17
1,2-Dichloroethane-d4 (Surr)	99.2		% Recovery	EPA 8260B	09/01/12 06:17
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	09/01/12 06:17
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/06/12 09:17
Octacosane (Diesel Surrogate)	84.2		% Recovery	M EPA 8015	09/06/12 09:17

KIFF Analytical LLC

Report Number : 82456

Date : 09/10/2012

Project Name : **921**

Project Number : **921**

Sample : **MW-14A** Matrix : Water Lab Number : 82456-09

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:48
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:48
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:48
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:48
Methyl-t-butyl ether (MTBE)	**9.3**	0.50	ug/L	EPA 8260B	09/01/12 06:48
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:48
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:48
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:48
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 06:48
TPH as Gasoline	**230**	50	ug/L	EPA 8260B	09/01/12 06:48
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	09/01/12 06:48
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	09/01/12 06:48
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/06/12 14:21
Octacosane (Diesel Surrogate)	99.8		% Recovery	M EPA 8015	09/06/12 14:21

KIFF Analytical LLC

Report Number : 82456

Date : 09/10/2012

Project Name : **921**

Project Number : **921**

Sample : **MW-14B** Matrix : Water Lab Number : 82456-10

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 07:20
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 07:20
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 07:20
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 07:20
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 07:20
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 07:20
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 07:20
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 07:20
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 07:20
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/01/12 07:20
1,2-Dichloroethane-d4 (Surr)	99.5		% Recovery	EPA 8260B	09/01/12 07:20
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	09/01/12 07:20
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/05/12 19:46
Octacosane (Diesel Surrogate)	94.6		% Recovery	M EPA 8015	09/05/12 19:46

Report Number : 82456

Date : 09/10/2012

QC Report : Method Blank Data

Project Name : **921**

Project Number : **921**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/05/2012
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	09/05/2012
Octacosane (Diesel Surrogate)	94.0		%	M EPA 8015	09/05/2012
Octacosane (Silica Gel Surr)	99.6		%	M EPA 8015	09/05/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/06/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	08/31/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	08/31/2012
1,2-Dichloroethane-d4 (Surr)	99.4		%	EPA 8260B	08/31/2012
Toluene - d8 (Surr)	99.1		%	EPA 8260B	08/31/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82456

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/10/2012

Project Name : **921**

Project Number : **921**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel														
	BLANK	<50	1000	1000	975	982	ug/L	M EPA 8015	9/5/12	97.5	98.2	0.677	70-130	25
Toluene														
	82467-02	<0.50	39.8	39.8	40.1	40.3	ug/L	EPA 8260B	9/6/12	101	101	0.442	80-120	25
Benzene														
	82453-04	<0.50	40.0	40.0	39.8	37.7	ug/L	EPA 8260B	8/31/12	99.4	94.3	5.33	80-120	25
Diisopropyl ether														
	82453-04	<0.50	39.5	39.5	41.0	39.5	ug/L	EPA 8260B	8/31/12	104	99.9	3.69	80-120	25
Ethyl-tert-butyl ether														
	82453-04	<0.50	39.8	39.8	44.3	42.8	ug/L	EPA 8260B	8/31/12	111	107	3.45	76.5-120	25
Ethylbenzene														
	82453-04	<0.50	40.0	40.0	40.4	37.9	ug/L	EPA 8260B	8/31/12	101	94.9	6.33	80-120	25
Methyl-t-butyl ether														
	82453-04	1.3	40.0	40.0	45.2	44.3	ug/L	EPA 8260B	8/31/12	110	108	1.97	69.7-121	25
P + M Xylene														
	82453-04	<0.50	40.0	40.0	40.8	38.4	ug/L	EPA 8260B	8/31/12	102	95.9	6.27	76.8-120	25
Tert-Butanol														
	82453-04	<5.0	202	202	198	193	ug/L	EPA 8260B	8/31/12	98.5	95.8	2.82	80-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82456

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/10/2012

Project Name : **921**

Project Number : **921**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-amyl-methyl ether														
	82453-04	<0.50	39.9	39.9	42.7	41.0	ug/L	EPA 8260B	8/31/12	107	103	4.06	78.9-120	25
Toluene														
	82453-04	<0.50	40.0	40.0	39.6	37.7	ug/L	EPA 8260B	8/31/12	99.0	94.4	4.82	80-120	25
TPH-D (Si Gel)														
	BLANK	<50	1000	1000	857	850	ug/L	M EPA 8015	9/5/12	85.7	85.0	0.786	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82456

QC Report : Laboratory Control Sample (LCS)

Date : 09/10/2012

Project Name : **921**

Project Number : **921**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	9/6/12	103	80-120
Benzene	39.9	ug/L	EPA 8260B	8/31/12	96.9	80-120
Diisopropyl ether	39.4	ug/L	EPA 8260B	8/31/12	100	80-120
Ethyl-tert-butyl ether	39.7	ug/L	EPA 8260B	8/31/12	102	76.5-120
Ethylbenzene	39.9	ug/L	EPA 8260B	8/31/12	100	80-120
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	8/31/12	96.8	69.7-121
P + M Xylene	39.9	ug/L	EPA 8260B	8/31/12	100	76.8-120
TPH as Gasoline	496	ug/L	EPA 8260B	8/31/12	105	70.0-130
Tert-Butanol	201	ug/L	EPA 8260B	8/31/12	95.7	80-120
Tert-amyl-methyl ether	39.8	ug/L	EPA 8260B	8/31/12	97.8	78.9-120
Toluene	39.9	ug/L	EPA 8260B	8/31/12	94.5	80-120

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Analysis Summary

Report Number : 82456

Date : 09/10/12

Attention : Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Project Name :921
Project Number : 921

			Sample Name	MW-2		MW-3		DTSC-10		MW-10B		MW-11		MW-12		MW-15A		MW-15B	
			Sample Date	08/27/12		08/27/12		08/27/12		08/27/12		08/27/12		08/28/12		08/28/12		08/28/12	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	**4.2**	0.50	**22**	0.50	ND	0.50	ND	0.50	ND	0.50	**1.1**	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	ND	0.50	**6.4**	0.50	ND	0.50	ND	0.50	**1.0**	0.50	**10**	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	0.50	**1.6**	0.50	ND	0.50	ND	0.50	**1.4**	0.50	**1.8**	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	ND	0.50	**8.8**	0.50	ND	0.50	ND	0.50	**2.1**	0.50	**2.9**	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	**12**	0.50	**18**	0.50	**0.92**	0.50	ND	0.50	ND	0.50	ND	0.50	**2.0**	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	5.0	**8.8**	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L		50	**67**	50	**2700**	50	**340**	50	**60**	50	**2200**	90	**5100**	50	**170**	50	**85**
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			100		99.8		100		97.7		98.4		99.7		98.9		99.2
Toluene - d8 (Surr)	EPA 8260B	%			98.2		98.9		101		101		102		101		104		103
TPH as Diesel	M EPA 8015	ug/L		50	ND	800	ND	50	**350**	50	**2700**	500	ND	1500	ND	50	ND	50	ND
TPH as Diesel (Silica Gel)	M EPA 8015	ug/L						50	**100**	50	**430**								
Octacosane (Diesel Surrogate)	M EPA 8015	%			100		99.3		99.9		106		98.5		97.1		94.8		84.2
Octacosane (Silica Gel Surr)	M EPA 8015	%							107		104								

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 82456
Date : 09/10/12

Attention : Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Project Name :921
Project Number : 921

			Sample Name	MW-14A		MW-14B
			Sample Date	08/28/12		08/28/12
Analyte	Method	Units	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	**9.3**	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L	50	**230**	50	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%		101		99.5
Toluene - d8 (Surr)	EPA 8260B	%		103		101
TPH as Diesel	M EPA 8015	ug/L	50	ND	50	ND
Octacosane (Diesel Surrogate)	M EPA 8015	%		99.8		94.6

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No: 82456

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): RICHARD MUNSEY	California EDF Report? ☐ Yes ☐ No
Company / Address: ROM ENV.	Sampling Company Log Code:
Phone Number: 916-415-1134	Global ID
Fax Number: 916-415-1154	EDF Deliverable To (Email Address):
Project #: 921 P.O. #:	Bill to: REDWOOD OIL CO.
Project Name: 921	Sampler Print Name: JOSE SANCHEZ
	Sampler Signature:

Project Address: 921 SEBASTOPOL RD SANTA ROSA CA

Analysis Request — CIRCLE METHOD

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☒ 1 wk

Sample Designation	Date	Time	Sampling	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	For Lab Use Only
MW-2	082712	1502		5					X			X				X	X	X						X							01
MW-3	082712	1634		5					X			X				X	X	X						X							02
DTSC-10	082712	1607		5					X			X				X	X	X						X							03
MW-10B	082712	1531		5					X			X				X	X	X						X							04
MW-11	082712	1705		5					X			X				X	X	X						X							05
MW-12	082712	0845		5					X			X				X	X	X						X							06
MW-13A	082812	0932		5					X			X				X	X	X						X							07
MW-15B	082812	0908		5					X			X				X	X	X						X							08
MW-14A	082812	1027		5					X			X				X	X	X						X							09
MW-14B	082812	1000		5					X			X				X	X	X						X							10

Relinquished by:	Date: 083012	Time:	Received by:	
Relinquished by:	Date:	Time:	Received by:	
Relinquished by:	Date: 083012	Time: 1555	Received by Laboratory:	Kiff Analytical

Remarks: STAT, CLEAN UP W/ SILICA GEL IF DIESEL DETECTED
EMAIL RESULTS TO JOHN MONTNEY, ROM. QM SAMPLES.

Distribution: White - Lab Pink - Originator
Rev: 060405

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: LJR Initials

SRG#: 82456 Date: 083012

Project ID: 921

Method of Receipt: ☐ Courier ☒ Over-the-counter ☐ Shipper

Shipping Only: ☐ FedEx * ☐ OnTrac * ☐ Greyhound ☐ Other *Service level if not Priority or Sunrise (M-F): _____

COC Inspection

Is COC present?	☒ Yes	☐ No		
Custody seals on shipping container?	☐ Intact	☐ Broken	☐ Not present	☒ N/A
Is COC Signed by Relinquisher?	☒ Yes ☐ No	Dated?	☒ Yes	☐ No
Is sampler name legibly indicated on COC?			☒ Yes	☐ No
Is analysis or hold requested for all samples?			☒ Yes	☐ No
Is the turnaround time indicated on COC?			☒ Yes	☐ No
Is COC free of whiteout and uninitialed cross-outs? LJR 083012			☒ Yes	☐ No, Whiteout ☒ No, Cross-outs

Sample Inspection

Coolant Present: 2.4 ☒ Yes ☐ No (includes water) Temperature °C 2.4 Therm. ID# IR-3 Initial LJR Date/Time 083012 / 1541 ☐ N/A

Are there custody seals on sample containers?	☐ Intact	☐ Broken	☒ Not present	
Do containers match COC?	☒ Yes ☐ No ☐ No, COC lists absent sample(s)		☐ No, Extra sample(s) present	
Are there samples matrices other than soil, water, air or carbon?	☐ Yes	☒ No		
Are any sample containers broken, leaking or damaged?	☐ Yes	☒ No		
Are preservatives indicated?	☐ Yes, on sample containers	☒ Yes, on COC	☐ Not indicated	☐ N/A
Are preservatives correct for analyses requested?	☒ Yes	☐ No		☐ N/A
Are samples within holding time for analyses requested?	☒ Yes	☐ No		
Are the correct sample containers used for the analyses requested?	☒ Yes	☐ No		
Is there sufficient sample to perform testing?	☒ Yes	☐ No		
Does any sample contain product, have strong odor or are otherwise suspected to be hot?			☐ Yes	☒ No

Receipt Details

Matrix WA	Container type VOA	# of containers received 50
Matrix _____	Container type _____	# of containers received _____
Matrix _____	Container type _____	# of containers received _____

Date and Time Sample Put into Temp Storage Date: 083012 Time: 1555

Quicklog

Are the Sample ID's indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If Sample ID's are listed on both COC and containers, do they all match?	☒ Yes	☐ No		☐ N/A
Is the Project ID indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If project ID is listed on both COC and containers, do they all match?	☒ Yes	☐ No		☐ N/A
Are the sample collection dates indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection dates are listed on both COC and containers, do they all match?	☒ Yes	☐ No		☐ N/A
Are the sample collection times indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection times are listed on both COC and containers, do they all match?	☒ Yes	☐ No		☐ N/A

COMMENTS:

KIFF Analytical LLC

Report Number : 82455
Date : 09/07/2012

Laboratory Results

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 3 Water Samples
Project Name : 805
Project Number : 805

Dear Mr. Munsch,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 82455

Date : 09/07/2012

Project Name : **805**

Project Number : **805**

Sample : **DTSC-4A** Matrix : Water Lab Number : 82455-01

Sample Date :08/27/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 22:53
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 22:53
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 22:53
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 22:53
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 22:53
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 22:53
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 22:53
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 22:53
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/04/12 22:53
TPH as Gasoline	**460**	50	ug/L	EPA 8260B	09/04/12 22:53
1,2-Dichloroethane-d4 (Surr)	98.0		% Recovery	EPA 8260B	09/04/12 22:53
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	09/04/12 22:53
TPH as Diesel	< 400	400	ug/L	M EPA 8015	09/06/12 00:24
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	105		% Recovery	M EPA 8015	09/06/12 00:24

KIFF Analytical LLC

Report Number : 82455

Date : 09/07/2012

Project Name : **805**

Project Number : **805**

Sample : **MW-3A** Matrix : Water Lab Number : 82455-02

Sample Date :08/27/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 14:29
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 14:29
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 14:29
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 14:29
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 14:29
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 14:29
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 14:29
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 14:29
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/04/12 14:29
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/04/12 14:29
1,2-Dichloroethane-d4 (Surr)	99.6		% Recovery	EPA 8260B	09/04/12 14:29
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	09/04/12 14:29
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/07/12 13:14
Octacosane (Diesel Surrogate)	87.2		% Recovery	M EPA 8015	09/07/12 13:14

KIFF Analytical LLC

Report Number : 82455
Date : 09/07/2012

Project Name : **805**
Project Number : **805**

Sample : **MW-3B** Matrix : Water Lab Number : 82455-03

Sample Date :08/27/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:01
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:01
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:01
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:01
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:01
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:01
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:01
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:01
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/04/12 15:01
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/04/12 15:01
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	09/04/12 15:01
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	09/04/12 15:01
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/05/12 16:18
Octacosane (Diesel Surrogate)	95.7		% Recovery	M EPA 8015	09/05/12 16:18

Report Number : 82455

Date : 09/07/2012

QC Report : Method Blank Data

Project Name : **805**

Project Number : **805**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/05/2012
Octacosane (Diesel Surrogate)	87.9		%	M EPA 8015	09/05/2012
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/07/2012
Octacosane (Diesel Surrogate)	96.5		%	M EPA 8015	09/07/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/04/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/04/2012
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	09/04/2012
Toluene - d8 (Surr)	102		%	EPA 8260B	09/04/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/04/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/04/2012
1,2-Dichloroethane-d4 (Surr)	98.1		%	EPA 8260B	09/04/2012
Toluene - d8 (Surr)	99.3		%	EPA 8260B	09/04/2012

Report Number : 82455

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/07/2012

Project Name : **805**

Project Number : **805**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel														
	BLANK	<50	1000	1000	1030	1000	ug/L	M EPA 8015	9/5/12	103	100	2.84	70-130	25
TPH as Diesel														
	BLANK	<50	1000	1000	1030	1040	ug/L	M EPA 8015	9/7/12	103	104	0.769	70-130	25
Benzene														
	82442-01	<0.50	40.0	40.0	38.9	37.9	ug/L	EPA 8260B	9/4/12	97.3	94.8	2.68	80-120	25
Diisopropyl ether														
	82442-01	<0.50	39.5	39.5	39.8	39.2	ug/L	EPA 8260B	9/4/12	101	99.1	1.68	80-120	25
Ethyl-tert-butyl ether														
	82442-01	<0.50	39.8	39.8	40.5	40.0	ug/L	EPA 8260B	9/4/12	102	100	1.25	76.5-120	25
Ethylbenzene														
	82442-01	<0.50	40.0	40.0	39.6	38.2	ug/L	EPA 8260B	9/4/12	98.9	95.6	3.40	80-120	25
Methyl-t-butyl ether														
	82442-01	<0.50	40.0	40.0	37.9	38.1	ug/L	EPA 8260B	9/4/12	94.8	95.2	0.420	69.7-121	25
P + M Xylene														
	82442-01	<0.50	40.0	40.0	39.5	38.5	ug/L	EPA 8260B	9/4/12	98.8	96.2	2.72	76.8-120	25
Tert-Butanol														
	82442-01	<5.0	202	202	191	192	ug/L	EPA 8260B	9/4/12	94.9	95.3	0.424	80-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82455

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/07/2012

Project Name : **805**

Project Number : **805**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-amyl-methyl ether														
	82442-01	<0.50	39.9	39.9	38.8	39.5	ug/L	EPA 8260B	9/4/12	97.3	98.8	1.55	78.9-120	25
Toluene														
	82442-01	<0.50	40.0	40.0	39.4	38.6	ug/L	EPA 8260B	9/4/12	98.5	96.5	2.01	80-120	25
Benzene														
	82470-03	<0.50	40.0	40.0	39.3	37.7	ug/L	EPA 8260B	9/4/12	98.4	94.2	4.28	80-120	25
Diisopropyl ether														
	82470-03	<0.50	39.5	39.5	40.1	39.3	ug/L	EPA 8260B	9/4/12	101	99.3	2.10	80-120	25
Ethyl-tert-butyl ether														
	82470-03	<0.50	39.8	39.8	43.9	43.2	ug/L	EPA 8260B	9/4/12	110	108	1.51	76.5-120	25
Ethylbenzene														
	82470-03	<0.50	40.0	40.0	41.2	39.3	ug/L	EPA 8260B	9/4/12	103	98.2	4.72	80-120	25
Methyl-t-butyl ether														
	82470-03	<0.50	40.0	40.0	40.2	39.9	ug/L	EPA 8260B	9/4/12	100	99.7	0.661	69.7-121	25
P + M Xylene														
	82470-03	<0.50	40.0	40.0	42.6	40.8	ug/L	EPA 8260B	9/4/12	107	102	4.34	76.8-120	25
Tert-Butanol														
	82470-03	<5.0	202	202	192	191	ug/L	EPA 8260B	9/4/12	95.3	94.7	0.590	80-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82455

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/07/2012

Project Name : **805**

Project Number : **805**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-amyl-methyl ether														
	82470-03	<0.50	39.9	39.9	42.1	42.0	ug/L	EPA 8260B	9/4/12	105	105	0.258	78.9-120	25
Toluene														
	82470-03	<0.50	40.0	40.0	39.2	37.7	ug/L	EPA 8260B	9/4/12	98.1	94.3	4.01	80-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82455

QC Report : Laboratory Control Sample (LCS)

Date : 09/07/2012

Project Name : **805**

Project Number : **805**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	39.9	ug/L	EPA 8260B	9/4/12	97.4	80-120
Diisopropyl ether	39.4	ug/L	EPA 8260B	9/4/12	100	80-120
Ethyl-tert-butyl ether	39.7	ug/L	EPA 8260B	9/4/12	102	76.5-120
Ethylbenzene	39.9	ug/L	EPA 8260B	9/4/12	98.0	80-120
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	9/4/12	99.0	69.7-121
P + M Xylene	39.9	ug/L	EPA 8260B	9/4/12	98.1	76.8-120
TPH as Gasoline	497	ug/L	EPA 8260B	9/4/12	99.2	70.0-130
Tert-Butanol	201	ug/L	EPA 8260B	9/4/12	95.8	80-120
Tert-amyl-methyl ether	39.8	ug/L	EPA 8260B	9/4/12	101	78.9-120
Toluene	39.9	ug/L	EPA 8260B	9/4/12	101	80-120
Benzene	40.2	ug/L	EPA 8260B	9/4/12	97.5	80-120
Diisopropyl ether	39.7	ug/L	EPA 8260B	9/4/12	101	80-120
Ethyl-tert-butyl ether	40.0	ug/L	EPA 8260B	9/4/12	110	76.5-120
Ethylbenzene	40.2	ug/L	EPA 8260B	9/4/12	102	80-120
Methyl-t-butyl ether	40.2	ug/L	EPA 8260B	9/4/12	99.4	69.7-121
P + M Xylene	40.2	ug/L	EPA 8260B	9/4/12	106	76.8-120
TPH as Gasoline	501	ug/L	EPA 8260B	9/4/12	89.3	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	9/4/12	95.2	80-120
Tert-amyl-methyl ether	40.1	ug/L	EPA 8260B	9/4/12	106	78.9-120
Toluene	40.2	ug/L	EPA 8260B	9/4/12	98.1	80-120

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Analysis Summary

Report Number : 82455
Date : 09/07/12

Attention : Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Project Name :805
Project Number : 805

			Sample Name	DTSC-4A	MW-3A		MW-3B	
			Sample Date	08/27/12	08/27/12		08/27/12	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L	50	**460**	50	ND	50	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%		98.0		99.6		100
Toluene - d8 (Surr)	EPA 8260B	%		99.1		104		102
TPH as Diesel	M EPA 8015	ug/L	400	ND	50	ND	50	ND
Octacosane (Diesel Surrogate)	M EPA 8015	%		105		87.2		95.7

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 82455

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): RICHARD MUNSCH
Company / Address: KDM ENV.
Phone Number: 916.415.1134
Fax Number: 916.415.1164
Project #: 805 P.O. #:
Project Name: 805
California EDF Report? ☐ Yes ☐ No
Sampling Company Log Code:
Global ID
EDF Deliverable To (Email Address):
Bill To: REDWOOD OIL CO.
Sampler Print Name: JOSE SANCHEZ
Sampler Signature:

Project Address: 805 SEBASTOPOL RD SANTA ROSA CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	For Lab Use Only
DTSC-4A	083012	1324	5					X			X				X	X	X						X							01
MW-3A	083012	1352	5					X			X				X	X	X						X							02
MW-3B	083012	1412	5					X			X				X	X	X						X							03

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☒ 1 wk

CIRCLE METHOD

Relinquished by:	Date	Time	Received by:
	083012		
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	083012	1555	Kiff Analytical

Remarks: STAT, CLEAN UP W/ SILICA GEL IF DIESEL DETECTED

EMAIL COPY TO JOHN HONTALAS RDM, QM SAMPLES

Page 11 of 12

Distribution: White - Lab; Pink - Originator
Rev 060405

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER LJ 8C Initials

SRG#: 62455 Date: 083012

Project ID: 805

Method of Receipt: ☐ Courier ☒ Over-the-counter ☐ Shipper

Shipping Only: ☐ FedEx * ☐ OnTrac * ☐ Greyhound ☐ Other *Service level if not Priority or Sunrise (M-F). _____

COC Inspection

Is COC present?	☒ Yes	☐ No		
Custody seals on shipping container?	☐ Intact	☐ Broken	☐ Not present	☒ N/A
Is COC Signed by Relinquisher?	☒ Yes ☐ No	Dated?	☒ Yes	☐ No
Is sampler name legibly indicated on COC?			☒ Yes	☐ No
Is analysis or hold requested for all samples?			☒ Yes	☐ No
Is the turnaround time indicated on COC?			☒ Yes	☐ No
Is COC free of whiteout and uninitialed cross-outs?			☒ Yes	☐ No, Whiteout ☐ No, Cross-outs

Sample Inspection

Coolant Present: ☒ Yes ☐ No (includes water)

Temperature °C 2.4 Therm. ID# IR-3 Initial LJ 8C Date/Time 083012/ 1541 ☐ N/A

Are there custody seals on sample containers?	☐ Intact	☐ Broken	☒ Not present	
Do containers match COC?	☒ Yes ☐ No	☐ No, COC lists absent sample(s)	☐ No, Extra sample(s) present	
Are there samples matrices other than soil, water, air or carbon?	☐ Yes	☒ No		
Are any sample containers broken, leaking or damaged?	☐ Yes	☒ No		
Are preservatives indicated?	☐ Yes, on sample containers	☒ Yes, on COC	☐ Not indicated	☐ N/A
Are preservatives correct for analyses requested?	☒ Yes	☐ No	☐ N/A	
Are samples within holding time for analyses requested?	☒ Yes	☐ No		
Are the correct sample containers used for the analyses requested?	☒ Yes	☐ No		
Is there sufficient sample to perform testing?	☒ Yes	☐ No		

Does any sample contain product, have strong odor or are otherwise suspected to be hot? ☐ Yes ☒ No

Receipt Details

Matrix WA	Container type VOA	# of containers received 15
Matrix _____	Container type _____	# of containers received _____
Matrix _____	Container type _____	# of containers received _____

Date and Time Sample Put into Temp Storage Date: 083012 Time: 1555

Quicklog

Are the Sample ID's indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If Sample ID's are listed on both COC and containers, do they all match?	☒ Yes	☐ No		☐ N/A
Is the Project ID indicated:	☒ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If project ID is listed on both COC and containers, do they all match?	☒ Yes	☐ No		☒ N/A
Are the sample collection dates indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection dates are listed on both COC and containers, do they all match?	☒ Yes	☐ No		☐ N/A
Are the sample collection times indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection times are listed on both COC and containers, do they all match?	☒ Yes	☐ No		☐ N/A

COMMENTS: Bubble in -02 (VOA 5 of 5). LJ 8C 083012-1737

O:\old_ed\samprec\Forms\Sample Receipt Checklist rev 072412.doc

Report Number : 82453
Date : 09/07/2012

Laboratory Results

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 23 Water Samples
Project Name : 760
Project Number : 760

Dear Mr. Munsch,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Subject : 23 Water Samples
Project Name : 760
Project Number : 760

Case Narrative

Matrix Spike/Matrix Spike Duplicate results associated with samples GW-2A and GW-2BV for the analyte Ethylbenzene were affected by the analyte concentrations already present in the un-spiked sample.

KIFF Analytical LLC

Report Number : 82453

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Sample : **MW-1** Matrix : Water Lab Number : 82453-01

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:14
Toluene	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:14
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:14
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:14
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:14
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:14
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:14
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:14
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	08/31/12 21:14
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	08/31/12 21:14
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	08/31/12 21:14
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	08/31/12 21:14
TPH as Diesel	< 50	50	ug/L	M EPA 8015	08/31/12 19:20
Octacosane (Diesel Surrogate)	87.0		% Recovery	M EPA 8015	08/31/12 19:20

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-2** Matrix : Water Lab Number : 82453-02

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:15
Toluene	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:15
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:15
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:15
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:15
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:15
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:15
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:15
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	08/31/12 21:15
TPH as Gasoline	**82**	50	ug/L	EPA 8260B	08/31/12 21:15
1,2-Dichloroethane-d4 (Surr)	98.0		% Recovery	EPA 8260B	08/31/12 21:15
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	08/31/12 21:15
TPH as Diesel	< 80	80	ug/L	M EPA 8015	08/31/12 19:49
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	85.5		% Recovery	M EPA 8015	08/31/12 19:49

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-3** Matrix : Water Lab Number : 82453-03

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**19**	2.0	ug/L	EPA 8260B	09/06/12 16:31
Toluene	**4.9**	2.0	ug/L	EPA 8260B	09/06/12 16:31
Ethylbenzene	**59**	2.0	ug/L	EPA 8260B	09/06/12 16:31
Total Xylenes	**15**	2.0	ug/L	EPA 8260B	09/06/12 16:31
Methyl-t-butyl ether (MTBE)	< 2.0	2.0	ug/L	EPA 8260B	09/06/12 16:31
Diisopropyl ether (DIPE)	< 2.0	2.0	ug/L	EPA 8260B	09/06/12 16:31
Ethyl-t-butyl ether (ETBE)	< 2.0	2.0	ug/L	EPA 8260B	09/06/12 16:31
Tert-amyl methyl ether (TAME)	< 2.0	2.0	ug/L	EPA 8260B	09/06/12 16:31
Tert-Butanol	< 9.0	9.0	ug/L	EPA 8260B	09/06/12 16:31
TPH as Gasoline	**9200**	200	ug/L	EPA 8260B	09/06/12 16:31
1,2-Dichloroethane-d4 (Surr)	93.5		% Recovery	EPA 8260B	09/06/12 16:31
Toluene - d8 (Surr)	96.2		% Recovery	EPA 8260B	09/06/12 16:31
TPH as Diesel	< 4000	4000	ug/L	M EPA 8015	08/31/12 20:19
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	79.3		% Recovery	M EPA 8015	08/31/12 20:19

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-3B** Matrix : Water Lab Number : 82453-04

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:28
Toluene	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:28
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:28
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:28
Methyl-t-butyl ether (MTBE)	**1.3**	0.50	ug/L	EPA 8260B	08/31/12 21:28
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:28
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:28
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	08/31/12 21:28
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	08/31/12 21:28
TPH as Gasoline	**55**	50	ug/L	EPA 8260B	08/31/12 21:28
1,2-Dichloroethane-d4 (Surr)	99.3		% Recovery	EPA 8260B	08/31/12 21:28
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	08/31/12 21:28
TPH as Diesel	**150**	50	ug/L	M EPA 8015	08/31/12 20:48
(Note: Discrete peaks in Diesel range, atypical for Diesel Fuel.)					
Octacosane (Diesel Surrogate)	92.2		% Recovery	M EPA 8015	08/31/12 20:48

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-6** Matrix : Water Lab Number : 82453-05

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**110**	0.50	ug/L	EPA 8260B	09/01/12 03:01
Toluene	**1.7**	0.50	ug/L	EPA 8260B	09/01/12 03:01
Ethylbenzene	**6.9**	0.50	ug/L	EPA 8260B	09/01/12 03:01
Total Xylenes	**2.3**	0.50	ug/L	EPA 8260B	09/01/12 03:01
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:01
Diisopropyl ether (DIPE)	**2.8**	0.50	ug/L	EPA 8260B	09/01/12 03:01
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:01
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:01
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 03:01
TPH as Gasoline	**790**	50	ug/L	EPA 8260B	09/01/12 03:01
1,2-Dichloroethane-d4 (Surr)	98.0		% Recovery	EPA 8260B	09/01/12 03:01
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	09/01/12 03:01
TPH as Diesel	**290**	50	ug/L	M EPA 8015	08/31/12 21:18
(Note: Some hydrocarbons lower-boiling, some higher-boiling than Diesel.)					
Octacosane (Diesel Surrogate)	88.9		% Recovery	M EPA 8015	08/31/12 21:18

KIFF Analytical LLC

Report Number : 82453

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Sample : **DTSC-7** Matrix : Water Lab Number : 82453-06

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**3.0**	0.50	ug/L	EPA 8260B	09/01/12 03:35
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Methyl-t-butyl ether (MTBE)	**3.1**	0.50	ug/L	EPA 8260B	09/01/12 03:35
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 03:35
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/01/12 03:35
1,2-Dichloroethane-d4 (Surr)	98.4		% Recovery	EPA 8260B	09/01/12 03:35
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	09/01/12 03:35
TPH as Diesel	**54**	50	ug/L	M EPA 8015	08/31/12 21:47
Octacosane (Diesel Surrogate)	89.9		% Recovery	M EPA 8015	08/31/12 21:47

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-9** Matrix : Water Lab Number : 82453-07

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**40**	0.50	ug/L	EPA 8260B	09/01/12 04:10
Toluene	**1.3**	0.50	ug/L	EPA 8260B	09/01/12 04:10
Ethylbenzene	**1.1**	0.50	ug/L	EPA 8260B	09/01/12 04:10
Total Xylenes	**3.8**	0.50	ug/L	EPA 8260B	09/01/12 04:10
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:10
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 04:10
TPH as Gasoline	**2100**	50	ug/L	EPA 8260B	09/01/12 04:10
1,2-Dichloroethane-d4 (Surr)	97.0		% Recovery	EPA 8260B	09/01/12 04:10
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	09/01/12 04:10
TPH as Diesel	< 500	500	ug/L	M EPA 8015	09/01/12 00:13
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	85.3		% Recovery	M EPA 8015	09/01/12 00:13

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-10** Matrix : Water Lab Number : 82453-08

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:44
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:44
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:44
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:44
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:44
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:44
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:44
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:44
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 04:44
TPH as Gasoline	**1700**	50	ug/L	EPA 8260B	09/01/12 04:44
1,2-Dichloroethane-d4 (Surr)	97.0		% Recovery	EPA 8260B	09/01/12 04:44
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	09/01/12 04:44
TPH as Diesel	< 400	400	ug/L	M EPA 8015	09/01/12 00:42
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	94.0		% Recovery	M EPA 8015	09/01/12 00:42

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-11** Matrix : Water Lab Number : 82453-09

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**120**	0.50	ug/L	EPA 8260B	09/01/12 05:19
Toluene	**9.4**	0.50	ug/L	EPA 8260B	09/01/12 05:19
Ethylbenzene	**29**	0.50	ug/L	EPA 8260B	09/01/12 05:19
Total Xylenes	**21**	0.50	ug/L	EPA 8260B	09/01/12 05:19
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:19
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:19
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:19
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:19
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 05:19
TPH as Gasoline	**6800**	90	ug/L	EPA 8260B	09/06/12 15:02
1,2-Dichloroethane-d4 (Surr)	94.6		% Recovery	EPA 8260B	09/01/12 05:19
Toluene - d8 (Surr)	95.0		% Recovery	EPA 8260B	09/01/12 05:19
TPH as Diesel	< 2000	2000	ug/L	M EPA 8015	09/01/12 01:12
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	86.5		% Recovery	M EPA 8015	09/01/12 01:12

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-12** Matrix : Water Lab Number : 82453-10

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**100**	0.90	ug/L	EPA 8260B	09/06/12 15:39
Toluene	**10**	0.90	ug/L	EPA 8260B	09/06/12 15:39
Ethylbenzene	**50**	0.90	ug/L	EPA 8260B	09/06/12 15:39
Total Xylenes	**16**	0.90	ug/L	EPA 8260B	09/06/12 15:39
Methyl-t-butyl ether (MTBE)	< 0.90	0.90	ug/L	EPA 8260B	09/06/12 15:39
Diisopropyl ether (DIPE)	< 0.90	0.90	ug/L	EPA 8260B	09/06/12 15:39
Ethyl-t-butyl ether (ETBE)	< 0.90	0.90	ug/L	EPA 8260B	09/06/12 15:39
Tert-amyl methyl ether (TAME)	< 0.90	0.90	ug/L	EPA 8260B	09/06/12 15:39
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/06/12 15:39
TPH as Gasoline	**9900**	150	ug/L	EPA 8260B	09/07/12 10:40
1,2-Dichloroethane-d4 (Surr)	98.1		% Recovery	EPA 8260B	09/06/12 15:39
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	09/06/12 15:39
TPH as Diesel	< 4000	4000	ug/L	M EPA 8015	09/01/12 01:41
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	93.3		% Recovery	M EPA 8015	09/01/12 01:41

KIFF Analytical LLC

Report Number : 82453

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Sample : **MW-12B** Matrix : Water Lab Number : 82453-11

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:53
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:53
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:53
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:53
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:53
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:53
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:53
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:53
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 05:53
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/01/12 05:53
1,2-Dichloroethane-d4 (Surr)	97.6		% Recovery	EPA 8260B	09/01/12 05:53
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	09/01/12 05:53
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/01/12 02:10
Octacosane (Diesel Surrogate)	98.0		% Recovery	M EPA 8015	09/01/12 02:10

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-13B** Matrix : Water Lab Number : 82453-12

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Methyl-t-butyl ether (MTBE)	**1.0**	0.50	ug/L	EPA 8260B	09/01/12 06:17
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 06:17
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 06:17
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/01/12 06:17
1,2-Dichloroethane-d4 (Surr)	99.7		% Recovery	EPA 8260B	09/01/12 06:17
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	09/01/12 06:17
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/01/12 02:39
Octacosane (Diesel Surrogate)	90.6		% Recovery	M EPA 8015	09/01/12 02:39

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-16A** Matrix : Water Lab Number : 82453-13

Sample Date :08/29/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**64**	0.90	ug/L	EPA 8260B	09/06/12 16:19
Toluene	**4.1**	0.90	ug/L	EPA 8260B	09/06/12 16:19
Ethylbenzene	**28**	0.90	ug/L	EPA 8260B	09/06/12 16:19
Total Xylenes	**4.0**	0.90	ug/L	EPA 8260B	09/06/12 16:19
Methyl-t-butyl ether (MTBE)	< 0.90	0.90	ug/L	EPA 8260B	09/06/12 16:19
Diisopropyl ether (DIPE)	< 0.90	0.90	ug/L	EPA 8260B	09/06/12 16:19
Ethyl-t-butyl ether (ETBE)	< 0.90	0.90	ug/L	EPA 8260B	09/06/12 16:19
Tert-amyl methyl ether (TAME)	< 0.90	0.90	ug/L	EPA 8260B	09/06/12 16:19
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/06/12 16:19
TPH as Gasoline	**5400**	90	ug/L	EPA 8260B	09/06/12 16:19
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	09/06/12 16:19
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	09/06/12 16:19
TPH as Diesel	< 2000	2000	ug/L	M EPA 8015	09/05/12 21:50
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	89.2		% Recovery	M EPA 8015	09/05/12 21:50

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-16B** Matrix : Water Lab Number : 82453-14

Sample Date :08/29/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Methyl-t-butyl ether (MTBE)	**0.62**	0.50	ug/L	EPA 8260B	09/01/12 03:35
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 03:35
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 03:35
TPH as Gasoline	**140**	50	ug/L	EPA 8260B	09/01/12 03:35
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	09/01/12 03:35
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	09/01/12 03:35
TPH as Diesel	< 100	100	ug/L	M EPA 8015	09/01/12 03:38
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	93.0		% Recovery	M EPA 8015	09/01/12 03:38

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-17A** Matrix : Water Lab Number : 82453-15

Sample Date :08/29/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**5.7**	0.50	ug/L	EPA 8260B	09/01/12 04:07
Toluene	**0.61**	0.50	ug/L	EPA 8260B	09/01/12 04:07
Ethylbenzene	**0.76**	0.50	ug/L	EPA 8260B	09/01/12 04:07
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:07
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:07
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:07
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:07
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:07
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 04:07
TPH as Gasoline	**1800**	50	ug/L	EPA 8260B	09/01/12 04:07
1,2-Dichloroethane-d4 (Surr)	99.4		% Recovery	EPA 8260B	09/01/12 04:07
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	09/01/12 04:07
TPH as Diesel	< 1000	1000	ug/L	M EPA 8015	09/01/12 04:07
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	94.5		% Recovery	M EPA 8015	09/01/12 04:07

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-17B** Matrix : Water Lab Number : 82453-16

Sample Date :08/29/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:40
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:40
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:40
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:40
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:40
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:40
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:40
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 04:40
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 04:40
TPH as Gasoline	**66**	50	ug/L	EPA 8260B	09/01/12 04:40
(Note: Primarily compounds not found in typical Gasoline)					
1,2-Dichloroethane-d4 (Surr)	98.9		% Recovery	EPA 8260B	09/01/12 04:40
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	09/01/12 04:40
TPH as Diesel	**95**	50	ug/L	M EPA 8015	09/01/12 04:36
(Note: Discrete peaks in Diesel range, atypical for Diesel Fuel.)					
Octacosane (Diesel Surrogate)	94.3		% Recovery	M EPA 8015	09/01/12 04:36

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-18A** Matrix : Water Lab Number : 82453-17

Sample Date :08/29/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**11**	0.50	ug/L	EPA 8260B	09/01/12 05:12
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:12
Ethylbenzene	**7.1**	0.50	ug/L	EPA 8260B	09/01/12 05:12
Total Xylenes	**3.2**	0.50	ug/L	EPA 8260B	09/01/12 05:12
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:12
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:12
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:12
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:12
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 05:12
TPH as Gasoline	**3300**	50	ug/L	EPA 8260B	09/01/12 05:12
1,2-Dichloroethane-d4 (Surr)	98.4		% Recovery	EPA 8260B	09/01/12 05:12
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	09/01/12 05:12
TPH as Diesel	< 1500	1500	ug/L	M EPA 8015	09/01/12 05:06
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	92.2		% Recovery	M EPA 8015	09/01/12 05:06

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-19A** Matrix : Water Lab Number : 82453-18

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**0.88**	0.50	ug/L	EPA 8260B	09/01/12 05:45
Toluene	**1.8**	0.50	ug/L	EPA 8260B	09/01/12 05:45
Ethylbenzene	**6.1**	0.50	ug/L	EPA 8260B	09/01/12 05:45
Total Xylenes	**2.9**	0.50	ug/L	EPA 8260B	09/01/12 05:45
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:45
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:45
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:45
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/01/12 05:45
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/01/12 05:45
TPH as Gasoline	**2200**	50	ug/L	EPA 8260B	09/01/12 05:45
1,2-Dichloroethane-d4 (Surr)	95.8		% Recovery	EPA 8260B	09/01/12 05:45
Toluene - d8 (Surr)	97.1		% Recovery	EPA 8260B	09/01/12 05:45
TPH as Diesel	< 400	400	ug/L	M EPA 8015	09/01/12 05:35
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	81.8		% Recovery	M EPA 8015	09/01/12 05:35

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-20A** Matrix : Water Lab Number : 82453-19

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 11:20
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 11:20
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 11:20
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 11:20
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 11:20
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 11:20
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 11:20
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 11:20
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/05/12 11:20
TPH as Gasoline	**410**	50	ug/L	EPA 8260B	09/05/12 11:20
1,2-Dichloroethane-d4 (Surr)	99.8		% Recovery	EPA 8260B	09/05/12 11:20
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	09/05/12 11:20
TPH as Diesel	< 300	300	ug/L	M EPA 8015	09/01/12 06:04
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	70.6		% Recovery	M EPA 8015	09/01/12 06:04

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-21A** Matrix : Water Lab Number : 82453-20

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**83**	0.50	ug/L	EPA 8260B	09/05/12 13:12
Toluene	**6.0**	0.50	ug/L	EPA 8260B	09/05/12 13:12
Ethylbenzene	**400**	0.50	ug/L	EPA 8260B	09/05/12 13:12
Total Xylenes	**490**	2.0	ug/L	EPA 8260B	09/06/12 21:59
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 13:12
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 13:12
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 13:12
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/05/12 13:12
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/05/12 13:12
TPH as Gasoline	**6500**	200	ug/L	EPA 8260B	09/06/12 21:59
1,2-Dichloroethane-d4 (Surr)	98.7		% Recovery	EPA 8260B	09/05/12 13:12
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	09/05/12 13:12
TPH as Diesel	< 2000	2000	ug/L	M EPA 8015	09/01/12 06:33
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	78.4		% Recovery	M EPA 8015	09/01/12 06:33

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **MW-22A** Matrix : Water Lab Number : 82453-21

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**12**	0.50	ug/L	EPA 8260B	09/07/12 10:02
Toluene	**0.52**	0.50	ug/L	EPA 8260B	09/07/12 10:02
Ethylbenzene	**9.5**	0.50	ug/L	EPA 8260B	09/07/12 10:02
Total Xylenes	**39**	0.50	ug/L	EPA 8260B	09/07/12 10:02
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/07/12 10:02
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/07/12 10:02
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/07/12 10:02
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/07/12 10:02
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/07/12 10:02
TPH as Gasoline	**2700**	50	ug/L	EPA 8260B	09/07/12 10:02
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	09/07/12 10:02
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	09/07/12 10:02
TPH as Diesel	< 1500	1500	ug/L	M EPA 8015	09/01/12 07:02
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	98.8		% Recovery	M EPA 8015	09/01/12 07:02

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **GW-2A** Matrix : Water Lab Number : 82453-22

Sample Date :08/28/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:15
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:15
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:15
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:15
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:15
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:15
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:15
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:15
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/04/12 15:15
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/04/12 15:15
1,2-Dichloroethane-d4 (Surr)	98.8		% Recovery	EPA 8260B	09/04/12 15:15
Toluene - d8 (Surr)	99.7		% Recovery	EPA 8260B	09/04/12 15:15
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/05/12 21:21
Octacosane (Diesel Surrogate)	90.6		% Recovery	M EPA 8015	09/05/12 21:21

KIFF Analytical LLC

Report Number : 82453
Date : 09/07/2012

Project Name : **760**
Project Number : **760**

Sample : **GW-2BV** Matrix : Water Lab Number : 82453-23

Sample Date :08/29/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:49
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:49
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:49
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:49
Methyl-t-butyl ether (MTBE)	**1.5**	0.50	ug/L	EPA 8260B	09/04/12 15:49
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:49
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:49
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/04/12 15:49
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/04/12 15:49
TPH as Gasoline	**150**	50	ug/L	EPA 8260B	09/04/12 15:49
(Note: Primarily compounds not found in typical Gasoline)					
1,2-Dichloroethane-d4 (Surr)	98.0		% Recovery	EPA 8260B	09/04/12 15:49
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	09/04/12 15:49
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/01/12 08:01
Octacosane (Diesel Surrogate)	90.1		% Recovery	M EPA 8015	09/01/12 08:01

Report Number : 82453

Date : 09/07/2012

QC Report : Method Blank Data

Project Name : **760**

Project Number : **760**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 50	50	ug/L	M EPA 8015	08/31/2012
Octacosane (Diesel Surrogate)	103		%	M EPA 8015	08/31/2012
TPH as Diesel	< 50	50	ug/L	M EPA 8015	08/31/2012
Octacosane (Diesel Surrogate)	96.1		%	M EPA 8015	08/31/2012
TPH as Diesel	< 50	50	ug/L	M EPA 8015	09/05/2012
Octacosane (Diesel Surrogate)	87.9		%	M EPA 8015	09/05/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/06/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/06/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/06/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/06/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/06/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/06/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/06/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/06/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/06/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/06/2012
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	09/06/2012
Toluene - d8 (Surr)	98.6		%	EPA 8260B	09/06/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	08/31/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	08/31/2012
1,2-Dichloroethane-d4 (Surr)	99.4		%	EPA 8260B	08/31/2012
Toluene - d8 (Surr)	99.1		%	EPA 8260B	08/31/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/05/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	09/05/2012
Toluene - d8 (Surr)	101		%	EPA 8260B	09/05/2012

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82453

Date : 09/07/2012

QC Report : Method Blank Data

Project Name : **760**

Project Number : **760**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	08/31/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	08/31/2012
1,2-Dichloroethane-d4 (Surr)	99.2		%	EPA 8260B	08/31/2012
Toluene - d8 (Surr)	99.5		%	EPA 8260B	08/31/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/05/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/05/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/05/2012
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	09/05/2012
Toluene - d8 (Surr)	100		%	EPA 8260B	09/05/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	08/31/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	08/31/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	08/31/2012
1,2-Dichloroethane-d4 (Surr)	97.2		%	EPA 8260B	08/31/2012
Toluene - d8 (Surr)	99.2		%	EPA 8260B	08/31/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	09/04/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	09/04/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/04/2012
1,2-Dichloroethane-d4 (Surr)	98.0		%	EPA 8260B	09/04/2012
Toluene - d8 (Surr)	99.3		%	EPA 8260B	09/04/2012

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82453

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel														
	BLANK	<50	1000	1000	972	974	ug/L	M EPA 8015	8/31/12	97.2	97.4	0.105	70-130	25
TPH as Diesel														
	BLANK	<50	1000	1000	1040	1020	ug/L	M EPA 8015	8/31/12	104	102	1.83	70-130	25
TPH as Diesel														
	BLANK	<50	1000	1000	1030	1000	ug/L	M EPA 8015	9/5/12	103	100	2.84	70-130	25
Benzene														
	82467-02	<0.50	39.8	39.8	40.8	40.3	ug/L	EPA 8260B	9/6/12	102	101	1.27	80-120	25
Diisopropyl ether														
	82467-02	<0.50	39.4	39.4	44.0	43.2	ug/L	EPA 8260B	9/6/12	112	110	1.74	80-120	25
Ethyl-tert-butyl ether														
	82467-02	<0.50	39.7	39.7	43.3	41.4	ug/L	EPA 8260B	9/6/12	109	104	4.37	76.5-120	25
Ethylbenzene														
	82467-02	<0.50	39.8	39.8	42.1	42.9	ug/L	EPA 8260B	9/6/12	106	108	2.01	80-120	25
Methyl-t-butyl ether														
	82467-02	<0.50	39.8	39.8	44.0	42.4	ug/L	EPA 8260B	9/6/12	110	106	3.75	69.7-121	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82453

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
P + M Xylene														
	82467-02	<0.50	39.8	39.8	42.3	42.8	ug/L	EPA 8260B	9/6/12	106	107	1.17	76.8-120	25
Tert-Butanol														
	82467-02	<5.0	201	201	188	187	ug/L	EPA 8260B	9/6/12	93.4	93.3	0.165	80-120	25
Tert-amyl-methyl ether														
	82467-02	<0.50	39.8	39.8	42.8	40.8	ug/L	EPA 8260B	9/6/12	108	103	4.74	78.9-120	25
Toluene														
	82467-02	<0.50	39.8	39.8	40.1	40.3	ug/L	EPA 8260B	9/6/12	101	101	0.442	80-120	25
Benzene														
	82453-04	<0.50	40.0	40.0	39.8	37.7	ug/L	EPA 8260B	8/31/12	99.4	94.3	5.33	80-120	25
Diisopropyl ether														
	82453-04	<0.50	39.5	39.5	41.0	39.5	ug/L	EPA 8260B	8/31/12	104	99.9	3.69	80-120	25
Ethyl-tert-butyl ether														
	82453-04	<0.50	39.8	39.8	44.3	42.8	ug/L	EPA 8260B	8/31/12	111	107	3.45	76.5-120	25
Ethylbenzene														
	82453-04	<0.50	40.0	40.0	40.4	37.9	ug/L	EPA 8260B	8/31/12	101	94.9	6.33	80-120	25
Methyl-t-butyl ether														
	82453-04	1.3	40.0	40.0	45.2	44.3	ug/L	EPA 8260B	8/31/12	110	108	1.97	69.7-121	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82453

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
P + M Xylene														
	82453-04	<0.50	40.0	40.0	40.8	38.4	ug/L	EPA 8260B	8/31/12	102	95.9	6.27	76.8-120	25
Tert-Butanol														
	82453-04	<5.0	202	202	198	193	ug/L	EPA 8260B	8/31/12	98.5	95.8	2.82	80-120	25
Tert-amyl-methyl ether														
	82453-04	<0.50	39.9	39.9	42.7	41.0	ug/L	EPA 8260B	8/31/12	107	103	4.06	78.9-120	25
Toluene														
	82453-04	<0.50	40.0	40.0	39.6	37.7	ug/L	EPA 8260B	8/31/12	99.0	94.4	4.82	80-120	25
Benzene														
	82467-06	<0.50	40.0	40.0	38.5	37.8	ug/L	EPA 8260B	9/5/12	96.3	94.5	1.92	80-120	25
Diisopropyl ether														
	82467-06	<0.50	39.5	39.5	39.1	39.4	ug/L	EPA 8260B	9/5/12	99.0	99.6	0.624	80-120	25
Ethyl-tert-butyl ether														
	82467-06	<0.50	39.8	39.8	38.9	38.3	ug/L	EPA 8260B	9/5/12	97.7	96.1	1.62	76.5-120	25
Ethylbenzene														
	82467-06	<0.50	40.0	40.0	39.8	38.6	ug/L	EPA 8260B	9/5/12	99.5	96.5	3.06	80-120	25
Methyl-t-butyl ether														
	82467-06	<0.50	40.0	40.0	36.9	35.9	ug/L	EPA 8260B	9/5/12	92.4	89.8	2.85	69.7-121	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82453

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol														
	82467-06	<5.0	202	202	199	196	ug/L	EPA 8260B	9/5/12	98.6	97.0	1.53	80-120	25
Tert-amyl-methyl ether														
	82467-06	<0.50	39.9	39.9	38.1	38.2	ug/L	EPA 8260B	9/5/12	95.4	95.5	0.0900	78.9-120	25
Toluene														
	82467-06	<0.50	40.0	40.0	39.1	38.9	ug/L	EPA 8260B	9/5/12	97.7	97.3	0.390	80-120	25
Benzene														
	82453-01	<0.50	40.0	40.0	40.8	39.1	ug/L	EPA 8260B	8/31/12	102	97.8	4.15	80-120	25
Diisopropyl ether														
	82453-01	<0.50	39.5	39.5	39.1	38.2	ug/L	EPA 8260B	8/31/12	99.0	96.6	2.46	80-120	25
Ethyl-tert-butyl ether														
	82453-01	<0.50	39.8	39.8	34.6	34.4	ug/L	EPA 8260B	8/31/12	86.8	86.2	0.704	76.5-120	25
Ethylbenzene														
	82453-01	<0.50	40.0	40.0	45.9	44.5	ug/L	EPA 8260B	8/31/12	115	111	3.00	80-120	25
Methyl-t-butyl ether														
	82453-01	<0.50	40.0	40.0	41.5	41.0	ug/L	EPA 8260B	8/31/12	104	102	1.23	69.7-121	25
P + M Xylene														
	82453-01	<0.50	40.0	40.0	44.6	43.3	ug/L	EPA 8260B	8/31/12	111	108	2.81	76.8-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82453

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol														
	82453-01	<5.0	202	202	202	200	ug/L	EPA 8260B	8/31/12	100	99.0	1.28	80-120	25
Tert-amyl-methyl ether														
	82453-01	<0.50	39.9	39.9	38.5	38.3	ug/L	EPA 8260B	8/31/12	96.3	96.0	0.380	78.9-120	25
Toluene														
	82453-01	<0.50	40.0	40.0	41.7	39.5	ug/L	EPA 8260B	8/31/12	104	98.7	5.44	80-120	25
Benzene														
	82467-07	<0.50	40.0	40.0	40.5	39.5	ug/L	EPA 8260B	9/5/12	101	98.9	2.47	80-120	25
Diisopropyl ether														
	82467-07	<0.50	39.5	39.5	39.1	38.8	ug/L	EPA 8260B	9/5/12	98.9	98.2	0.674	80-120	25
Ethyl-tert-butyl ether														
	82467-07	<0.50	39.8	39.8	34.9	34.2	ug/L	EPA 8260B	9/5/12	87.6	85.9	1.98	76.5-120	25
Ethylbenzene														
	82467-07	<0.50	40.0	40.0	45.6	44.4	ug/L	EPA 8260B	9/5/12	114	111	2.83	80-120	25
Methyl-t-butyl ether														
	82467-07	<0.50	40.0	40.0	41.9	41.2	ug/L	EPA 8260B	9/5/12	105	103	1.62	69.7-121	25
P + M Xylene														
	82467-07	<0.50	40.0	40.0	44.6	43.2	ug/L	EPA 8260B	9/5/12	112	108	3.18	76.8-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82453

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol														
	82467-07	<5.0	202	202	205	201	ug/L	EPA 8260B	9/5/12	102	99.7	2.17	80-120	25
Tert-amyl-methyl ether														
	82467-07	<0.50	39.9	39.9	39.1	38.1	ug/L	EPA 8260B	9/5/12	98.0	95.3	2.79	78.9-120	25
Toluene														
	82467-07	<0.50	40.0	40.0	41.3	40.1	ug/L	EPA 8260B	9/5/12	103	100	2.79	80-120	25
Benzene														
	82453-02	<0.50	40.0	40.0	39.8	39.2	ug/L	EPA 8260B	8/31/12	99.4	98.0	1.42	80-120	25
Diisopropyl ether														
	82453-02	<0.50	39.5	39.5	40.4	40.1	ug/L	EPA 8260B	8/31/12	102	101	0.781	80-120	25
Ethyl-tert-butyl ether														
	82453-02	<0.50	39.8	39.8	43.9	44.4	ug/L	EPA 8260B	8/31/12	110	111	1.01	76.5-120	25
Ethylbenzene														
	82453-02	<0.50	40.0	40.0	41.3	41.0	ug/L	EPA 8260B	8/31/12	103	102	0.728	80-120	25
Methyl-t-butyl ether														
	82453-02	<0.50	40.0	40.0	40.4	40.5	ug/L	EPA 8260B	8/31/12	101	101	0.196	69.7-121	25
P + M Xylene														
	82453-02	<0.50	40.0	40.0	42.6	42.3	ug/L	EPA 8260B	8/31/12	106	106	0.600	76.8-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82453

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol														
	82453-02	<5.0	202	202	195	196	ug/L	EPA 8260B	8/31/12	96.8	97.1	0.321	80-120	25
Tert-amyl-methyl ether														
	82453-02	<0.50	39.9	39.9	42.4	42.5	ug/L	EPA 8260B	8/31/12	106	106	0.191	78.9-120	25
Toluene														
	82453-02	<0.50	40.0	40.0	39.4	39.0	ug/L	EPA 8260B	8/31/12	98.5	97.4	1.11	80-120	25
Benzene														
	82442-03	<0.50	40.0	40.0	35.4	34.5	ug/L	EPA 8260B	9/4/12	88.4	86.2	2.57	80-120	25
Diisopropyl ether														
	82442-03	<0.50	39.5	39.5	34.8	34.6	ug/L	EPA 8260B	9/4/12	88.0	87.6	0.483	80-120	25
Ethyl-tert-butyl ether														
	82442-03	<0.50	39.8	39.8	37.6	37.1	ug/L	EPA 8260B	9/4/12	94.3	93.2	1.15	76.5-120	25
Ethylbenzene														
	82442-03	330	40.0	40.0	369	358	ug/L	EPA 8260B	9/4/12	103	**75.0**	**31.3**	80-120	25
Methyl-t-butyl ether														
	82442-03	<0.50	40.0	40.0	34.5	34.2	ug/L	EPA 8260B	9/4/12	86.2	85.5	0.899	69.7-121	25
P + M Xylene														
	82442-03	230	40.0	40.0	277	268	ug/L	EPA 8260B	9/4/12	118	96.8	19.5	76.8-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82453

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol														
	82442-03	<5.0	202	202	200	197	ug/L	EPA 8260B	9/4/12	99.0	97.6	1.47	80-120	25
Tert-amyl-methyl ether														
	82442-03	<0.50	39.9	39.9	36.4	36.2	ug/L	EPA 8260B	9/4/12	91.0	90.6	0.436	78.9-120	25
Toluene														
	82442-03	1.4	40.0	40.0	36.2	35.4	ug/L	EPA 8260B	9/4/12	87.0	84.9	2.43	80-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **760**

Project Number : **760**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	9/6/12	103	80-120
Diisopropyl ether	39.5	ug/L	EPA 8260B	9/6/12	108	80-120
Ethyl-tert-butyl ether	39.8	ug/L	EPA 8260B	9/6/12	100	76.5-120
Ethylbenzene	40.0	ug/L	EPA 8260B	9/6/12	109	80-120
Methyl-t-butyl ether	40.0	ug/L	EPA 8260B	9/6/12	99.3	69.7-121
P + M Xylene	40.0	ug/L	EPA 8260B	9/6/12	109	76.8-120
Tert-Butanol	202	ug/L	EPA 8260B	9/6/12	91.0	80-120
Tert-amyl-methyl ether	39.9	ug/L	EPA 8260B	9/6/12	98.4	78.9-120
Toluene	40.0	ug/L	EPA 8260B	9/6/12	103	80-120
Benzene	39.9	ug/L	EPA 8260B	8/31/12	96.9	80-120
Diisopropyl ether	39.4	ug/L	EPA 8260B	8/31/12	100	80-120
Ethyl-tert-butyl ether	39.7	ug/L	EPA 8260B	8/31/12	102	76.5-120
Ethylbenzene	39.9	ug/L	EPA 8260B	8/31/12	100	80-120
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	8/31/12	96.8	69.7-121
P + M Xylene	39.9	ug/L	EPA 8260B	8/31/12	100	76.8-120
TPH as Gasoline	496	ug/L	EPA 8260B	8/31/12	105	70.0-130
Tert-Butanol	201	ug/L	EPA 8260B	8/31/12	95.7	80-120
Tert-amyl-methyl ether	39.8	ug/L	EPA 8260B	8/31/12	97.8	78.9-120
Toluene	39.9	ug/L	EPA 8260B	8/31/12	94.5	80-120
Benzene	39.8	ug/L	EPA 8260B	9/5/12	96.2	80-120

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **760**

Project Number : **760**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Diisopropyl ether	39.4	ug/L	EPA 8260B	9/5/12	99.9	80-120
Ethyl-tert-butyl ether	39.6	ug/L	EPA 8260B	9/5/12	95.7	76.5-120
Ethylbenzene	39.8	ug/L	EPA 8260B	9/5/12	98.1	80-120
Methyl-t-butyl ether	39.8	ug/L	EPA 8260B	9/5/12	91.5	69.7-121
Tert-Butanol	201	ug/L	EPA 8260B	9/5/12	94.8	80-120
Tert-amyl-methyl ether	39.7	ug/L	EPA 8260B	9/5/12	95.4	78.9-120
Toluene	39.8	ug/L	EPA 8260B	9/5/12	97.2	80-120
Benzene	40.2	ug/L	EPA 8260B	8/31/12	101	80-120
Diisopropyl ether	39.7	ug/L	EPA 8260B	8/31/12	97.9	80-120
Ethyl-tert-butyl ether	40.0	ug/L	EPA 8260B	8/31/12	86.5	76.5-120
Ethylbenzene	40.2	ug/L	EPA 8260B	8/31/12	115	80-120
Methyl-t-butyl ether	40.2	ug/L	EPA 8260B	8/31/12	102	69.7-121
P + M Xylene	40.2	ug/L	EPA 8260B	8/31/12	112	76.8-120
TPH as Gasoline	498	ug/L	EPA 8260B	8/31/12	98.2	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	8/31/12	99.1	80-120
Tert-amyl-methyl ether	40.1	ug/L	EPA 8260B	8/31/12	96.8	78.9-120
Toluene	40.2	ug/L	EPA 8260B	8/31/12	103	80-120
Benzene	40.2	ug/L	EPA 8260B	9/5/12	104	80-120
Diisopropyl ether	39.7	ug/L	EPA 8260B	9/5/12	102	80-120
Ethyl-tert-butyl ether	40.0	ug/L	EPA 8260B	9/5/12	88.6	76.5-120
Ethylbenzene	40.2	ug/L	EPA 8260B	9/5/12	115	80-120

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82453

QC Report : Laboratory Control Sample (LCS)

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Methyl-t-butyl ether	40.2	ug/L	EPA 8260B	9/5/12	106	69.7-121
P + M Xylene	40.2	ug/L	EPA 8260B	9/5/12	112	76.8-120
TPH as Gasoline	497	ug/L	EPA 8260B	9/5/12	105	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	9/5/12	102	80-120
Tert-amyl-methyl ether	40.1	ug/L	EPA 8260B	9/5/12	98.0	78.9-120
Toluene	40.2	ug/L	EPA 8260B	9/5/12	105	80-120
Benzene	39.9	ug/L	EPA 8260B	8/31/12	98.9	80-120
Diisopropyl ether	39.4	ug/L	EPA 8260B	8/31/12	101	80-120
Ethyl-tert-butyl ether	39.7	ug/L	EPA 8260B	8/31/12	110	76.5-120
Ethylbenzene	39.9	ug/L	EPA 8260B	8/31/12	103	80-120
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	8/31/12	100	69.7-121
P + M Xylene	39.9	ug/L	EPA 8260B	8/31/12	107	76.8-120
TPH as Gasoline	498	ug/L	EPA 8260B	8/31/12	92.4	70.0-130
Tert-Butanol	201	ug/L	EPA 8260B	8/31/12	96.4	80-120
Tert-amyl-methyl ether	39.8	ug/L	EPA 8260B	8/31/12	106	78.9-120
Toluene	39.9	ug/L	EPA 8260B	8/31/12	98.5	80-120
Benzene	40.0	ug/L	EPA 8260B	9/4/12	98.8	80-120
Diisopropyl ether	39.5	ug/L	EPA 8260B	9/4/12	103	80-120
Ethyl-tert-butyl ether	39.8	ug/L	EPA 8260B	9/4/12	110	76.5-120
Ethylbenzene	40.0	ug/L	EPA 8260B	9/4/12	104	80-120
Methyl-t-butyl ether	40.0	ug/L	EPA 8260B	9/4/12	99.9	69.7-121

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 82453

QC Report : Laboratory Control Sample (LCS)

Date : 09/07/2012

Project Name : **760**

Project Number : **760**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
P + M Xylene	40.0	ug/L	EPA 8260B	9/4/12	107	76.8-120
TPH as Gasoline	498	ug/L	EPA 8260B	9/4/12	88.7	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	9/4/12	96.8	80-120
Tert-amyl-methyl ether	39.9	ug/L	EPA 8260B	9/4/12	106	78.9-120
Toluene	40.0	ug/L	EPA 8260B	9/4/12	99.6	80-120

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Analysis Summary

Report Number : 82453

Date : 09/07/12

Attention : Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Project Name :760
Project Number : 760

			Sample Name	MW-1		MW-2		MW-3		MW-3B		MW-6		DTSC-7		MW-9		MW-10	
			Sample Date	08/28/12		08/28/12		08/28/12		08/28/12		08/28/12		08/28/12		08/28/12		08/28/12	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	ND	0.50	ND	2.0	**19**	0.50	ND	0.50	**110**	0.50	**3.0**	0.50	**40**	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	ND	0.50	ND	2.0	**59**	0.50	ND	0.50	**6.9**	0.50	ND	0.50	**1.1**	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	0.50	ND	2.0	**4.9**	0.50	ND	0.50	**1.7**	0.50	ND	0.50	**1.3**	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	ND	0.50	ND	2.0	**15**	0.50	ND	0.50	**2.3**	0.50	ND	0.50	**3.8**	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	2.0	ND	0.50	ND	0.50	**2.8**	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	2.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	2.0	ND	0.50	**1.3**	0.50	ND	0.50	**3.1**	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	5.0	ND	9.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	0.50	ND	2.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L		50	ND	50	**82**	200	**9200**	50	**55**	50	**790**	50	ND	50	**2100**	50	**1700**
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			100		98.0		93.5		99.3		98.0		98.4		97.0		97.0
Toluene - d8 (Surr)	EPA 8260B	%			99.5		99.2		96.2		98.8		98.6		99.6		99.3		98.8
TPH as Diesel	M EPA 8015	ug/L		50	ND	80	ND	4000	ND	50	**150**	50	**290**	50	**54**	500	ND	400	ND
Octacosane (Diesel Surrogate)	M EPA 8015	%			87.0		85.5		79.3		92.2		88.9		89.9		85.3		94.0

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 82453
Date : 09/07/12

Attention : Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Project Name :760
Project Number : 760

			Sample Name	MW-11		MW-12		MW-12B		MW-13B		MW-16A		MW-16B		MW-17A		MW-17B	
			Sample Date	08/28/12		08/28/12		08/28/12		08/28/12		08/29/12		08/29/12		08/29/12		08/29/12	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	**120**	0.90	**100**	0.50	ND	0.50	ND	0.90	**64**	0.50	ND	0.50	**5.7**	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	**29**	0.90	**50**	0.50	ND	0.50	ND	0.90	**28**	0.50	ND	0.50	**0.76**	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	**9.4**	0.90	**10**	0.50	ND	0.50	ND	0.90	**4.1**	0.50	ND	0.50	**0.61**	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	**21**	0.90	**16**	0.50	ND	0.50	ND	0.90	**4.0**	0.50	ND	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	0.90	ND	0.50	ND	0.50	ND	0.90	ND	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.90	ND	0.50	ND	0.50	ND	0.90	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	ND	0.90	ND	0.50	ND	0.50	**1.0**	0.90	ND	0.50	**0.62**	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	0.90	ND	0.50	ND	0.50	ND	0.90	ND	0.50	ND	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L		90	**6800**	150	**9900**	50	ND	50	ND	90	**5400**	50	**140**	50	**1800**	50	**66**
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			94.6		98.1		97.6		99.7		103		100		99.4		98.9
Toluene - d8 (Surr)	EPA 8260B	%			95.0		98.6		99.6		99.2		100		101		102		100
TPH as Diesel	M EPA 8015	ug/L		2000	ND	4000	ND	50	ND	50	ND	2000	ND	100	ND	1000	ND	50	**95**
Octacosane (Diesel Surrogate)	M EPA 8015	%			86.5		93.3		98.0		90.6		89.2		93.0		94.5		94.3

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 82453
Date : 09/07/12

Attention : Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Project Name :760
Project Number : 760

			Sample Name	MW-18A		MW-19A		MW-20A		MW-21A		MW-22A		GW-2A		GW-2BV	
			Sample Date	08/29/12		08/28/12		08/28/12		08/28/12		08/28/12		08/28/12		08/29/12	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	**11**	0.50	**0.88**	0.50	ND	0.50	**83**	0.50	**12**	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	**7.1**	0.50	**6.1**	0.50	ND	0.50	**400**	0.50	**9.5**	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	0.50	**1.8**	0.50	ND	0.50	**6.0**	0.50	**0.52**	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	**3.2**	0.50	**2.9**	0.50	ND	2.0	**490**	0.50	**39**	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	**1.5**
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L		50	**3300**	50	**2200**	50	**410**	200	**6500**	50	**2700**	50	ND	50	**150**
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			98.4		95.8		99.8		98.7		101		98.8		98.0
Toluene - d8 (Surr)	EPA 8260B	%			101		97.1		100		102		99.4		99.7		99.3
TPH as Diesel	M EPA 8015	ug/L		1500	ND	400	ND	300	ND	2000	ND	1500	ND	50	ND	50	ND
Octacosane (Diesel Surrogate)	M EPA 8015	%			92.2		81.8		70.6		78.4		98.8		90.6		90.1

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No: 82453

Page 1 of 3

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): RICHARD MUNSCH	California EDF Report? ☐ Yes ☐ No
Company / Address: RDM ENV	Sampling Company Log Code:
Phone Number: 916.415.1134	Global ID:
Fax Number: 916.415.1154	EDF Deliverable To (Email Address):
Project #: 760 / P.O. #: —	Bill to: REDWOOD OIL CO.
Project Name: 760	Sampler Print Name: JOSE SANCHEZ
	Sampler Signature:
Project Address: 760 SEBASTOPOL RD SANTA ROSA CA	

Analysis Request — CIRCLE METHOD

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☒ 1 wk

Sample Designation	Date	Time	Sampling	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	For Lab Use Only
MW-1	08/28/12	1436		5					X			X				X	X	X						X								01
MW-2	08/28/12	1235		5					X			X				X	X	X						X								02
MW-3	08/28/12	1536		3					X			X				X	X	X						X								03
MW-3B	08/28/12	1601		5					X			X				X	X	X						X								04
MW-6	08/28/12	1636		5					X			X				X	X	X						X								05
DTSC-7	08/28/12	1405		5					X			X				X	X	X						X								06
MW-9	08/28/12	0906		5					X			X				X	X	X						X								07
MW-10	08/28/12	0842		5					X			X				X	X	X						X								08
MW-11	08/28/12	1659		3					X			X				X	X	X						X								09
MW-12	08/28/12	1055		3					X			X				X	X	X						X								10

	Date	Time	Received by:
Relinquished by:	083012		
Relinquished by:			Received by:
Relinquished by:	083012	1555	Received by Laboratory: Kiff Analytical

Remarks: STAT, CLEAN UP W/ SIL GEL IF DIESEL DETECTED
EMAIL COPY TO JOHN MONHEIM/RDM
QM SAMPLES.

Page 43 of 46

Distribution: White - Lab; Pink - Originator
Rev 060405

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No: 82453

Page 2 of 3

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): RICHARD HUNSCHT
Company / Address: RDM ENV
Phone Number: 916-415 1134
Fax Number: 916-415-1154
Project #: 760
P.O. #:
Project Name: 760
Project Address: 760 SERAS CT SANTA ROSA CA

California EDF Report? ☐ Yes ☐ No
Sampling Company Log Code:
Global ID:
EDF Deliverable To (Email Address):
Bill to: REDWOOD OIL CO
Sampler Print Name: JOSE SANCHEZ
Sampler Signature:

Analysis Request — CIRCLE METHOD

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☒ 1 wk

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	6 Waste Oil Metals (Ca,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	For Lab Use Only
MW-12B	083012	1120	5					X			X				X	X	X						X							11
MW-13B	083012	1328	5					X			X				X	X	X						X							12
MW-16A	083012	1127	5					X			X				X	X	X						X							13
MW-16B	083012	1152	5					X			X				X	X	X						X							14
MW-17A	083012	1103	5					X			X				X	X	X						X							15
MW-17B	083012	1040	5					X			X				X	X	X						X							16
MW-18A	083012	1018	5					X			X				X	X	X						X							17
MW-19A	083012	1146	5					X			X				X	X	X						X							18
MW-20A	083012	1211	5					X			X				X	X	X						X							19
MW-21A	083012	1505	5					X			X				X	X	X						X							20

Relinquished by:	Date	Time	Received by:
[signature]	083012		

Relinquished by:	Date	Time	Received by Laboratory:
	083012	1555	Kiff Analytical

Remarks: START CLEAN UP W/ SIL-GEL TO DIESEL DETECTED
EMAIL COPY TO JOHN MONTANEY, RDM.
ON SAMPLES

Distribution: White - Lab; Pink - Originator
Rev. 060409

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No: 82453

Page 3 of 3

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): RICHARD MUNSCH	California EDF Report? ☐ Yes ☐ No
Company / Address: RDM ENV.	Sampling Company Log Code:
Phone Number: 916 · 415 · 1134	Global ID:
Fax Number: 916 · 415 · 1154	EDF Deliverable To (Email Address):
Project #: 760 P.O. #: —	Bill to: RDM WOOD OIL CO.
Project Name: 760	Sampler Print Name: JOSH STAUFFER
	Sampler Signature:
Project Address: 760 S D SANTA ROSA CA	

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	For Lab Use Only
MW-72A	08/29/12	1302	5					X			X				X	X	X						X							21
GW-7A	08/29/12	0978	5					X			X				X	X	X						X							22
GW-7BN	08/29/12	0952	5					X			X				X	X	X						X							23

CIRCLE METHOD

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☒ 1 wk

Relinquished by:	Date	Time	Received by:
	083012		
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	083012	1555	Kiff Analytical

Remarks: START, CLEAN UP W/ STL GEL IF DIESEL DETECTED
EMAIL COPY TO SHAWN [illegible]
QM SAMPLES

Distribution: White - Lab; Pink - Originator
Rev: 060405

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: LJR (Initials)

SRG#: 82453 Date: 083012

Project ID: 760

Method of Receipt: ☐ Courier ☒ Over-the-counter ☐ Shipper

Shipping Only. ☐ FedEx * ☐ OnTrac * ☐ Greyhound ☐ Other *Service level if not Priority or Sunrise (M-F): _____

COC Inspection

Is COC present?	☒ Yes	☐ No			
Custody seals on shipping container?	☐ Intact	☐ Broken	☐ Not present	☒ N/A	
Is COC Signed by Relinquisher?	☒ Yes	☐ No	Dated?	☒ Yes	☐ No
Is sampler name legibly indicated on COC?	☒ Yes	☐ No			
Is analysis or hold requested for all samples?	☒ Yes	☐ No			
Is the turnaround time indicated on COC?	☒ Yes	☐ No			
Is COC free of whiteout and uninitialed cross-outs?	☐ Yes	☐ No, Whiteout	☒ No, Cross-outs		

Sample Inspection

Coolant Present: 2.4 ☒ Yes ☐ No (includes water) Temperature °C 2.4 Therm. ID# ER-3 Initial LJR Date/Time 083012 / 1541 ☐ N/A

Are there custody seals on sample containers?	☐ Intact	☐ Broken	☒ Not present	
Do containers match COC?	☒ Yes	☐ No	☐ No, COC lists absent sample(s)	☐ No, Extra sample(s) present
Are there samples matrices other than soil, water, air or carbon?	☐ Yes	☒ No		
Are any sample containers broken, leaking or damaged?	☐ Yes	☒ No		
Are preservatives indicated? ☐ Yes, on sample containers	☒ Yes, on COC	☐ Not indicated	☐ N/A	
Are preservatives correct for analyses requested?	☒ Yes	☐ No	☐ N/A	
Are samples within holding time for analyses requested?	☒ Yes	☐ No		
Are the correct sample containers used for the analyses requested?	☒ Yes	☐ No		
Is there sufficient sample to perform testing?	☒ Yes	☐ No		
Does any sample contain product, have strong odor or are otherwise suspected to be hot?			☐ Yes	☒ No

Receipt Details

Matrix WA	Container type VOA	# of containers received 115
Matrix _____	Container type _____	# of containers received _____
Matrix _____	Container type _____	# of containers received _____

Date and Time Sample Put into Temp Storage Date: 083012 Time: 1555

Quicklog

Are the Sample ID's indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If Sample ID's are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Is the Project ID indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If project ID is listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Are the sample collection dates indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection dates are listed on both COC and containers, do they all match?	☐ Yes	☒ No	☐ N/A	
Are the sample collection times indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection times are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	

COMMENTS: Bubbles are present in sample -13 (VOA 5 of 5). The labels for samples -07, 08 and -22 all have 08/29 as the collection date; Sample Receiving will log in the date as per the COC (082812). TJB 083012 1748

REDWOOD OIL

Arcadis U.S., Inc.
320 Commerce
Suite 200
Irvine
California 92602
Tel 714.730.9052
Fax 714.730.9345
www.arcadis-us.com

ENVIRONMENT

Mr. Thomas Magney
Regional Water Quality Control Board (RWQCB)
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Subject:
Semi-Annual Groundwater Monitoring and Sampling Report, First Half 2019

Date:
March 12, 2019

Contact:
Katherine Szymanowski

Phone:
510.596.9675

Email:
Katherine.Szymanowski@arcadis.com

Our ref:
ASRTM0SL.6308

Dear Mr. Mangey,

On behalf of Chevron Environmental Management Company (CEMC), Arcadis has prepared the attached *Semi-Annual Groundwater Monitoring and Sampling Report, First Half 2019* for the following facility:

Facility No.	**Case No.**	**Location**
Former Standard Oil/ Redwood Oil Bulk Terminal (Chevron site No. 206308)	1NS0252	258 Roseland Avenue, Santa Rosa, CA

If you have any questions, please do not hesitate to contact me.

Sincerely,
Arcadis U.S., Inc.

Katherine Szymanowski
Project Manager

Copies:
Ms. Shelby Lathrop, Chevron *(electronic copy)*
Geotracker database

SEMI-ANNUAL STATUS REPORT
First Half 2019
March 28, 2019

Facility No: Former Standard Oil/ Redwood Oil Bulk Terminal (Chevron site No.206308)	Address: 258 Roseland Avenue, Santa Rosa, CA
Arcadis Contact Person / Phone No.:	Katherine Szymanowski / 510-596-9675
Arcadis Project No.:	ASRTM0SL.6308
Primary Agency/Regulatory ID No.:	California Regional Water Quality Control Board (RWQCB)/ Thomas Magney/ 1NSO252

WORK CONDUCTED THIS PERIOD [First Half 2019]:

1. Conducted groundwater monitoring and sampling activities on January 15, 2019.
2. Prepared the *Semi-Annual Status Report, First Half 2019*.

WORK PROPOSED NEXT PERIOD [Second Half 2019]:

1. Conduct groundwater monitoring and sampling activities during the Second half 2019.
2. Prepare the *Semi-Annual Status Report, Second Half 2019*.

Current Phase of Project:	Monitoring	
Frequency of Monitoring / Sampling:	Semi-Annual (1Q/3Q)	
Are Phase Separate Hydrocarbons (PSH) Present On-site:	Yes (DSH-8)	
Cumulative PSH Recovered to Date:	74.73	(gallons)
Approximate Depth to Groundwater:	2.58 to 6.88	(feet below top of casing)
Approximate Groundwater Elevation:	129.68 to 134.86	(feet relative to corresponding datum)
Groundwater Flow Direction	Southwest	
Groundwater Gradient	0.002	(feet per foot)

Current Remediation Techniques:	Bioelectrical Chemical System (BECS) Pilot Test completed
Permits for Discharge:	None
Summary of Unusual Activity:	MW-13A, MW-14, MW-15 and MW-16A were unable to access due to unsafe muddy conditions.
Agency Directive Requirements:	None

DISCUSSION

Gettler-Ryan Inc. (G-R) conducted semi-annual groundwater monitoring and sampling activities on January 15, 2019. The groundwater monitoring field data sheets and general procedures are included as Attachment A. Fourteen (14) monitoring wells were gauged and nine (9) monitoring wells were sampled by G-R representatives.

Groundwater samples were submitted Eurofins Lancaster Laboratories, Inc., a California-certified laboratory, under standard chain-of-custody protocols. Gauging and analytical data obtained by G-R for this event are summarized in Table 1. Historical gauging and analytical data for the site are summarized in Table 2. The site location and layout are presented on Figures 1 and 2, respectively; the groundwater elevation contours for the site on January 15, 2019 are presented on Figure 3. Isoconcentration contours for total petroleum hydrocarbons as diesel (TPH-d), total petroleum hydrocarbons as diesel with silica gel (TPH-d w/ Si Gel), total petroleum hydrocarbons as gasoline (TPH-g), benzene are presented on Figures 4 through 9. Methyl tert-butyl ether (MTBE) concentrations are presented on Figures 8. A copy of the laboratory analytical report and chain-of-custody documentation are included as Attachment B

The calculated groundwater flow is to southwest, and hydraulic gradient is 0.02 ft./ft. at the site. SPH was observed in well DHS-8 at 0.02 feet. Elevated concentration of TPH-d were found in MW-2 (21,000 µg/L), MW-4 (4,400 µg/L), and MW-6 (510 µg/L). Elevated concentrations of TPH-d with silica gel was detected in MW-2 (27,000 µg/L). This elevated concentration of TPH-d and TPH-d with silica gel remains consistent with the historic data. THP-g concentration has decreased in all monitoring wells except MW-2 (4,100 µg/L). Benzene was detected at highest concentration in MW-2 (520 µg/L) with lowest concentration in MW-6 (12 µg/L). Elevated concentration of toluene were detected in MW-2 (5 J µg/L), and MW-10 (6 µg/L). Ethylbenzene and total xylene concentration are lowered to the previous data with an exception of MW-2. Low concentration of MTBE and TBA concentrations remains on the site. Based on current and historical data, the extent of impacted groundwater appears adequately defined. BECS pilot study was completed and the finding indicated minimal change to the surround areas to continue operating. The results were not statistically enough to reduce risk or regulatory objectives as reported in the BECS Pilot Study/Treatability Report (GHD, 2018). The findings recommend discontinuing the BECS

pilot study, remove the soil BECS and groundwater BECS units, and destroy the associated wells and vapor probes except for MW2 and SVP-6. The report also recommended preparation of a feasibility study to evaluate options for site cleanup.

LIMITATIONS

This report was prepared in accordance with the scope of work outlined in Arcadis contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of Chevron Environmental Management Company, for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Arcadis. To the extent that this report is based on information provided to Arcadis by third parties, Arcadis may have made efforts to verify this third party information, but Arcadis cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties expressed or implied are made by Arcadis.

Date: March 28, 2019

Kleimin Pena
Project Task Manager

Date: March 28, 2019

Katherine Szymanowski P.G
Project Manager

ATTACHMENTS:

Table 1	Current Groundwater Gauging and Analytical Results
Table 2	Historical Groundwater Gauging and Analytical Results, Fourth Quarter 1988 to Current
Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Groundwater Elevation Contour Map, January 15, 2019
Figure 4	TPH-d Isoconcentration Map, January 15, 2019
Figure 5	TPH-d w/Si gel Isoconcentration Map, January 15, 2019
Figure 6	TPH-g Isoconcentration Map, January 15, 2019
Figure 7	Benzene Isoconcentration Map, January 15, 2019
Figure 8	MTBE concentration Map, January 15, 2019
Attachment A	Field Data Sheets and General Procedures
Attachment B	Laboratory Report and Chain Custody Documentation

TABLES

Table 1. Current Groundwater Gauging and Analytical Results
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	Datum	DTW (ft bTOC)	PSH thickness (ft)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel (µg/L)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	Comments
MW-2	1/15/2019	5-25	138.21	ASSD	5.10	0.00	133.11	**21,000**	**27,000**	**4,100**	**520**	**5 J**	**10**	**9 J**	**7.0**	<50	
MW-3	1/15/2019	9-24	136.95	ASSD	6.88	0.00	130.07	**540**	<46	**93**	<0.20	<0.20	<0.20	<0.50	**4.0**	<10	
MW-4	1/15/2019	8.5-18	137.74	ASSD	6.37	0.00	131.37	**4,400**	**410**	**580**	**0.4 J**	<0.20	<0.20	<0.50	**3.0**	**16 J**	
MW-5	1/15/2019	9-24	138.60	ASSD	6.20	0.00	132.40	**3,700**	**290**	**490**	**2.0**	**0.5 J**	**0.3 J**	**0.7 J**	**0.3 J**	<10	
MW-6	1/15/2019	7-22	137.82	ASSD	6.82	0.00	131.00	**510**	<46	**48 J**	**12**	<0.20	<0.20	<0.50	**1 J**	<10	
MW-7	1/15/2019	7-27	136.94	ASSD	6.60	0.00	130.34	<46	<46	<25	<0.20	<0.20	<0.20	<0.50	<0.20	<10	
MW-9	1/15/2019	5.5-25.5	137.44	ASSD	2.58	0.00	134.86	**79 J**	<46	<25	<0.20	<0.20	<0.20	<0.50	<0.20	<10	
MW-10	1/15/2019	7-27	138.07	ASSD	4.27	0.00	133.80	**1,900**	**640**	**6,100**	**160**	**6.0**	**31**	**12 J**	<1.0	<50	
MW-12	1/15/2019	4-19	136.56	ASSD	6.88	0.00	129.68	<46	<46	<25	<0.20	<0.20	<0.20	<0.50	<0.20	<10	
MW-13A	1/15/2019	5-20	141.76	NAVD 88	--	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	No Access
MW-14	1/15/2019	5-20	138.81	ASSD	--	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	No Access
MW-15	1/15/2019	4-19	138.61	ASSD	--	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	No Access
MW-16A	1/15/2019	5-20	142.55	NAVD 88	--	0.00	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	No Access
DHS-8	1/15/2019	NA	137.15	ASSD	5.00	**0.02**	132.17	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	PSH in well

Notes:

MW = Groundwater monitoring well
TOC = Top of casing
DTW = Depth to groundwater
ft bTOC = Feet below top of casing
ft = Feet
PSH = Phase separate hydrocarbons
GW Elev = Groundwater elevation
µg/L = Micrograms per liter
<0.50 = Not detected at or above the Method Detection Limit
Bold = Value exceeds laboratory Method Detection Limit (MDL); PSH thickness is greater than 0.00 ft
-- = Not sampled/not measured
ASSD = Assumed Datum
NAVD 88 = North American Vertical Datum of 1988
NA=not aplicable

TPH-g = Total petroleum hydrocarbons, gasoline range by LUFT GC/MS according to United States Environmental Protection Agency (USEPA) Method 8015B
TPH-d = Total petroleum hydrocarbons, diesel range by LUFT GC/MS according to USEPA Method 8015B
TPH-d w/Si Gel= Total petroleum hydrocarbons, diesel range with Silical Gel by LUFT GC/MS according to USEPA Method 8015B
Samples analyzed by USEPA Method 8260B:
Benzene, toluene, ethylbenzene a total xylenes (collectively BTEX)
MTBE = Methyl tert-butyl ether
TBA = Tert-butanol or tertiary butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
TAME = Tert-amyl methyl ether
J =Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
If PSH is present, GW Elevation is corrected according to the following formula (TOC elevation - DTW) + (0.8 x PSH thickness)

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
DHS-8	10/21/1988	NA	137.88	--	--	--	--	**1,400,000**	**--**	**7,400,000**	**32,000**	**44,000**	**59,000**	**360,000**	**--**	**--**	**--**	**--**	**--**	**--**	<5.0	**--**	
DHS-8	12/21/1989	NA	137.88	15.83	6.13	--	126.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/23/1990	NA	137.88	7.28	5.29	--	134.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	05/19/1990	NA	137.15	15.10	5.59	--	123.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	06/22/1990	NA	137.15	12.70	4.52	--	128.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	07/22/1990	NA	137.15	13.90	4.33	--	126.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	08/24/1990	NA	137.15	15.28	4.89	--	125.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	08/27/1990	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	09/18/1990	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	09/28/1990	NA	137.15	16.33	5.35	--	125.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	10/22/1990	NA	137.15	16.89	5.65	--	124.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	11/14/1990	NA	137.15	17.46	5.89	--	125.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	12/11/1990	NA	137.15	13.25	--	--	123.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	01/15/1991	NA	137.15	13.75	1.31	--	124.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	02/12/1991	NA	137.15	12.00	1.81	--	126.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	03/08/1991	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/09/1991	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	05/13/1991	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	06/10/1991	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	06/11/1991	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	07/12/1991	NA	137.15	10.93	0.44	--	126.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	08/07/1991	NA	137.15	11.90	0.62	--	125.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	09/10/1991	NA	137.15	13.05	0.95	--	124.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	12/09/1991	NA	137.15	13.82	1.66	--	124.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	03/03/1992	NA	137.15	5.72	1.11	--	132.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	06/10/1992	NA	137.15	10.21	0.39	--	127.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	09/16/1992	NA	137.15	12.93	0.79	--	124.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	12/10/1992	NA	137.15	6.39	1.29	--	131.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	03/19/1993	NA	137.15	4.74	0.04	--	132.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	06/10/1993	NA	137.15	9.65	1.70	--	128.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	09/13/1993	NA	137.15	13.19	1.34	--	124.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	01/06/1994[44]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	03/29/1994[44]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/27/1994[44]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	05/19/1994[44]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	06/06/1994[44]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	10/07/1994[44]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	10/11/1995	NA	137.15	13.80	1.90	2.00	124.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/22/1996	NA	137.15	4.19	0.03	0.25	132.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	10/15/1996	NA	137.15	13.13	0.23	1.00	124.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/02/1997[44]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	10/28/1997[44]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/21/1998	NA	137.15	4.42	0.15	3.00	132.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	05/20/1998	NA	137.15	6.35	0.07	2.00	130.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	10/06/1998	NA	137.15	12.16	0.43	0.04	125.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	05/03/1999	NA	137.15	5.96	0.30	0.08	131.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	10/27/1999	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	11/09/1999	NA	137.15	11.95	0.32	0.08	125.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/26/2000[45]	NA	137.15	5.20	0.40	0.00	132.27**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	10/25/2000[45]	NA	137.15	12.88	0.53	0.26	124.69**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/30/2001[45]	NA	137.15	8.31	0.62	0.26	129.34**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	09/11/2001	NA	137.15	12.80	0.55	0.00	124.79**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	10/16/2001	NA	137.15	13.41	0.53	0.05	124.16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	11/13/2001[45]	NA	137.15	12.65	0.24	0.25	124.69**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	12/11/2001	NA	137.15	3.11	0.17	0.05	134.18**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	01/15/2002	NA	137.15	2.08	0.15	0.05	135.19**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	02/12/2002[45]	NA	137.15	4.30	0.16	0.26	132.98**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	03/12/2002	NA	137.15	2.81	0.13	0.05	134.44**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/16/2002	NA	137.15	7.05	0.17	0.13	130.24**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	05/14/2002[45]	NA	137.15	9.69	0.17	0.07	127.60**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	06/11/2002	NA	137.15	10.48	0.30	0.04	126.91**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	07/16/2002	NA	137.15	11.70	0.32	0.04	125.71**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	08/13/2002[45]	NA	137.15	12.65	0.39	0.04	124.81**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	09/10/2002[44]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	11/11/2002[45]	NA	137.15	11.60	0.25	0.04	125.75**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	05/12/2003[45]	NA	137.15	5.14	0.35	0.08	132.29**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	12/15/2003[27,46]	NA	137.15	8.89	0.02	0.01	128.28**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	03/15/2004[27]	NA	137.15	4.60	0.02	0.01	132.57**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	06/14/2004[27,46]	NA	137.15	10.29	0.24	0.14	126.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	09/13/2004[27]	NA	137.15	12.83	0.23	0.14	124.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	12/13/2004[50]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	12/08/2006[45]	NA	137.15	11.20	0.35	0.03	126.23**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	03/09/2007[45]	NA	137.15	3.80	0.08	0.03	133.41**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	06/07/2007[44]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	09/07/2007[44]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
DHS-8	12/06/2007[42]	NA	137.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	12/18/2007[45]	NA	137.15	10.59	0.19	0.00	126.71**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	03/06/2008[45]	NA	137.15	3.46	--	--	133.69**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	06/05/2008[45]	NA	137.15	10.69	0.38	2.26	126.76**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	09/04/2008[45]	NA	137.15	13.50	0.45	0.03	124.01**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	12/05/2008[45]	NA	137.15	12.65	0.45	0.26	124.86**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	03/05/2009[45]	NA	137.15	2.08	0.08	0.00	135.13**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/29/2009[45]	NA	137.15	9.22	0.31	0.13	128.18**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	07/10/2009[10,23,32]	NA	137.15	11.11	0.00	0.00	126.04	**26,000**	--	**8,000**	**730**	<25	**110**	**70**	--	<100	--	--	--	--	--	--	
DHS-8	10/13/2009[10,23,32]	NA	137.15	12.98	0.00	0.00	124.17	**91,000**	--	**11,000**	**790**	**11**	**120**	**51**	--	**21**	--	--	--	--	--	--	
DHS-8	01/06/2010[23]	NA	137.15	10.40	0.00	0.00	126.75	**29,000**	--	**11,000**	**980**	**13**	**130**	**70**	--	**130**	--	--	--	--	--	--	
DHS-8	04/07/2010[45]	NA	137.15	3.91	0.06	0.00	133.29**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/22/2010	NA	137.15	4.58	0.10	0.00	132.65**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	07/08/2010[37,38]	NA	137.15	9.93	0.10	0.00	127.30**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	10/11/2010[1]	NA	137.15	12.51	0.05	0.00	124.68**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	01/06/2011[1]	NA	137.15	3.07	0.04	0.00	134.11**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	04/12/2011[1]	NA	137.15	4.63	0.03	0.00	132.54**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	07/15/2011[1]	NA	137.15	10.09	0.03	0.00	127.08**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	10/24/2011[1]	NA	137.15	12.11	0.00	0.00	125.04**	**2,000,051**	--	**56,000**	**610**	**8.0**	**75**	**32**	**2.0**	**5.0**	--	--	--	--	--	--	
DHS-8	11/03/2011[1]	NA	137.15	12.44	0.00	0.00	124.71**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	01/11/2012[1]	NA	137.15	12.89	0.00	0.00	124.26	**32,000**	--	**15,000**	**660**	**8.0**	**95**	**32**	<5.0	<20	--	--	--	--	--	--	
DHS-8	04/07/2012	NA	137.15	4.34	0.00	0.00	132.81	**14,000**	--	**4,700**	**170**	**4.0**	**24**	**19**	<1.0	<4.0	--	--	--	--	--	--	
DHS-8	07/13/2012	NA	137.15	10.98	0.00	0.00	126.17	**33,000**	--	**17,000**	**290**	**5.0**	**70**	**28**	<5.0	<20	--	--	--	--	--	--	
DHS-8	10/25/2012	NA	137.15	12.96	0.00	0.00	124.19	**19,000**	--	**40,000**	**610**	**11**	**200**	**80**	<5.0	<20	--	--	--	--	--	--	
DHS-8	01/11/2013	NA	137.15	3.88	0.00	0.00	133.27	**7,400**	--	**4,800**	**150**	<5.0	**25**	**18**	<5.0	<20	--	--	--	--	--	--	
DHS-8	04/10/2013	NA	137.15	8.27	0.00	0.00	128.88	**17,000**	--	**11,000**	**250**	**5.0**	**68**	**27**	**0.70**	**2.0**	--	--	--	--	--	--	
DHS-8	07/01/2013	NA	137.15	10.74	0.00	0.00	126.41	**120,000**	**74,000**	**7,600**	**180**	**6.0**	**72**	**35**	<3.0	<10	--	--	--	--	--	--	
DHS-8	10/03/2013	NA	137.15	13.14	0.00	0.00	124.01	--	**79,000**	**22,000**	**330**	**6.0**	**82**	**32**	**1.0**	**5.0**	--	--	--	--	--	--	
DHS-8	01/07/2014[1]	NA	137.15	13.71	0.03	0.00	123.46**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	07/31/2014	NA	137.15	11.81	0.00	0.00	125.34	--	**11,000,055**	**7,500**	**170**	**4.0**	**57**	**27**	<0.50	**4.0**	--	--	--	--	--	--	
DHS-8	01/08/2015	NA	137.15	5.33	0.00	0.00	131.82	**160,000**	**13,000,053**	**18,000**	**140**	**3.0**	**32**	**23**	<0.50	<2.0	--	--	--	--	--	--	
DHS-8	07/22/2015[44]	NA	137.15	--	0.00	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	01/21/2016	NA	137.15	2.91	0.00	0.00	134.24	**18,000**	**1,100,055**	**4,100**	**140**	<5.0	**23**	**21**	<5.0	<20	--	--	--	--	--	--	
DHS-8	07/22/2016	NA	137.15	11.32	0.00	0.00	125.83	**11,000**	**5,500**	**36,000**	**110**	**5 J**	**100**	**74**	<10	**22 J**	--	--	--	--	--	--	
DHS-8	07/29/2016	NA	137.15	11.56	0.01	0.00	125.60**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	01/23/2017	NA	137.15	0.69	0.02	0.00	136.48**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DHS-8	07/24/2017	NA	137.15	10.66	0.00	0.00	126.49	**660,051**	**280,053**	**4,300**	**91**	<10	**18**	**15**	<10	<50	--	--	--	--	--	--	
DHS-8	01/15/2018	NA	137.15	7.87	0.01	0.00	129.92**	**18,000**	**900,065**	**3,200**	**97**	**3 J**	**14**	**14**	<5	<25	--	--	--	--	--	--	
DHS-8	07/25/2018	NA	137.15	10.92	0.00	0.00	126.23	**3,200**	**1,000**	**5,400**	**90**	**3.0**	**15**	**18**	<1	<5	--	--	--	--	--	--	
DHS-8	1/15/2019	NA	137.15	5.00	0.02	0.00	132.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LEMOS 38	04/27/1994		--	--	--	--	--	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MURRILL 37	04/27/1994		--	--	--	--	--	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-1	12/21/1989	5-25	137.56	11.59	0.01	--	125.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	04/23/1990	5-25	137.56	8.74	--	--	128.83	<50	--	<50	**480**	**8.0**	**3.0**	**12**	--	--	--	--	--	--	--	**29**	
MW-1	05/19/1990	5-25	136.85	9.86	--	--	129.99	**0.31**	--	--	**390**	**12**	**7.0**	**22**	--	--	--	--	--	--	--	**7.0**	
MW-1	06/22/1990	5-25	136.85	7.50	--	--	129.55	**80**	--	**1,000**	**690**	**6.4**	**33**	**6.7**	--	--	--	--	--	--	--	<3.0	
MW-1	07/22/1990	5-25	136.85	9.61	--	--	127.24	<300	--	**2,900**	**1,450**	**15**	**77**	**45**	--	--	--	--	--	--	--	<5.0	
MW-1	08/24/1990	5-25	136.85	10.68	--	--	126.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	08/27/1990	5-25	136.85	--	--	--	--	**1,600**	--	**2,900**	**1,100**	**28**	**57**	**45**	--	--	--	--	--	--	--	<50	
MW-1	09/18/1990	5-25	136.85	--	--	--	--	**600**	--	**6,300**	**2,390**	<5.0	**98**	**23**	--	--	--	--	--	--	--	<5.0	
MW-1	09/28/1990	5-25	136.85	11.50	--	--	125.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	10/22/1990	5-25	136.85	11.89	--	--	124.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	11/14/1990	5-25	136.85	12.11	--	--	124.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	12/11/1990	5-25	136.85	12.48	--	--	124.37	**220**	--	**630**	**79**	<2.0	**3.0**	**3.0**	--	--	--	--	--	--	--	<0.5	
MW-1	01/15/1991	5-25	136.85	11.48	--	--	125.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	02/12/1991	5-25	136.85	8.54	--	--	128.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	03/08/1991	5-25	136.85	5.75	--	--	131.1	**170**	--	**910**	**6.0**	**5.7**	**2.0**	**3.1**	--	--	--	--	--	--	--	<0.5	
MW-1	04/09/1991	5-25	136.85	2.84	--	--	134.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	05/13/1991	5-25	136.85	6.23	--	--	130.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	06/10/1991	5-25	136.85	8.38	--	--	128.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	06/11/1991	5-25	136.85	--	--	--	--	**160**	--	**550**	**120**	**0.70**	**12**	**9.7**	--	--	--	--	--	--	--	<0.5	
MW-1	07/12/1991	5-25	136.85	9.36	--	--	127.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	08/07/1991	5-25	136.85	10.33	--	--	126.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	09/10/1991[4]	5-25	136.85	11.29	--	--	125.56	**1,203**	--	**940**	**110**	**12**	**9.6**	**17**	--	--	--	--	--	--	--	--	
MW-1	12/09/1991	5-25	136.85	11.02	--	--	125.83	**230**	--	**440**	**10.0**	**3.5**	**3.9**	**6.3**	--	--	--	--	--	--	--	--	
MW-1	03/03/1992	5-25	136.85	2.28	--	--	134.57	**270**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-1	06/10/1992	5-25	136.85	8.44	--	--	128.41	**2,603**	--	<50	**31**	**2.4**	**4.8**	**5.8**	--	--	--	--	--	--	--	<1.0	
MW-1	09/16/1992	5-25	136.85	11.48	--	--	125.37	**150**	--	**200**	**7.3**	**1.2**	**1.0**	**1.3**	--	--	--	--	--	--	--	--	
MW-1	12/10/1992[49]	5-25	136.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	03/19/1993[44]	5-25	136.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	06/10/1993[44]	5-25	136.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	09/13/1993	5-25	136.85	11.18	--	--	125.67	<50	--	**110**	**4.7**	**1.0**	**1.0**	**1.8**	--	--	--	--	--	--	--	--	
MW-1	01/23/1998	5-25	--	--	--	--	--	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-1 (D)	05/19/1990	5-25	--	--	--	--	--	--	--	**6,900**	**1,800**	**51**	**36**	**91**	--	--	--	--	--	--	--	--	
MW-1 (D)	06/22/1990	5-25	--	--	--	--	--	--	--	**1,700**	**720**	**13**	**39**	**15**	--	--	--	--	--	--	--	--	
MW-1 (D)	07/22/1990	5-25	--	--	--	--	--	--	--	**4,600**	**1,900**	**14**	**73**	**42**	--	--	--	--	--	--	<5.0	--	
MW-2	12/21/1989	5-25	136.83	9.78	0.01	--	127.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/23/1990	5-25	136.83	10.23	0.20	--	126.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	05/19/1990[5]	5-25	138.21	11.51	0.25	--	126.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	06/22/1990	5-25	138.21	9.65	0.12	--	128.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	07/22/1990	5-25	138.21	11.13	0.04	--	127.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	08/24/1990	5-25	138.21	12.68	0.53	--	125.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	08/27/1990	5-25	138.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/18/1990	5-25	138.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/28/1990	5-25	138.21	13.86	--	--	125.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/22/1990	5-25	138.21	17.16	4.55	--	124.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	11/14/1990	5-25	138.21	19.72	7.25	--	124.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	12/11/1990	5-25	138.21	20.08	7.15	--	124.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	01/15/1991	5-25	138.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	02/12/1991	5-25	138.21	10.35	0.29	--	128.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	03/08/1991	5-25	138.21	4.53	0.05	--	133.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/09/1991	5-25	138.21	5.52	0.02	--	132.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	05/13/1991	5-25	138.21	9.13	0.42	--	129.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	06/10/1991	5-25	138.21	10.92	0.64	--	127.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	06/11/1991	5-25	138.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	07/12/1991	5-25	138.21	12.21	0.99	--	126.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	08/07/1991	5-25	138.21	11.45	0.65	--	127.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/10/1991	5-25	138.21	14.83	2.29	--	125.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	12/09/1991	5-25	138.21	16.97	4.57	--	124.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	02/10/1992	5-25	138.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	03/03/1992	5-25	138.21	5.80	0.55	--	132.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	06/10/1992	5-25	138.21	10.67	0.19	--	127.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/16/1992	5-25	138.21	14.20	1.53	--	125.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	12/10/1992	5-25	138.21	8.35	2.33	--	131.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	03/19/1993	5-25	138.21	6.39	2.36	--	133.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	06/10/1993	5-25	138.21	10.25	2.08	--	129.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/13/1993	5-25	138.21	16.57	4.48	--	125.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	01/06/1994	5-25	138.21	12.50	3.15	--	128.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	03/29/1994	5-25	138.21	9.39	0.92	--	129.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/27/1994	5-25	138.21	9.35	0.83	--	129.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	05/19/1994	5-25	138.21	10.59	0.03	--	127.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	06/06/1994	5-25	138.21	11.20	0.30	--	127.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/07/1994	5-25	138.21	14.68	2.94	--	125.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/11/1995	5-25	138.21	16.18	3.20	2.50	124.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/22/1996	5-25	138.21	5.64	1.38	4.00	133.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/15/1996	5-25	138.21	14.75	0.13	3.00	123.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/02/1997	5-25	138.21	8.16	0.23	0.00	130.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/28/1997	5-25	138.21	15.40	1.65	4.00	124.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	01/23/1998	5-25	138.21	--	--	--	--	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-2	04/21/1998	5-25	138.21	7.27	1.91	6.00	132.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/06/1998	5-25	138.21	13.61	1.44	0.26	125.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	05/03/1999	5-25	138.21	6.90	0.69	0.22	131.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/27/1999	5-25	138.21	14.92	1.68	0.53	124.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/26/2000[45]	5-25	138.21	5.69	0.12	0.00	132.62**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/25/2000[45]	5-25	138.21	13.58	0.70	0.26	125.19**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/30/2001[45]	5-25	138.21	8.78	0.57	0.26	129.89**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/11/2001	5-25	138.21	13.86	0.95	0.00	125.11**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/16/2001	5-25	138.21	15.48	2.11	0.25	124.42**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	11/13/2001[45]	5-25	138.21	12.65	1.83	0.25	127.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	12/11/2001	5-25	138.21	4.21	0.35	0.26	134.28**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	01/15/2002	5-25	138.21	3.00	0.36	0.26	135.50**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	02/12/2002[45]	5-25	138.21	5.30	0.21	0.26	133.08**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	03/12/2002	5-25	138.21	4.33	0.38	0.08	134.18**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/16/2002	5-25	138.21	8.26	0.70	0.26	130.51**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	05/14/2002[45]	5-25	138.21	9.58	0.09	0.05	128.70**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	06/11/2002	5-25	138.21	10.91	0.33	0.05	127.56**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	07/16/2002	5-25	138.21	11.91	0.42	0.13	126.64**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	08/13/2002[45]	5-25	138.21	12.80	0.49	0.07	125.80**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/10/2002	5-25	138.21	13.32	0.31	0.04	125.14**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	11/11/2002[45]	5-25	138.21	11.75	0.94	0.40	127.21**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	05/12/2003[45]	5-25	138.21	5.60	0.45	0.13	132.97**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	12/15/2003[27,46]	5-25	138.21	8.82	0.23	0.20	129.57**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	03/15/2004[27]	5-25	138.21	4.55	0.21	0.12	133.83**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	06/14/2004[27,46]	5-25	138.21	10.70	0.61	0.38	127.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/13/2004[27]	5-25	138.21	12.84	0.91	0.57	125.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	12/13/2004[44]	5-25	138.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	12/08/2006[46]	5-25	138.21	11.83	0.59	0.07	126.85**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-2	03/09/2007[45]	5-25	138.21	4.83	0.08	0.03	133.44**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	06/07/2007[45]	5-25	138.21	10.31	0.46	0.03	128.27**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/07/2007[45]	5-25	138.21	13.58	0.77	0.07	125.25**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	12/06/2007[45]	5-25	138.21	12.13	0.45	0.03	126.44**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	03/06/2008[45]	5-25	138.21	4.63	0.08	1.03	133.64**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	06/05/2008[45]	5-25	138.21	11.09	0.47	2.82	127.50**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/04/2008[45]	5-25	138.21	14.05	0.65	0.03	124.68**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	12/05/2008[45]	5-25	138.21	13.30	0.80	0.26	125.55**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	03/05/2009[45]	5-25	138.21	2.94	0.04	0.00	135.30**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/29/2009[45]	5-25	138.21	9.34	0.29	0.13	129.10**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	07/10/2009[10,23,32]	5-25	138.21	11.30	0.00	0.00	126.91	**130,000**	--	**12,000**	**1,000**	<25	<25	**33**	--	<100	--	--	--	--	--	--	
MW-2	10/13/2009[10,32,46]	5-25	138.21	13.70	0.32	0.00	124.77**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	01/06/2010[46]	5-25	138.21	10.86	0.03	0.00	127.37**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/07/20104[46]	5-25	138.21	4.21	0.03	0.00	134.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/22/2010[46]	5-25	138.21	4.81	0.03	0.00	133.42**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	07/08/2010[37,38]	5-25	138.21	10.31	0.03	0.00	127.92**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/11/2010[1]	5-25	138.21	12.94	0.11	0.00	125.36**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	01/06/2011[1]	5-25	138.21	3.47	0.12	0.00	134.84**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/12/2011[1]	5-25	138.21	5.01	0.03	0.00	133.22**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	07/15/2011[1]	5-25	138.21	10.52	0.04	0.00	127.72**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/24/2011[1]	5-25	138.21	12.63	0.10	0.00	125.66**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	01/11/2012[1]	5-25	138.21	13.68	0.25	0.00	124.73*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	04/07/2012[1]	5-25	138.21	4.64	0.06	0.00	133.62*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	07/13/2012	5-25	138.21	11.26	0.00	0.00	126.95	**60,000**	--	**5,300**	**1,000**	**5.0**	**17**	**7.0**	**19**	<20	--	--	--	--	--	--	
MW-2	10/25/2012	5-25	138.21	13.48	0.00	0.00	124.73	**11,000**	--	**5,100**	**1,000**	**8.0**	**33**	**20**	**27**	**13**	--	--	--	--	--	--	
MW-2	01/11/2013	5-25	138.21	4.28	0.00	0.00	133.93	**20,000**	--	**4,600**	**950**	**6.0**	**22**	**21**	**25**	<20	--	--	--	--	--	--	
MW-2	04/10/2013	5-25	138.21	8.90	0.00	0.00	129.31	**14,000**	--	**4,700**	**640**	**4.0**	**16**	**8.0**	**27**	**11**	--	--	--	--	--	--	
MW-2	07/01/2013	5-25	138.21	11.23	0.00	0.00	126.98	**130,000**	**86,000**	**6,900**	**600**	**5.0**	**20**	**14**	**22**	**8.0**	--	--	--	--	--	--	
MW-2	10/03/2013	5-25	138.21	13.72	0.00	0.00	124.49	--	**130,000**	**6,300**	**900**	**7.0**	**28**	**18**	**30**	**21**	--	--	--	--	--	--	
MW-2	01/07/2014[1]	5-25	138.21	14.33	0.05	0.00	123.92**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	07/31/2014[1]	5-25	138.21	12.16	0.02	0.00	126.07**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	01/08/2015[1]	5-25	138.21	5.53	0.20	0.00	132.84**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	07/22/2015	5-25	138.21	12.92	0.00	0.00	125.29	**14,000**	**4,000**	**3,500**	**570**	**5 J**	**20**	**11**	**9 J**	<20	--	--	--	--	--	--	
MW-2	01/21/2016	5-25	138.21	3.47	0.00	0.00	134.74	**870,058**	**210,058**	**4,100**	**780**	<5	**13**	**8 J**	**11**	**40 J**	--	--	--	--	--	--	
MW-2	06/14/2016	5-25	138.21	10.22	0.00	0.00	127.99	**9,000**	**2,800**	**6,400**	**640**	**5 J**	**14**	**10.0**	--	--	--	--	--	--	--	--	
MW-2	07/22/2016[***]	5-25	138.21	11.50	0.02	0.00	126.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	07/29/2016[***]	5-25	138.21	11.80	0.02	0.00	126.43**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	11/12/2016	5-25	138.21	10.68	0.00	0.00	127.53	**660,059**	**21,060**	**4,100**	**590**	<10	**12**	**7 J**									
MW-2	12/14/2016	5-25	138.21	6.38	0.00	0.00	131.83	**580,061**	**65,053**	**4,400**	**920**	<10	**12**	**8 J**									
MW-2	01/07/2017	5-25	138.21	3.39	0.00	0.00	134.82	--	**2,300**	**4,300**	**670**	<10	**13**	**9 J**	--	--	--	--	--	--	--	--	
MW-2	01/23/2017	5-25	138.21	1.06	0.00	0.00	137.15	**970,062**	**340,063**	**4,400**	**840**	**6 J**	**15**	**10 J**	**7 J**	**41 J**	--	--	--	--	--	--	
MW-2	07/24/2017[54]	5-25	138.21	10.92	0.04	0.00	127.32**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	01/15/2018	5-25	138.21	8.11	0.00	0.00	130.1	**750,051**	**110,065**	**3,600**	**900**	**5 J**	**12**	**13**	**15**	**51**	--	--	--	--	--	--	
MW-2	7/25/2018[1]	5-25	138.21	11.18	0.02	0.00	127.05**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	01/15/2019	5-25	138.21	5.10	0.00	0.00	133.11	**21,000**	**27,000**	**4,100**	**520**	**5 J**	**10**	**9 J**	**7.0**	<50							
MW-3	09/17/1990	9-24	136.95	--	--	--	--	**5,400**	--	**220,000**	<500 / <250	<500 / <250	<500 / <250	<500 / <250	--	--	--	--	--	--	<500	--	
MW-3	09/28/1990	9-24	136.95	13.06	--	--	123.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	10/22/1990	9-24	136.95	13.40	--	--	123.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	11/14/1990	9-24	136.95	13.79	--	--	123.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	12/11/1990	9-24	136.95	14.22	--	--	122.73	**11,000**	--	**2,200**	**34**	<6.0	**29**	**28**	--	--	--	--	--	--	<0.5	--	
MW-3	01/15/1991	9-24	136.95	13.95	--	--	123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	02/12/1991	9-24	136.95	11.74	--	--	125.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	03/08/1991	9-24	136.95	4.72	--	--	132.23	**11,000**	--	**4,100**	**500**	**8.8**	**170**	**88**	--	--	--	--	--	--	<0.5	--	
MW-3	04/09/1991	9-24	136.95	5.70	--	--	131.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	05/13/1991	9-24	136.95	9.19	--	--	127.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	06/10/1991	9-24	136.95	10.57	--	--	126.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	06/11/1991	9-24	136.95	--	--	--	--	**46,000**	--	**5,400**	**300**	<5.0	**150**	**41**	--	--	--	--	--	--	<0.5	--	
MW-3	07/12/1991	9-24	136.95	11.44	--	--	125.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	08/07/1991	9-24	136.95	12.14	--	--	124.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	09/10/1991	9-24	136.95	13.07	0.02	--	123.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	12/09/1991	9-24	136.95	13.40	0.02	--	123.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	03/03/1992	9-24	136.95	5.42	--	--	131.53	**5,100**	--	**4,300**	**1,400**	**9.0**	**29**	**18**	--	--	--	--	--	--	--	--	
MW-3	06/10/1992	9-24	136.95	10.61	--	--	126.34	**41,000**	--	**3,200**	**530**	**2.0**	**77**	**9.2**	--	--	--	--	--	--	--	--	
MW-3	09/16/1992	9-24	136.95	13.15	--	--	123.8	**700**	--	**1,600**	**99**	**3.0**	**13**	**5.4**	--	--	--	--	--	--	--	--	
MW-3	12/10/1992	9-24	136.95	8.05	--	--	128.9	**49,000**	--	**23,003**	**37**	<10	<10	**16**	--	--	--	--	--	--	--	--	
MW-3	03/19/1993	9-24	136.95	4.25	--	--	132.7	**37,000**	--	**6,900**	**1,600**	**52**	**68**	**150**	--	--	--	--	--	--	--	--	
MW-3	06/10/1993	9-24	136.95	9.03	0.44	--	128.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	09/13/1993	9-24	136.95	12.91	--	--	124.04	--	--	**37,000**	**18**	**47**	**22**	--	--	--	--	--	--	--	--	--	
MW-3	01/06/1994	9-24	136.95	10.15	--	--	126.8	**26,000**	--	**3,100**	**430**	<10	**39**	**14**	--	--	--	--	--	--	--	--	
MW-3	03/29/1994	9-24	136.95	9.57	--	--	127.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	04/27/1994	9-24	136.95	9.87	--	--	127.08	**13,000**	--	**18,008**	**290**	**7.3**	**27**	**6.1**	--	--	--	--	--	--	--	--	
MW-3	05/19/1994	9-24	136.95	10.69	--	--	126.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	06/06/1994	9-24	136.95	11.27	--	--	125.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	10/07/1994	9-24	136.95	13.61	0.05	--	123.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	10/11/1995	9-24	136.95	13.32	0.03	1.00	123.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-3	04/22/1996	9-24	136.95	6.79	0.02	0.25	130.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	10/15/1996	9-24	136.95	13.50	0.05	1.00	123.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	04/02/1997	9-24	136.95	9.30	0.00	0.00	127.65	**5,500,007**	--	**250,006**	**100**	**49**	<20	<20	--	--	--	--	--	--	--	--	
MW-3	10/28/1997	9-24	136.95	14.04	--	--	122.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	01/23/1998	9-24	136.95	--	--	--	--	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-3	04/21/1998	9-24	136.95	6.18	--	--	130.77	**15,000**	--	**42,003**	**89**	**3.9**	<0.50	<0.50	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-3	10/06/1998	9-24	136.95	12.90	--	--	124.05	**7,200**	--	**1,400**	**19**	<5.0	<5.0	<5.0	--	--	--	--	--	--	--	--	
MW-3	05/03/1999	9-24	136.95	7.53	--	--	129.42	**1,280,007**	--	**52,908**	**43.7**	<2.5	**4.5**	<2.5	--	--	--	--	--	--	--	--	
MW-3	10/27/1999	9-24	136.95	14.02	0.16	0.02	123.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	04/26/2000[15]	9-24	136.95	7.25	0.00	0.00	129.7	**7,750**	--	**4,618**	<0.50	**0.55**	<0.50	<0.50	**6.30**[17,18]	--	--	--	--	--	--	--	
MW-3	10/25/2000[46]	9-24	136.95	13.75	0.02	0.26	123.22**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	04/30/2001	9-24	136.95	9.55	0.00	0.00	127.4	**6,760**	--	**3,850**	**9.7**	<0.500	**2.5**	**1.9**	**14.018**	--	--	--	--	--	--	--	
MW-3	09/11/2001	9-24	136.95	13.73	0.02	0.00	123.24**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	10/16/2001	9-24	136.95	14.30	0.06	0.01	122.70**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	11/13/2001	9-24	136.95	13.10	0.00	0.00	123.85	**12,000**	--	**1,400**	**9.2**	**1.0**	**1.2**	<1.5	**1,018**	<100	<2	<2	<2	<500	<2	<2	
MW-3	12/11/2001	9-24	136.95	4.41	0.00	0.00	132.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	01/15/2002	9-24	136.95	3.68	0.00	0.00	133.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	02/12/2002	9-24	136.95	6.81	0.00	0.00	130.14	**19,000**	--	**390**	**1.8**	**0.67**	<0.50	<1.5	**1,118**	<100	<2	<2	<2	<500	<2	<2	
MW-3	03/12/2002	9-24	136.95	5.01	0.00	0.00	131.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	04/16/2002	9-24	136.95	9.03	0.00	0.00	127.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	05/14/2002	9-24	136.95	10.36	0.00	0.00	126.59	**32,000**	--	**720**	**6.0**	<1.0	**1.0**	<1.5	**1,018**	<100	<2	<2	<2	<500	<2	<2	
MW-3	06/11/2002	9-24	136.95	11.06	0.00	0.00	125.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	07/16/2002	9-24	136.95	12.21	0.00	0.00	124.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	08/13/2002	9-24	136.95	13.00	0.00	0.00	123.95	**64,000**	--	**1,200**	<5.0	<1.0	<0.50	<1.5	**1,218**	<100	<2	<2	<2	<500	<2	<2	
MW-3	09/10/2002	9-24	136.95	13.64	0.00	0.00	123.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	11/11/2002	9-24	136.95	13.40	0.00	0.00	123.55	**60,000**	--	**870**	<2.0	**0.50**	**0.62**	<1.5	**1,618**	<100	<2	<2	<2	<500	<2	<2	
MW-3	05/12/2003[45]	9-24	136.95	6.29	0.04	--	130.69**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	12/15/2003[4]	9-24	136.95	9.11	0.00	0.00	127.84	**320,000**	--	**960**	**1.2**	<0.5	<0.5	<0.5	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
MW-3	03/15/2004[27]	9-24	136.95	4.70	0.00	0.00	132.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	06/14/2004[4]	9-24	136.95	10.98	0.00	0.00	125.97	**170,000**	--	**450**	<0.5	<0.5	<0.5	<0.5	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
MW-3	09/13/2004[27]	9-24	136.95	13.15	0.00	0.00	123.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	12/13/2004[27]	9-24	136.95	10.04	0.00	0.00	126.91	**10,000**	--	**480**	<0.50	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.5	--	
MW-3	12/08/2006[23]	9-24	136.95	12.04	0.00	0.00	124.91	**11,000**	--	**410**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-3	03/09/2007[23]	9-24	136.95	5.95	0.00	0.00	--	**14,000**	--	**370**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-3	06/07/2007[23]	9-24	136.95	10.68	0.00	0.00	126.27	**5,800**	--	**520**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-3	09/07/2007[46]	9-24	136.95	13.20	0.04	0.10	123.78**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	12/06/2007[46]	9-24	136.95	13.01	0.03	7.92	123.96**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	03/06/2008[23]	9-24	136.95	5.25	0.00	0.00	131.7	**8,300**	--	**380**	<0.50	<0.50	<0.50	<0.50	--	<2	--	--	--	--	--	--	
MW-3	06/05/2008[23]	9-24	136.95	11.64	0.00	0.00	125.31	**9,900**	--	**290**	<0.50	<0.50	<0.50	<0.50	--	<2	--	--	--	--	--	--	
MW-3	09/04/2008[46]	9-24	136.95	14.00	0.05	0.01	122.99**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	12/05/2008[46]	9-24	136.95	13.57	0.04	0.01	123.41**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	03/05/2009[23]	9-24	136.95	3.05	0.00	0.00	133.9	**10,000**	--	**410**	<0.50	<0.50	<0.50	<0.50	--	<2	--	--	--	--	--	--	
MW-3	04/29/2009[23]	9-24	136.95	9.22	0.00	0.00	127.73	**88,000**	--	**670**	<0.50	<0.50	<0.50	<0.50	--	<2	--	--	--	--	--	--	
MW-3	07/10/2009[23]	9-24	136.95	11.66	0.00	0.00	125.29	**42,000**	--	**1,600**	<0.50	<0.50	<0.50	<0.50	--	<2	--	--	--	--	--	--	
MW-3	10/13/2009[23]	9-24	136.95	13.61	0.00	0.00	123.34	**35,000**	--	**850**	<0.50	<0.50	<0.50	<0.50	--	<2	--	--	--	--	--	--	
MW-3	01/06/2010[23]	9-24	136.95	11.42	0.00	0.00	125.53	**110,000**	--	**2,200**	<0.50	<0.50	<0.50	<0.50	--	**2.0**	--	--	--	--	--	--	
MW-3	04/07/2010[23]	9-24	136.95	4.88	0.00	0.00	132.07	**37,000**	--	**450**	<0.50	<0.50	<0.50	<0.50	--	<2	--	--	--	--	--	--	
MW-3	07/08/2010	9-24	136.95	10.44	0.00	0.00	127.3	**3,900**	--	**410**	<0.50	<0.50	<0.50	<0.50	**5.0**	<2	--	--	--	--	--	--	
MW-3	10/11/2010	9-24	136.95	13.28	0.00	0.00	123.67	**3,400**	--	**290**	<0.50	<0.50	<0.50	<0.50	**4.0**	<2	--	--	--	--	--	--	
MW-3	01/06/2011	9-24	136.95	3.52	0.00	0.00	133.43	**4,600**	--	**160**	<0.50	<0.50	<0.50	<0.50	**5.0**	<2	--	--	--	--	--	--	
MW-3	04/12/2011	9-24	136.95	5.32	0.00	0.00	131.63	**840**	--	**190**	<0.50	<0.50	<0.50	<0.50	**2.0**	<2	--	--	--	--	--	--	
MW-3	07/15/2011	9-24	136.95	10.64	0.00	0.00	126.31	**750**	--	**350**	<0.50	<0.50	<0.50	<0.50	**3.0**	<2	--	--	--	--	--	--	
MW-3	10/24/2011	9-24	136.95	13.04	0.00	0.00	123.91	**480**	--	**100**	<0.50	<0.50	<0.50	<0.50	**7.0**	<2	--	--	--	--	--	--	
MW-3	01/11/2012	9-24	136.95	13.72	0.00	0.00	123.23	**73,000**	--	**1,400**	<1.0	<1.0	<1.0	<1.0	**12**	<4	--	--	--	--	--	--	
MW-3	04/07/2012	9-24	136.95	5.31	0.00	0.00	131.64	**3,000**	--	**250**	<0.50	<0.50	<0.50	<0.50	**3.0**	<2	--	--	--	--	--	--	
MW-3	07/13/2012	9-24	136.95	11.67	0.00	0.00	125.28	**55,000**	--	**220**	<0.50	<0.50	<0.50	<0.50	**7.0**	<2	--	--	--	--	--	--	
MW-3	10/25/2012	9-24	136.95	14.05	0.00	0.00	122.9	**4,600**	--	**340**	<0.50	<0.50	<0.50	<0.50	**8.0**	<2	--	--	--	--	--	--	
MW-3	01/11/2013	9-24	136.95	4.82	0.00	0.00	132.13	**2,400**	--	**380**	<0.50	<0.50	<0.50	<0.50	**2.0**	<2	--	--	--	--	--	--	
MW-3	04/10/2013	9-24	136.95	9.36	0.00	0.00	127.59	**12,000**	--	**210**	<0.50	<0.50	<0.50	<0.50	**8.0**	<2	--	--	--	--	--	--	
MW-3	07/01/2013	9-24	136.95	11.82	0.00	0.00	125.13	**74,000**	**57,000**	**530**	<0.50	<0.50	<0.50	<0.50	**8.0**	<2	--	--	--	--	--	--	
MW-3	10/03/2013	9-24	136.95	13.93	0.00	0.00	123.02	--	**13,000**	**490**	<0.50	<0.50	<0.50	<0.50	**9.0**	<2	--	--	--	--	--	--	
MW-3	01/07/2014	9-24	136.95	14.56	0.00	0.00	122.39	**5,100**	**4,000**	**110**	<0.50	<0.50	<0.50	<0.50	**9.0**	<2	--	--	--	--	--	--	
MW-3	07/31/2014	9-24	136.95	12.51	0.00	0.00	124.44	--	**430,053**	**110**	<0.50	<0.50	<0.50	<0.50	**8.0**	<2	--	--	--	--	--	--	
MW-3	01/08/2015	9-24	136.95	6.38	0.00	0.00	130.57	**3,700**	**24,054**	**330**	<0.50	<0.50	<0.50	<0.50	**0.8 J**	<2	--	--	--	--	--	--	
MW-3	07/22/2015	9-24	136.95	13.20	0.00	0.00	123.75	**610**	**350**	**350**	<3.0	<3.0	<3.0	<3.0	**4 J**	<10	--	--	--	--	--	--	
MW-3	01/21/2016	9-24	136.95	3.97	0.00	0.00	132.98	**830**	**97 J**	**27 J**	<0.50	<0.50	<0.50	<0.50	**2.0**	<2	--	--	--	--	--	--	
MW-3	07/22/2016	9-24	136.95	11.89	0.00	0.00	125.06	**760**	**500**	**170**	<1.0	<1.0	<1.0	<1.0	**5.0**		--	--	--	--	--	--	
MW-3	07/29/2016	9-24	136.95	12.14	0.00	0.00	124.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	01/23/2017	9-24	136.95	0.99	0.00	0.00	135.96	**88 J**[62]	<100[63]	<50	<1.0	<1.0	<1.0	<1.0	<1	<5	--	--	--	--	--	--	
MW-3	07/24/2017[44]	9-24	136.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-3	01/15/2018	9-24	136.95	9.61	0.00	0.00	127.34	**5,600**	**290,065**	**76**	<1.0	<1.0	<1.0	<1.0	**3.0**	**4 J**	--	--	--	--	--	--	
MW-3	07/25/2018	9-24	136.95	11.72	0.00	0.00	**125.23**	**640**	**190**	**160**	<1.0	<1.0	<1.0	<1.0	**3.0**	<5	--	--	--	--	--	--	
MW-3	01/15/2019	9-24	136.95	6.88	0.00	0.00	130.07	**540**	<46	**93**	<0.20	<0.20	<0.20	<0.50	**4.0**	<10	--	--	--	--	--	--	
MW-4	09/18/1990	8.5-18	137.74	--	--	--	--	**400**	--	**3,600**	**1,200 / 1,300**	<125 / 41	<125 / 9.4	<125 / 23	--	--	--	--	--	--	<125	--	
MW-4	09/28/1990	8.5-18	137.74	12.66	--	--	125.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-4	10/22/1990	8.5-18	137.74	13.00	--	--	127.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	11/14/1990	8.5-18	137.74	13.35	--	--	124.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	12/11/1990	8.5-18	137.74	13.73	0.01	--	124.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	01/15/1991	8.5-18	137.74	13.13	--	--	124.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	02/12/1991	8.5-18	137.74	11.08	--	--	126.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	03/08/1991	8.5-18	137.74	4.56	--	--	133.18	**15,000**	--	**7,200**	**3,900**	**21**	**224**	**53**	--	--	--	--	--	--	<0.5	--	
MW-4	04/09/1991	8.5-18	137.74	5.32	--	--	132.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	05/31/1991	8.5-18	137.74	8.78	--	--	128.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	06/10/1991	8.5-18	137.74	10.16	--	--	127.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	06/11/1991	8.5-18	137.74	--	--	--	--	**38,000**	--	**21,000**	**4,900**	**22**	**700**	**78**	--	--	--	--	--	--	<0.5	--	
MW-4	07/12/1991	8.5-18	137.74	11.14	--	--	126.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	08/07/1991	8.5-18	137.74	11.89	--	--	125.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	09/10/1991	8.5-18	137.74	12.68	--	--	125.06	**5,800**	--	**12,000**	**3,300**	**16**	**390**	**51**	--	--	--	--	--	--	--	--	
MW-4	12/09/1991	8.5-18	137.74	12.90	--	--	124.84	**3,900**	--	**7,900**	**3,400**	**16**	**300**	**49**	--	--	--	--	--	--	--	--	
MW-4	03/03/1992	8.5-18	137.74	5.19	--	--	132.55	**3,000**	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
MW-4	06/10/1992	8.5-18	137.74	10.32	--	--	127.42	**880**	--	**11,000**	**3,000**	**15**	**350**	**42**	--	--	--	--	--	--	--	--	
MW-4	09/16/1992	8.5-18	137.74	12.79	--	--	124.95	**270**	--	**8,500**	**3,700**	**12**	**190**	**30**	--	--	--	--	--	--	--	--	
MW-4	12/10/1992	8.5-18	137.74	6.97	--	--	130.77	**7,400**	--	**12,000**	**6,100**	**14**	**40**	**24**	--	--	--	--	--	--	--	--	
MW-4	03/19/1993	8.5-18	137.74	4.73	--	--	133.01	**6,500**	--	**10,000**	**4,300**	**28**	**58**	**50**	--	--	--	--	--	--	--	--	
MW-4	06/10/1993	8.5-18	137.74	8.80	--	--	128.94	**17,000**	--	**6,900**	**3,400**	**31**	**170**	**48**	--	--	--	--	--	--	--	--	
MW-4	09/13/1993	8.5-18	137.74	12.51	--	--	125.23	**30,000**	--	**9,800**	**5,200**	**140**	**250**	**140**	--	--	--	--	--	--	--	--	
MW-4	01/06/1994	8.5-18	137.74	9.79	--	--	127.95	**11,000**	--	**18,000**	**4,800**	**25**	**100**	**40**	--	--	--	--	--	--	--	--	
MW-4	03/29/1994	8.5-18	137.74	9.26	--	--	128.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	04/27/1994	8.5-18	137.74	9.80	--	--	127.94	**10,000**	--	**16,000**	**4,800**	<25	**59**	**47**	--	--	--	--	--	--	--	--	
MW-4	05/19/1994	8.5-18	137.74	10.38	--	--	127.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	06/06/1994	8.5-18	137.74	11.02	--	--	126.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	10/07/1994	8.5-18	137.74	12.37	--	--	125.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	10/11/1994	8.5-18	137.74	--	--	--	--	**20,000**	--	**4,700**	**1,200**	**9.6**	**5.2**	**63**	--	--	--	--	--	--	--	--	
MW-4	10/11/1995	8.5-18	137.74	13.54	--	--	124.2	**13,000**	--	**5,800**	**1,400**	<20	**33**	<20	--	--	--	--	--	--	--	--	
MW-4	04/22/1996	8.5-18	137.74	6.11	--	--	131.63	**2,500**	--	**1,700**	**720**	<10	<10	<10	--	--	--	--	--	--	--	--	
MW-4	10/15/1996	8.5-18	137.74	13.25	--	--	124.49	**7,900**	--	**6,700**	**2,100**	<20	<20	<20	--	--	--	--	--	--	--	--	
MW-4	04/02/1997	8.5-18	137.74	8.81	--	--	128.93	**3,900**	--	**7,100**	**1,600**	<20	**20**	<20	--	--	--	--	--	--	--	--	
MW-4	10/28/1997	8.5-18	137.74	13.39	--	--	124.35	**6,300**	--	**7,300**	**1,500**	<20	<20	<20	--	--	--	--	--	--	--	--	
MW-4	01/23/1998	8.5-18	137.74	--	--	--	--	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-4	04/21/1998	8.5-18	137.74	5.85	--	--	131.89	**1,500**	--	**2,500**	**320**	**5.2**	**6.1**	**4.2**	--	--	--	--	--	--	--	--	
MW-4	10/06/1998	8.5-18	137.74	12.43	--	--	125.31	**80,003**	--	**5,100**	**1,500**	<10	<10	<10	--	--	--	--	--	--	--	--	
MW-4	05/03/1999	8.5-18	137.74	7.15	--	--	130.59	**677,007**	--	**5,680**	**514**	<5.0	**8.0**	<5.0	--	--	--	--	--	--	--	--	
MW-4	10/27/1999	8.5-18	137.74	13.40	--	--	124.34	**59,700**	--	**5,260**	**1,220**	<10	<10	<10	--	--	--	--	--	--	--	--	
MW-4	04/26/2000[15]	8.5-18	137.74	6.75	0.00	0.00	130.99	**5,240**	--	**114,016**	<0.50	<0.50	<0.50	<0.50	**28.5**[17,18]	--	--	--	--	--	--	--	
MW-4	10/25/2000	8.5-18	137.74	13.22	0.00	0.00	124.52	**11,800**	--	**9,790**	**1,930**	**10.3**	**9.2**	<5.0	**105**[18,20]	--	--	--	--	--	--	--	
MW-4	04/30/2001	8.5-18	137.74	9.29	0.00	0.00	128.45	**8,130**	--	**8,190**	**1,250**	<5.00	**7.7**	<5.0	**57.518**	--	--	--	--	--	--	--	
MW-4	09/11/2001	8.5-18	137.74	13.24	0.00	0.00	124.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	10/16/2001	8.5-18	137.74	13.77	0.00	0.00	123.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	11/13/2001	8.5-18	137.74	11.49	0.00	0.00	126.25	**20,000**	--	**7,800**	**1,800**	**6.7**	**6.0**	**3.2**	**17,018**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-4	12/11/2001	8.5-18	137.74	4.52	0.00	0.00	133.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	01/15/2002	8.5-18	137.74	3.60	0.00	0.00	134.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	02/12/2002	8.5-18	137.74	6.32	0.00	0.00	131.42	**3,900**	--	**4,200**	**460**	**3.3**	**4.0**	**4.7**	**2,418**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-4	03/12/2002	8.5-18	137.74	5.03	0.00	0.00	132.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	04/16/2002	8.5-18	137.74	8.69	0.00	0.00	129.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	05/14/2002	8.5-18	137.74	10.02	0.00	0.00	127.72	**22,000**	--	**5,200**	**990**	**4.4**	**5.6**	**4.4**	**4,818**	<100	<2.0	<2.0	<2.0	<500	**6.0**	<2.0	
MW-4	06/11/2002	8.5-18	137.74	10.65	0.00	0.00	127.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	07/16/2002	8.5-18	137.74	11.75	0.00	0.00	125.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	08/13/2002	8.5-18	137.74	12.44	0.00	0.00	125.3	**27,000**	--	**6,200**	**2,000**	**6.0**	**6.0**	**3.9**	**12,018**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-4	09/10/2002	8.5-18	137.74	13.06	0.00	0.00	124.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	11/11/2002	8.5-18	137.74	11.65	0.00	0.00	126.09	**23,000**	--	**5,900**	**1,300**	**4.5**	**4.4**	**3.7**	**16,018**	<100	<2.0	<2.0	<2.0	<500	**38**	<2.0	
MW-4	05/12/2003[23]	8.5-18	137.74	5.88	0.00	0.00	131.86	**6,700**	--	**2,900**	**300**	**4.0**	**4.0**	**4.0**	--	**7.0**	<0.5	<0.5	<0.5	<50	<0.5	<0.5	
MW-4	12/15/2003[4]	8.5-18	137.74	9.60	0.00	0.00	128.14	**8,800**	--	**5,800**	**1,900**	<10	<10	<10	--	<100	<10	<10	<10	<100	<10	<10	
MW-4	06/14/2004[27]	8.5-18	137.74	10.80	0.00	0.00	126.94	**5,400**	--	**6,300**	**1,800**	**5.2**	**12**	<5.0	--	**75**	<5.0	<5.0	<5.0	<50	<5.0	<5.0	
MW-4	12/13/2004[27]	8.5-18	137.74	9.85	0.00	0.00	127.89	**11,000**	--	**3,000**	**130**	**2.2**	**2.3**	**3.0**	--	**13**	<0.50	<0.50	<0.50	<8.0	<0.50	--	
MW-4	12/08/2006[23]	8.5-18	137.74	11.69	0.00	0.00	126.05	**18,000**	--	**3,300**	**270**	**5.0**	**4.0**	**6.0**	--	--	--	--	--	--	--	--	
MW-4	03/09/2007[23]	8.5-18	137.74	5.55	0.00	0.00	132.19	**4,500**	--	**1,100**	**28**	**1.0**	**1.0**	**1.0**	--	--	--	--	--	--	--	--	
MW-4	06/07/2007[23]	8.5-18	137.74	10.40	0.00	0.00	127.34	**2,900**	--	**1,200**	**130**	**1.0**	**0.90**	**0.70**	--	--	--	--	--	--	--	--	
MW-4	09/07/2007[23]	8.5-18	137.74	12.90	0.00	0.00	124.84	**14,000**	--	**2,200**	**220**	**4.0**	**3.0**	**3.0**	--	**20**	--	--	--	--	--	--	
MW-4	12/06/2007[23]	8.5-18	137.74	12.04	0.00	0.00	125.7	**1,800**	--	**3,500**	**270**	**4.0**	**3.0**	**3.0**	--	**35**	--	--	--	--	--	--	
MW-4	03/06/2008[23]	8.5-18	137.74	5.33	0.00	0.00	132.41	**3,600**	--	**1,000**	**33**	**1.0**	**1.0**	**2.0**	--	**4.0**	--	--	--	--	--	--	
MW-4	06/05/2008[23]	8.5-18	137.74	11.23	0.00	0.00	126.51	**6,900**	--	**2,600**	**70**	**3.0**	**2.0**	**3.0**	--	**28**	--	--	--	--	--	--	
MW-4	09/04/2008[23]	8.5-18	137.74	13.43	0.00	0.00	124.31	**62,000**	--	**2,500**	**110**	**3.0**	**4.0**	**3.0**	--	**28**	--	--	--	--	--	--	
MW-4	12/05/2008[23]	8.5-18	137.74	12.80	0.00	0.00	124.94	**35,000**	--	**2,500**	**72**	**3.0**	**3.0**	**3.0**	--	**33**	--	--	--	--	--	--	
MW-4	03/05/2009[23]	8.5-18	137.74	3.38	0.00	0.00	134.36	**8,300**	--	**850**	**18**	**0.60**	**0.70**	**0.70**	--	**9.0**	--	--	--	--	--	--	
MW-4	04/29/2009[23]	8.5-18	137.74	9.56	0.00	0.00	128.18	**23,000**	--	**1,800**	**76**	**1.0**	**1.0**	**1.0**	--	**16**	--	--	--	--	--	--	
MW-4	07/10/2009[23]	8.5-18	137.74	11.93	0.00	0.00	125.81	**20,000**	--	**3,900**	**150**	**3.0**	**2.0**	**3.0**	--	**28**	--	--	--	--	--	--	
MW-4	10/13/2009[23]	8.5-18	137.74	13.45	0.00	0.00	124.29	**100,000**	--	**3,500**	**95**	**3.0**	**2.0**	**3.0**	--	**31**	--	--	--	--	--	--	
MW-4	01/06/2010[23]	8.5-18	137.74	11.00	0.00	0.00	126.74	**63,000**	--	**3,400**	**21**	**1.0**	**1.0**	**1.0**	--	**76**	--	--	--	--	--	--	
MW-4	04/07/2010[48]	8.5-18	137.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	04/22/2010[23]	8.5-18	137.74	5.09	0.00	0.00	132.65	**6,100**	--	**1,500**	**4.0**	**0.90**	**1.0**	**1.0**	--	<2	--	--	--	--	--	--	
MW-4	07/08/2010	8.5-18	137.74	10.08	0.00	0.00	128.52	**84,000**	--	**5,200**	**110**	**5.0**	**2.0**	**5.0**	**26**	**17**	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-4	10/11/2010	8.5-18	137.74	12.74	0.00	0.00	125	**350,000**	--	**5,400**	**31**	**3.0**	**2.0**	**3.0**	**16**	**10.0**	--	--	--	--	--	--	
MW-4	01/06/2011	8.5-18	137.74	3.65	0.00	0.00	134.09	**4,100**	--	**1,200**	**6.0**	**1.0**	**0.60**	**1.0**	**10.0**	**16**	--	--	--	--	--	--	
MW-4	04/12/2011	8.5-18	137.74	5.32	0.00	0.00	132.42	**16,000**	--	**1,100**	**12**	**2.0**	**0.60**	**1.0**	**8.0**	**9.0**	--	--	--	--	--	--	
MW-4	07/15/2011	8.5-18	137.74	10.38	0.00	0.00	127.36	**37,000**	--	**2,100**	**0.80**	**1.0**	**1.0**	**3.0**	**7.0**	**4.0**	--	--	--	--	--	--	
MW-4	10/24/2011	8.5-18	137.74	12.29	0.00	0.00	125.45	**480,051**	--	**2,500**	**2.0**	**2.0**	**2.0**	**2.0**	**13**	**12**	--	--	--	--	--	--	
MW-4	01/11/2012	8.5-18	137.74	13.27	0.00	0.00	124.47	**110,000**	--	**1,700**	**2.0**	**2.0**	**2.0**	**1.0**	**23**	**27**	--	--	--	--	--	--	
MW-4	04/07/2012	8.5-18	137.74	5.05	0.00	0.00	132.69	**9,400**	--	**1,200**	**23**	**1.0**	**0.70**	**0.70**	**6.0**	**11**	--	--	--	--	--	--	
MW-4	07/13/2012	8.5-18	137.74	11.38	0.00	0.00	126.36	**130,000**	--	**1,100**	**17**	**2.0**	**0.70**	**0.70**	**11**	**23**	--	--	--	--	--	--	
MW-4	10/25/2012	8.5-18	137.74	13.31	0.00	0.00	124.43	**49,000**	--	**2,500**	**2.0**	**2.0**	**2.0**	**3.0**	**23**	**36**	--	--	--	--	--	--	
MW-4	01/11/2013	8.5-18	137.74	4.69	0.00	0.00	133.05	**3,800**	--	**1,400**	**7.0**	**0.60**	<0.50	**0.70**	**10.0**	**23**	--	--	--	--	--	--	
MW-4	04/10/2013	8.5-18	137.74	9.27	0.00	0.00	128.47	**4,200**	--	**1,300**	**2.0**	<0.50	<0.50	**1.0**	**12**	**35**	--	--	--	--	--	--	
MW-4	07/01/2013	8.5-18	137.74	11.35	0.00	0.00	126.39	**96,000**	**81,000**	**1,600**	**1.0**	<0.50	<0.50	**1.0**	**12**	**30**	--	--	--	--	--	--	
MW-4	10/03/2013	8.5-18	137.74	13.32	0.00	0.00	124.42	--	**14,000**	**2,000**	**0.90**	<0.50	<0.50	**2.0**	**17**	**29**	--	--	--	--	--	--	
MW-4	01/07/2014	8.5-18	137.74	14.02	0.00	0.00	123.72	**7,900**	**2,400**	**1,500**	**0.90**	<0.50	<0.50	**2.0**	**19**	**33**	--	--	--	--	--	--	
MW-4	07/31/2014	8.5-18	137.74	12.03	0.00	0.00	125.71	--	**51,054**	**870**	**10.0**	<0.50	<0.50	**0.70**	**14**	**32**	--	--	--	--	--	--	
MW-4	01/08/2015	8.5-18	137.74	5.92	0.00	0.00	131.82	**8,800**	**9,854**	**460**	**0.6 J**	<0.50	<0.50	<0.5	**6.0**	**18**	--	--	--	--	--	--	
MW-4	07/22/2015	8.5-18	137.74	12.70	0.00	0.00	125.04	**7,900**	**530**	**750**	**0.5 J**	<0.50	<0.50	**1.0**	**10.0**	**28**	--	--	--	--	--	--	
MW-4	01/21/2016	8.5-18	137.74	4.22	0.00	0.00	133.52	**9,300**	**230**	**49 J**	<0.50	<0.50	<0.50	<0.5	**0.6 J**	**5.0**	--	--	--	--	--	--	
MW-4	07/22/2016	8.5-18	137.74	11.55	0.00	0.00	126.19	**9,900**	**1,600**	**670**	**2.0**	<1.0	<1.0	<1.0	**7.0**	**19**	--	--	--	--	--	--	
MW-4	07/29/2016	8.5-18	137.74	11.80	0.00	0.00	125.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	01/23/2017	8.5-18	137.74	1.23	0.00	0.00	136.51	**2,300** [62]	**21,063**	**840**	**5.0**	<1.0	<1.0	<1.0	**3.0**	**10.0**	--	--	--	--	--	--	
MW-4	07/24/2017	8.5-18	137.74	11.33	0.00	0.00	126.41	**2,900**	**380**	**1,100**	**0.7 J**	<1.0	<1.0	<1.0	**5.0**	**8.0**	--	--	--	--	--	--	
MW-4	01/15/2018	8.5-18	137.74	9.41	0.00	0.00	128.33	**5,000**	**12,066**	**800**	<1.0	<1.0	<1.0	<1.0	**7.0**	**19**	--	--	--	--	--	--	
MW-4	07/25/2018	8.5-18	137.74	11.40	0.00	0.00	**126.34**	**3,400**	**190**	**680**	<1.0	<1.0	<1.0	<1.0	**5.0**	**12**	--	--	--	--	--	--	
MW-4	01/15/2019	8.5-18	137.74	6.37	0.00	0.00	**131.37**	**4,400**	**410**	**580**	**0.4 J**	<0.20	<0.20	<0.50	**3.0**	**16 J**	--	--	--	--	--	--	
MW-5	09/18/1990	9-24	138.60	--	--	--	--	**1,200**	--	**5,400**	**2,020 / 1,600**	<125 / <5.0	<125 / 13	<125 / 75	--	--	--	--	--	--	<125	--	
MW-5	09/28/1990	9-24	138.60	12.43	--	--	126.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	10/22/1990	9-24	138.60	12.84	--	--	125.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	11/14/1990	9-24	138.60	13.69	0.61	--	125.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	12/11/1990	9-24	138.60	14.52	1.22	--	125.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	01/15/1991	9-24	138.60	13.41	1.07	--	126.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	02/12/1991	9-24	138.60	10.56	0.99	--	128.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	03/08/1991	9-24	138.60	5.07	0.43	--	133.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	04/09/1991	9-24	138.60	4.54	0.56	--	134.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	05/13/1991	9-24	138.60	8.67	0.46	--	130.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	06/10/1991	9-24	138.60	10.42	0.25	--	128.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	06/11/1991	9-24	138.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	07/12/1991	9-24	138.60	11.36	0.40	--	127.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	09/10/1991	9-24	138.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	12/09/1991	9-24	138.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	03/03/1992	9-24	138.60	5.64	0.56	--	133.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	06/10/1992	9-24	138.60	11.33	0.58	--	127.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	09/16/1992	9-24	138.60	13.10	0.30	--	125.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	12/10/1992	9-24	138.60	4.88	0.30	--	133.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	03/19/1993	9-24	138.60	4.65	0.40	--	134.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	06/10/1993	9-24	138.60	8.37	0.07	--	130.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	09/13/1993	9-24	138.60	12.83	0.36	--	126.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	01/06/1994	9-24	138.60	10.06	0.23	--	128.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	03/29/1994	9-24	138.60	9.35	0.35	--	129.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	04/27/1994	9-24	138.60	9.39	0.10	--	129.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	05/19/1994	9-24	138.60	10.65	0.18	--	126.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	06/06/1994	9-24	138.60	11.19	0.23	--	127.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	08/07/1994	9-24	138.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	10/07/1994	9-24	138.60	12.50	0.19	--	126.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	10/11/1995	9-24	138.60	13.00	0.10	1.00	125.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	04/22/1996	9-24	138.60	5.93	0.38	1.50	132.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	10/15/1996	9-24	138.60	13.15	0.03	0.50	125.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	04/02/1997	9-24	138.60	8.10	0.01	0.00	130.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	10/28/1997	9-24	138.60	13.30	0.02	1.50	125.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	01/23/1998	9-24	138.60	--	--	--	--	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-5	04/21/1998	9-24	138.60	5.73	0.38	2.00	133.17	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-5	10/06/1998	9-24	138.60	12.42	0.06	0.01	126.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	05/03/1999	9-24	138.60	6.65	0.06	0.01	132	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	10/27/1999	9-24	138.60	13.49	0.17	0.01	125.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	04/26/2000[45]	9-24	138.60	6.46	0.13	0.00	132.24**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	10/25/2000[45]	9-24	138.60	13.26	0.08	0.26	125.40**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	04/30/2001[45]	9-24	138.60	9.20	0.05	0.26	129.44**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	09/11/2001	9-24	138.60	13.24	0.06	0.00	125.41**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	10/16/2001	9-24	138.60	14.01	0.28	0.15	124.81**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	11/13/2001[45]	9-24	138.60	10.45	0.08	0.01	128.21**	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-5	12/11/2001	9-24	138.60	5.13	0.06	0.26	133.52**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	01/15/2002	9-24	138.60	4.15	0.11	0.26	134.54**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	02/12/2002	9-24	138.60	6.22	0.00	0.00	132.38	**47,000**	--	**3,500**	**130**	**2.4**	**5.0**	**6.3**	**218**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-5	03/12/2002	9-24	138.60	5.23	0.04	0.01	133.40**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	04/16/2002	9-24	138.60	7.84	0.05	0.01	130.80**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-5	05/14/2002	9-24	138.60	10.27	0.01	0.00	128.34**	**160,000**	--	**3,800**	**440**	**2.3**	**3.2**	**3.5**	**1,518**	<100	<2.0	<2.0	<2.0	<500	**2.0**	<2.0	
MW-5	06/11/2002	9-24	138.60	11.02	0.11	0.01	127.67**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	07/16/2002	9-24	138.60	11.82	0.02	0.00	126.80**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	08/13/2002[45]	9-24	138.60	12.53	0.06	0.01	126.12**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	09/10/2002	9-24	138.60	13.08	0.08	0.01	125.58**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	11/11/2002[45]	9-24	138.60	11.40	0.03	0.00	127.22**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	05/12/2003[45]	9-24	138.60	6.03	0.03	--	132.59**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	12/15/2003[4]	9-24	138.60	8.75	0.00	0.00	129.85	**83,000**	--	**2,700**	**540**	**4.4**	**17**	**3.7**	--	<25	<2.5	<2.5	<2.5	<25	<2.5	<2.5	
MW-5	03/15/2004[27]	9-24	138.60	4.33	0.00	0.00	134.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	06/14/2004[27]	9-24	138.60	10.66	0.00	0.00	127.94	**22,000**	--	**3,400**	**200**	**1.6**	**4.1**	**2.1**	--	**8.1**	<0.50	<0.50	<0.50	<10	<0.50	<0.50	
MW-5	09/13/2004[27]	9-24	138.60	12.90	0.00	0.00	125.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	12/13/2004[4]	9-24	138.60	9.24	0.00	0.00	129.36	**8,600**	--	**2,700**	**260**	**2.6**	**4.3**	**4.5**	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	--	
MW-5	12/08/2006[23]	9-24	138.60	11.28	0.00	0.00	127.32	**480,000**	--	**3,200**	**400**	**5.0**	**5.0**	**6.0**	--	--	--	--	--	--	--	--	
MW-5	03/09/2007[45]	9-24	138.60	5.65	0.03	--	132.97**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	06/07/2007[45]	9-24	138.60	10.46	0.03	--	128.16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	09/07/2007[45]	9-24	138.60	12.94	0.04	--	125.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	12/06/2007[45]	9-24	138.60	11.67	0.03	--	126.95**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	03/06/2008[23]	9-24	138.60	5.22	0.00	0.00	133.38	**5,400**	--	**2,500**	**160**	**3.0**	**2.0**	**4.0**	--	**2.0**	--	--	--	--	--	--	
MW-5	06/05/2008[23]	9-24	138.60	11.11	0.00	0.00	127.49	**1,400,000**	--	**11,000**	**190**	**2.0**	**2.0**	**4.0**	--	**5.0**	--	--	--	--	--	--	
MW-5	09/04/2008[46]	9-24	138.60	13.40	0.03	0.01	125.22**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	12/05/2008[46]	9-24	138.60	12.48	0.03	0.01	126.14**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	03/05/2009[23]	9-24	138.60	3.82	0.00	0.00	134.78	**10,000**	--	**2,700**	**69**	**1.0**	**1.0**	**2.0**	--	<2	--	--	--	--	--	--	
MW-5	04/29/2009[23]	9-24	138.60	9.61	0.00	0.00	128.99	**9,500**	--	**2,200**	**120**	**1.0**	**0.80**	**2.0**	--	**2.0**	--	--	--	--	--	--	
MW-5	07/10/2009[23]	9-24	138.60	11.33	0.00	0.00	127.27	**66,000**	--	**490,031**	**260**	**3.0**	**2.0**	**5.0**	--	<2.0	--	--	--	--	--	--	
MW-5	10/13/2009[23]	9-24	138.60	13.38	0.00	0.00	125.22	**19,000**	--	**3,900**	**260**	**4.0**	**10.0**	**7.0**	--	<2.0	--	--	--	--	--	--	
MW-5	01/06/2010[23]	9-24	138.60	10.20	0.00	0.00	128.4	**6,600**	--	**3,900**	**160**	**3.0**	**6.0**	**5.0**	--	<2.0	--	--	--	--	--	--	
MW-5	04/07/2010[23]	9-24	138.60	4.67	0.00	0.00	133.93	**5,400**	--	**2,100**	**57**	**1.0**	**3.0**	**3.0**	--	<2.0	--	--	--	--	--	--	
MW-5	07/08/2010	9-24	138.60	10.14	0.00	0.00	127.68	**2,900**	--	**3,900**	**470**	**6.0**	**28**	**7.0**	**7.0**	**3.0**	--	--	--	--	--	--	
MW-5	10/11/2010	9-24	138.60	12.68	0.00	0.00	125.92	**7,900**	--	**4,500**	**360**	**5.0**	**41**	**9.0**	**6.0**	**3.0**	--	--	--	--	--	--	
MW-5	01/06/2011	9-24	138.60	4.05	0.00	0.00	134.55	**5,200**	--	**2,200**	**130**	**2.0**	**2.0**	**3.0**	**5.0**	**5.0**	--	--	--	--	--	--	
MW-5	04/12/2011	9-24	138.60	4.95	0.00	0.00	133.65	**5,600**	--	**2,500**	**110**	**2.0**	**6.0**	**3.0**	**2.0**	<2.0	--	--	--	--	--	--	
MW-5	07/15/2011	9-24	138.60	10.45	0.00	0.00	128.15	**13,000**	--	**3,800**	**310**	**5.0**	**27**	**6.0**	**7.0**	<2.0	--	--	--	--	--	--	
MW-5	10/24/2011	9-24	138.60	12.12	0.00	0.00	126.48	**86,000**	--	**4,200**	**370**	**6.0**	**37**	**9.0**	**4.0**	**2.0**	--	--	--	--	--	--	
MW-5	01/11/2012	9-24	138.60	13.03	0.00	0.00	125.57	**33,000**	--	**4,200**	**300**	**6.0**	**18**	**7.0**	**4.0**	<10	--	--	--	--	--	--	
MW-5	04/07/2012	9-24	138.60	4.87	0.00	0.00	133.73	**5,600**	--	**2,700**	**76**	**2.0**	**5.0**	**4.0**	**1.0**	<2.0	--	--	--	--	--	--	
MW-5	07/13/2012	9-24	138.60	11.26	0.00	0.00	127.34	**64,000**	--	**4,600**	**440**	**5.0**	**11**	<5.0	<5.0	<20	--	--	--	--	--	--	
MW-5	10/25/2012	9-24	138.60	13.13	0.00	0.00	125.47	**9,600**	--	**3,600**	**260**	**4.0**	**4.0**	**6.0**	**4.0**	<10	--	--	--	--	--	--	
MW-5	01/11/2013	9-24	138.60	4.73	0.00	0.00	133.87	**3,700**	--	**2,000**	**26**	**0.90**	**0.90**	**2.0**	<0.5	<2.0	--	--	--	--	--	--	
MW-5	04/10/2013	9-24	138.60	9.25	0.00	0.00	129.35	**15,000**	--	**3,500**	**320**	**5.0**	**9.0**	**6.0**	**5.0**	**3.0**	--	--	--	--	--	--	
MW-5	07/01/2013	9-24	138.60	11.18	0.00	0.00	127.42	**5,400**	**26,000**	**3,600**	**190**	**4.0**	**8.0**	**6.0**	**2.0**	<2	--	--	--	--	--	--	
MW-5	10/03/2013	9-24	138.60	13.32	0.00	0.00	125.28	--	**33,000**	**3,900**	**190**	**5.0**	**4.0**	**7.0**	**4.0**	**3.0**	--	--	--	--	--	--	
MW-5	01/07/2014	9-24	138.60	13.90	0.00	0.00	124.7	**17,000**	**6,500**	**3,100**	**150**	**4.0**	**2.0**	**5.0**	**4.0**	**3.0**	--	--	--	--	--	--	
MW-5	07/31/2014	9-24	138.60	12.06	0.00	0.00	126.54	--	**1,600,055**	**2,600**	**130**	**3.0**	**3.0**	**3.0**	**2.0**	**3.0**	--	--	--	--	--	--	
MW-5	01/08/2015	9-24	138.60	5.93	0.00	0.00	132.67	**8,800**	**550,054**	**930**	**1.0**	<0.50	<0.50	<0.50	<0.50	<2	--	--	--	--	--	--	
MW-5	07/22/2015	9-24	138.60	12.72	0.00	0.00	125.88	**3,900**	**2,100**	**1,700**	**140**	**5.0**	**4.0**	**4.0**	**3.0**	**2 J**	--	--	--	--	--	--	
MW-5	01/21/2016	9-24	138.60	4.65	0.00	0.00	133.95	**5,200**	**1,400**	**600**	**2.0**	**0.6 J**	<0.50	**0.8 J**	<0.50	**4 J**	--	--	--	--	--	--	
MW-5	07/22/2016	9-24	138.60	11.48	0.00	0.00	127.12	**1,900**	**1,100**	**420**	**32**	**0.8 J**	<1.0	<1.0	**1.0**	**2 J**	--	--	--	--	--	--	
MW-5	07/29/2016	9-24	138.60	11.58	0.00	0.00	127.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-5	01/23/2017	9-24	138.60	1.56	0.00	0.00	137.04	**2,000** [62]	**43,063**	**200**	<1.0	<1.0	<1.0	<1.0	<1.0	**2 J**	--	--	--	--	--	--	
MW-5	07/24/2017	9-24	138.60	11.17	0.00	0.00	127.43	**3,700**	**230,053**	**340**	**3.0**	**0.8 J**	<1.0	<1.0	**2.0**	**3 J**	--	--	--	--	--	--	
MW-5	01/15/2018	9-24	138.60	9.35	0.00	0.00	129.25	**23,000**	**48,067**	**550**	**5.0**	**2.0**	**0.7 J**	**2.0**	**1.0**	**8.0**	--	--	--	--	--	--	
MW-5	07/25/2018	9-24	138.60	11.38	0.00	0.00	127.22	**5,500**	**3,700**	**500**	**13**	**2.0**	**0.8 J**	**0.6 J**	**2.0**	<5	--	--	--	--	--	--	
MW-6	09/17/1990	7-22	137.82	--	--	--	--	**400**	--	<50	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	<5.0	--	
MW-6	09/28/1990	7-22	137.82	12.38	--	--	125.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	10/22/1990	7-22	137.82	12.61	--	--	125.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/14/1990	7-22	137.82	12.94	--	--	124.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	12/11/1990	7-22	137.82	13.17	--	--	124.65	**98**	--	**230**	**59**	**0.50**	**4.0**	**1.0**	--	--	--	--	--	--	**2.0**	--	
MW-6	01/15/1991	7-22	137.82	12.49	--	--	125.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	02/12/1991	7-22	137.82	11.16	--	--	126.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	03/08/1991	7-22	137.82	4.67	--	--	133.15	**2,700**	--	**940**	**170**	**14**	**6.0**	**9.0**	--	--	--	--	--	--	<0.50	--	
MW-6	04/09/1991	7-22	137.82	5.51	--	--	132.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	05/13/1991	7-22	137.82	8.72	--	--	129.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	06/10/1991	7-22	137.82	10.23	--	--	127.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	06/11/1991	7-22	137.82	--	--	--	--	**800**	--	**700**	**64**	**3.4**	**3.4**	**7.4**	--	--	--	--	--	--	<0.50	--	
MW-6	07/12/1991	7-22	137.82	11.25	--	--	126.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	08/07/1991	7-22	137.82	11.74	--	--	126.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	09/10/1991	7-22	137.82	12.46	--	--	125.36	**944**	--	**370**	**83**	**23**	**9.2**	**25**	--	--	--	--	--	--	--	--	
MW-6	12/09/1991	7-22	137.82	12.40	--	--	125.42	**320**	--	**590**	**36**	**16**	**17**	**42**	--	--	--	--	--	--	--	--	
MW-6	03/03/1992	7-22	137.82	5.33	--	--	132.49	**340**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-6	06/10/1992	7-22	137.82	10.40	--	--	127.42	**250**	--	**870**	**46**	**0.80**	**5.0**	**5.4**	--	--	--	--	--	--	--	--	
MW-6	09/16/1992	7-22	137.82	12.66	--	--	125.16	**130**	--	**210**	**13**	**1.1**	**0.60**	**0.70**	--	--	--	--	--	--	--	--	
MW-6	12/10/1992	7-22	137.82	6.26	--	--	131.56	**760**	--	**1,200**	**48**	**2.7**	**3.0**	**2.3**	--	--	--	--	--	--	--	--	
MW-6	03/19/1993	7-22	137.82	4.63	--	--	133.19	**700**	--	**470**	**22**	**3.8**	**1.3**	**5.4**	--	--	--	--	--	--	--	--	
MW-6	06/10/1993	7-22	137.82	8.82	--	--	129	**590**	--	**680**	**9.4**	**2.2**	**1.4**	**3.3**	--	--	--	--	--	--	--	--	
MW-6	09/13/1993	7-22	137.82	12.12	--	--	125.7	**130**	--	**880**	**9.4**	**7.2**	**1.9**	**5.4**	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-6	01/06/1994	7-22	137.82	9.92	--	--	127.9	**820**	--	**1,100**	**10.0**	**4.1**	**2.6**	**3.7**	--	--	--	--	--	--	--	--	
MW-6	03/29/1994	7-22	137.82	9.28	--	--	128.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	04/27/1994	7-22	137.82	9.86	--	--	127.96	**400**	--	**610**	**22**	**6.9**	**2.3**	**4.3**	--	--	--	--	--	--	--	--	
MW-6	05/19/1994	7-22	137.82	10.46	--	--	127.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	06/06/1994	7-22	137.82	11.10	--	--	126.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	10/07/1994	7-22	137.82	12.47	--	--	125.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	10/11/1994	7-22	137.82	--	--	--	--	**500**	--	**820**	**39**	**4.2**	**1.9**	**3.5**	--	--	--	--	--	--	--	--	
MW-6	10/11/1995	7-22	137.82	12.51	--	--	125.31	**1,703**	--	**110**	**1.3**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-6	04/22/1996	7-22	137.82	6.35	--	--	131.47	**4,203**	--	**450**	**42**	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	
MW-6	10/15/1996	7-22	137.82	12.74	--	--	125.08	**903**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-6	04/02/1997	7-22	137.82	8.84	--	--	128.98	**4,403**	--	**790**	**18**	**3.4**	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-6	10/28/1997	7-22	137.82	13.01	--	--	124.81	**1,403**	--	**200**	**36**	**0.55**	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-6	01/23/1998	7-22	137.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	04/21/1998	7-22	137.82	6.00	--	--	131.82	**5,203**	--	**5,403**	**6.9**	**2.8**	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-6	10/06/1998	7-22	137.82	12.37	--	--	125.45	**1,803**	--	**280**	**3.3**	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	
MW-6	05/03/1999	7-22	137.82	7.21	--	--	130.61	**11,007**	--	**6,933**	**8.0**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
MW-6	10/27/1999	7-22	137.82	13.25	--	--	124.57	**2,613**	--	**125**	**3.4**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
MW-6	04/26/2000[15]	7-22	137.82	7.06	0.00	0.00	130.76	**518**	--	**14,216**	<0.50	<0.50	<0.50	<0.50	**5.99**[17,18]	--	--	--	--	--	--	--	
MW-6	10/25/2000	7-22	137.82	13.11	0.00	0.00	124.71	**13,816**	--	**227**	**1.3**	**1.5**	<0.500	**1.3**	**25.7**[17,18,20]	--	--	--	--	--	--	--	
MW-6	04/30/2001	7-22	137.82	9.40	0.00	0.00	128.42	**486**	--	**543**	**1.1**	<0.50	<0.50	<0.50	**10.818**	--	--	--	--	--	--	--	
MW-6	09/11/2001	7-22	137.82	13.19	0.00	0.00	124.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	10/16/2001	7-22	137.82	13.61	0.00	0.00	124.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/13/2001	7-22	137.82	11.48	0.00	0.00	126.34	**100**	--	**270**	**2.6**	<0.50	<0.50	<1.5	**2,318**	--	--	--	--	--	--	--	
MW-6	12/11/2001	7-22	137.82	4.72	0.00	0.00	133.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	01/15/2002	7-22	137.82	3.88	0.00	0.00	133.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	02/12/2002	7-22	137.82	6.42	0.00	0.00	131.4	**590**	--	**370**	**5.9**	<1.0	<1.0	<3.0	**318**	--	--	--	--	--	--	--	
MW-6	03/12/2002	7-22	137.82	5.32	0.00	0.00	132.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	04/16/2002	7-22	137.82	8.77	0.00	0.00	129.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	05/14/2002	7-22	137.82	10.14	0.00	0.00	127.68	**600**	--	**650**	<2.0	<0.50	<0.50	<1.5	**918**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-6	06/11/2002	7-22	137.82	10.75	0.00	0.00	127.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	07/16/2002	7-22	137.82	11.92	0.00	0.00	125.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	08/13/2002	7-22	137.82	12.55	0.00	0.00	125.27	**120**	--	**200**	<2.0	<0.50	<0.50	<1.5	**2,418**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-6	09/10/2002	7-22	137.82	13.10	0.00	0.00	124.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/11/2002	7-22	137.82	11.81	0.00	0.00	126.01	**190**	--	**340**	**2.3**	<0.50	<0.50	<1.5	**2,418**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-6	05/12/2003[23]	7-22	137.82	6.08	0.00	0.00	131.74	**340**	--	**410**	**0.90**	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
MW-6	12/15/2003[4]	7-22	137.82	9.58	0.00	0.00	128.24	**190**	--	**270**	<0.50	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
MW-6	06/14/2004[4]	7-22	137.82	10.96	0.00	0.00	126.86	**94**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
MW-6	12/13/2004[27]	7-22	137.82	9.82	0.00	0.00	128	**260**	--	**340**	<0.50	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	--	
MW-6	12/08/2006[23]	7-22	137.82	11.74	0.00	0.00	126.08	**410**	--	**93**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-6	03/09/2007[23]	7-22	137.82	5.78	0.00	0.00	132.04	**400**	--	**290**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-6	06/07/2007[23]	7-22	137.82	10.53	0.00	0.00	127.29	**310**	--	**220**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-6	09/07/2007[23]	7-22	137.82	12.75	0.00	0.00	125.07	**120**	--	**79**	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	12/06/2007[23]	7-22	137.82	11.91	0.00	0.00	125.91	**110**	--	**160**	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	03/06/2008[23]	7-22	137.82	5.46	0.00	0.00	132.36	**330**	--	**190**	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	06/05/2008[23]	7-22	137.82	11.41	0.00	0.00	126.41	**95**	--	**87**	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	09/04/2008[23]	7-22	137.82	13.20	0.00	0.00	124.62	**190**	--	**140**	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	12/05/2008[23]	7-22	137.82	12.52	0.00	0.00	125.3	**290**	--	**180**	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	03/05/2009[23]	7-22	137.82	3.78	0.00	0.00	134.04	**890**	--	**220**	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	04/29/2009[23]	7-22	137.82	9.68	0.00	0.00	128.14	**160**	--	**230**	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	07/10/2009[23]	7-22	137.82	11.41	0.00	0.00	126.41	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	10/13/2009[23]	7-22	137.82	11.98	0.00	0.00	125.84	**240**	--	**92**	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	01/06/2010[23]	7-22	137.82	11.14	0.00	0.00	126.68	**8,835**	--	**96**	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	04/07/2010[23]	7-22	137.82	4.98	0.00	0.00	132.84	**490**	--	**64**	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-6	07/08/2010[41]	7-22	137.82	10.30	0.00	0.00	126.64	**220**	--	**170**	<0.50	<0.50	<0.50	<0.50	**3.0**	<2.0	--	--	--	--	--	--	
MW-6	10/11/2010	7-22	137.82	12.65	0.00	0.00	125.17	**170**	--	**26**	<0.50	<0.50	<0.50	<0.50	**6.0**	<2.0	--	--	--	--	--	--	
MW-6	01/06/2011	7-22	137.82	3.98	0.00	0.00	133.84	**250**	--	**42**	<0.50	<0.50	<0.50	<0.50	<0.5	<2.0	--	--	--	--	--	--	
MW-6	04/12/2011	7-22	137.82	5.19	0.00	0.00	132.63	<50	--	<22	<0.50	<0.50	<0.50	<0.50	**2.0**	<2.0	--	--	--	--	--	--	
MW-6	07/15/2011	7-22	137.82	5.19	0.00	0.00	132.63	**180**	--	**44**	<0.50	<0.50	<0.50	<0.50	**12**	<2.0	--	--	--	--	--	--	
MW-6	10/24/2011	7-22	137.82	12.24	0.00	0.00	125.58	<50	--	<22	<0.50	<0.50	<0.50	<0.50	**13**	<2.0	--	--	--	--	--	--	
MW-6	01/11/2012	7-22	137.82	12.93	0.00	0.00	124.89	**480**	--	**160**	<0.50	<0.50	<0.50	<0.50	**5.0**	<2.0	--	--	--	--	--	--	
MW-6	04/07/2012	7-22	137.82	5.31	0.00	0.00	132.51	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.5	<2.0	--	--	--	--	--	--	
MW-6	07/13/2012	7-22	137.82	11.53	0.00	0.00	126.29	**100**	--	<22	<0.50	<0.50	<0.50	<0.50	**14**	<2.0	--	--	--	--	--	--	
MW-6	10/25/2012	7-22	137.82	12.83	0.00	0.00	124.99	**83**	--	<22	<0.50	<0.50	<0.50	<0.50	**14**	<2.0	--	--	--	--	--	--	
MW-6	01/11/2013	7-22	137.82	4.87	0.00	0.00	132.95	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.5	<2.0	--	--	--	--	--	--	
MW-6	04/10/2013	7-22	137.82	9.46	0.00	0.00	128.36	<50	--	<22	<0.50	<0.50	<0.50	<0.50	**10.0**	<2.0	--	--	--	--	--	--	
MW-6	07/01/2013	7-22	137.82	11.53	0.00	0.00	126.29	**200**	<50	<22	<0.50	<0.50	<0.50	<0.50	**8.0**	<2.0	--	--	--	--	--	--	
MW-6	10/03/2013	7-22	137.82	13.10	0.00	0.00	124.72	--	**84**	**66**	<0.50	<0.50	<0.50	<0.50	**5.0**	<2.0	--	--	--	--	--	--	
MW-6	01/07/2014	7-22	137.82	13.51	0.00	0.00	124.31	**130**	**58**	**34**	<0.50	<0.50	<0.50	<0.50	**6.0**	<2.0	--	--	--	--	--	--	
MW-6	07/31/2014	7-22	137.82	12.06	0.00	0.00	125.76	--	<50[54]	<22	<0.50	<0.50	<0.50	<0.50	**9.0**	<2.0	--	--	--	--	--	--	
MW-6	01/08/2015	7-22	137.82	6.05	0.00	0.00	131.77	**100 J**	**59 J**[54]	**39 J**	<0.50	<0.50	<0.50	<0.50	<0.5	<2.0	--	--	--	--	--	--	
MW-6	07/22/2015	7-22	137.82	12.64	0.00	0.00	125.18	**83 J**	<50[57]	**22 J**	<0.50	<0.50	<0.50	<0.50	**3.0**	<2.0	--	--	--	--	--	--	
MW-6	01/21/2016	7-22	137.82	4.68	0.00	0.00	133.14	**200**	<47	<22	<0.50	<0.50	<0.50	<0.50	**4 J**	--	--	--	--	--	--	--	
MW-6	07/22/2016	7-22	137.82	11.62	0.00	0.00	126.2	<110	<110	<50	<1.0	<1.0	<1.0	<1.0	**10.0**	<5.0	--	--	--	--	--	--	
MW-6	07/29/2016	7-22	137.82	11.52	0.00	0.00	126.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	01/23/2017	7-22	137.82	1.49	0.00	0.00	136.33	**52 J**[62]	<100[63]	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-6	07/24/2017	7-22	137.82	11.42	0.00	0.00	126.4	<100	<100	<50	<1.0	<1.0	<1.0	<1.0	**16**	<5.0	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-6	01/15/2018	7-22	137.82	9.68	0.00	0.00	128.14	**450**	<100[85]	<50	**1.0**	<1.0	<1.0	<1.0	**4.0**	**5.0**	--	--	--	--	--	--	
MW-6	07/25/2018	7-22	137.82	11.60	0.00	0.00	126.22	**49 J**	<100	<50	<1.0	<1.0	<1.0	<1.0	**12**	<5	--	--	--	--	--	--	
MW-7	09/17/1990	7-27	136.94	--	--	--	--	<300	--	<50	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	<5.0	--	
MW-7	09/28/1990	7-27	136.94	12.33	--	--	124.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	10/22/1990	7-27	136.94	12.66	--	--	124.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/14/1990	7-27	136.94	12.93	--	--	124.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	12/11/1990	7-27	136.94	13.28	--	--	123.66	<50	--	<50	<0.50	<0.50	<0.50	**1.0**	--	--	--	--	--	--	<0.50	--	
MW-7	01/15/1991	7-27	136.94	12.82	--	--	124.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	02/12/1991	7-27	136.94	10.77	--	--	126.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	03/08/1991	7-27	136.94	4.55	--	--	132.39	**12,000**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	<0.50	--	
MW-7	04/09/1991	7-27	136.94	5.14	--	--	131.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	05/13/1991	7-27	136.94	8.28	--	--	128.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	06/10/1991	7-27	136.94	9.82	--	--	127.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	06/11/1991	7-27	136.94	--	--	--	--	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	<0.50	--	
MW-7	07/12/1991	7-27	136.94	10.71	--	--	126.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	08/07/1991	7-27	136.94	11.47	--	--	125.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	09/10/1991	7-27	136.94	12.34	--	--	124.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	12/09/1991	7-27	136.94	12.55	--	--	124.39	--	--	**350**	**25**	**25**	**20**	**53**	--	--	--	--	--	--	--	--	
MW-7	03/03/1992	7-27	136.94	5.03	--	--	131.91	--	--	<50	**4.3**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	06/10/1992	7-27	136.94	9.89	--	--	127.05	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	09/16/1992	7-27	136.94	12.55	--	--	124.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	12/10/1992	7-27	136.94	7.27	--	--	129.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	12/11/1992	7-27	136.94	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	03/19/1993	7-27	136.94	4.23	--	--	132.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	06/10/1993	7-27	136.94	8.35	--	--	128.59	<50	--	<50	<0.50	<0.50	<0.50	<1.5	--	--	--	--	--	--	--	--	
MW-7	09/13/1993	7-27	136.94	12.29	--	--	124.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	01/06/1994	7-27	136.94	9.43	--	--	127.51	--	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	03/29/1994	7-27	136.94	8.83	--	--	128.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	04/26/1994	7-27	136.94	9.38	--	--	127.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	04/27/1994	7-27	136.94	--	--	--	--	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	05/19/1994	7-27	136.94	10.03	--	--	126.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	06/06/1994	7-27	136.94	10.62	--	--	126.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	10/07/1994	7-27	136.94	12.84	--	--	124.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	10/11/1994	7-27	136.94	--	--	--	--	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	10/11/1995	7-27	136.94	12.48	--	--	124.46	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	04/22/1996	7-27	136.94	5.92	--	--	131.02	**1,503**	--	**1,203**	**52**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	10/15/1996	7-27	136.94	12.62	--	--	124.32	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	04/02/1997	7-27	136.94	8.44	--	--	128.5	**853**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	10/28/1997	7-27	136.94	13.07	--	--	123.87	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	01/23/1998	7-27	136.94	--	--	--	--	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-7	04/21/1998	7-27	136.94	5.35	--	--	131.59	**73**	--	<50	**3.3**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	10/06/1998	7-27	136.94	12.21	--	--	124.73	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	05/03/1999	7-27	136.94	6.80	--	--	130.14	**12,811**	--	**64.7**	**22.8**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	10/27/1999	7-27	136.94	13.18	--	--	123.76	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	04/26/2000[15]	7-27	136.94	6.66	0.00	0.00	130.28	**104**	--	<50	<0.50	<0.50	<0.50	<0.50	**3.20**[17,18]	--	--	--	--	--	--	--	
MW-7	10/25/2000	7-27	136.94	13.04	0.00	0.00	123.9	<50.0	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	04/30/2001	7-27	136.94	8.91	0.00	0.00	128.03	**177**	--	<50	<0.50	<0.50	<0.50	<0.50	**4.2**	--	--	--	--	--	--	--	
MW-7	09/11/2001	7-27	136.94	13.06	0.00	0.00	123.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	10/16/2001	7-27	136.94	13.58	0.00	0.00	123.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/13/2001	7-27	136.94	12.06	0.00	0.00	124.88	<50	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-7	12/11/2001	7-27	136.94	4.27	0.00	0.00	132.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	01/15/2002	7-27	136.94	3.47	0.00	0.00	133.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	02/12/2002	7-27	136.94	6.03	0.00	0.00	130.91	**100**	--	<50	**7.3**	<0.50	<0.50	<1.5	**418**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-7	03/12/2002	7-27	136.94	4.87	0.00	0.00	132.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	04/16/2002	7-27	136.94	8.33	0.00	0.00	128.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	05/14/2002	7-27	136.94	9.62	0.00	0.00	127.32	**91**	--	<50	<0.50	<0.50	<0.50	<1.5	**318**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-7	06/11/2002	7-27	136.94	10.25	0.00	0.00	126.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	07/16/2002	7-27	136.94	11.60	0.00	0.00	125.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	08/13/2002	7-27	136.94	12.40	0.00	0.00	124.54	<50	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-7	09/10/2002	7-27	136.94	12.97	0.00	0.00	123.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/11/2002	7-27	136.94	12.48	0.00	0.00	124.46	<50	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-7	05/12/2003[23]	7-27	136.94	5.63	0.00	0.00	131.31	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<5	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
MW-7	12/15/2003[4,27]	7-27	136.94	8.89	0.00	0.00	128.05	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
MW-7	06/14/2004[4,27]	7-27	136.94	10.31	0.00	0.00	126.63	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
MW-7	12/13/2004[4,27]	7-27	136.94	9.36	0.00	0.00	127.58	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	--	
MW-7	12/08/2006[23]	7-27	136.94	11.32	0.00	0.00	125.62	**82**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	03/09/2007[23]	7-27	136.94	5.43	0.00	0.00	131.51	**120**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	06/07/2007[23]	7-27	136.94	9.96	0.00	0.00	126.98	**150**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-7	09/07/2007[23]	7-27	136.94	12.46	0.00	0.00	124.48	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-7	12/06/2007[23]	7-27	136.94	12.10	0.00	0.00	124.84	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-7	03/06/2008[23]	7-27	136.94	5.07	0.00	0.00	131.87	**73**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-7	06/05/2008[23]	7-27	136.94	10.86	0.00	0.00	126.08	**70**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-7	09/04/2008[23]	7-27	136.94	13.08	0.00	0.00	123.86	**50**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-7	12/05/2008[23]	7-27	136.94	12.56	0.00	0.00	124.38	**58**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-7	03/05/2009[23]	7-27	136.94	3.50	0.00	0.00	133.44	**75**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-7	04/29/2009[23]	7-27	136.94	9.11	0.00	0.00	127.83	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-7	07/10/2009[23]	7-27	136.94	10.88	0.00	0.00	126.06	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-7	10/13/2009[23]	7-27	136.94	11.50	0.00	0.00	125.44	**59**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-7	01/06/2010[23]	7-27	136.94	14.59	0.00	0.00	122.35	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-7	04/07/2010[23]	7-27	136.94	4.65	0.00	0.00	132.29	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-7	07/08/2010[41]	7-27	136.94	9.68	0.00	0.00	127.76	**62**	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	10/11/2010	7-27	136.94	13.14	0.00	0.00	123.8	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	01/06/2011	7-27	136.94	3.78	0.00	0.00	133.16	<52	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	04/12/2011	7-27	136.94	4.80	0.00	0.00	132.14	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	07/15/2011	7-27	136.94	9.95	0.00	0.00	126.99	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	10/24/2011	7-27	136.94	12.22	0.00	0.00	124.72	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	01/11/2012	7-27	136.94	12.87	0.00	0.00	124.07	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	04/07/2012	7-27	136.94	4.68	0.00	0.00	132.26	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	07/13/2012	7-27	136.94	11.08	0.00	0.00	125.86	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	10/25/2012	7-27	136.94	13.03	0.00	0.00	123.91	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	01/11/2013	7-27	136.94	4.56	0.00	0.00	132.38	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	04/10/2013	7-27	136.94	8.97	0.00	0.00	127.97	**150**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	07/01/2013	7-27	136.94	11.13	0.00	0.00	125.81	<50	<50	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	10/03/2013	7-27	136.94	13.15	0.00	0.00	123.79	--	<50	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	01/07/2014	7-27	136.94	13.62	0.00	0.00	123.32	<50	<50	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	07/31/2014	7-27	136.94	11.91	0.00	0.00	125.03	--	<50[54]	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	01/08/2015	7-27	136.94	5.65	0.00	0.00	131.29	<50	<50[54]	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	07/22/2015	7-27	136.94	12.60	0.00	0.00	124.34	<45	<50[57]	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	01/21/2016	7-27	136.94	4.58	0.00	0.00	132.36	<46	<46	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-7	07/22/2016	7-27	136.94	11.23	0.00	0.00	125.71	<100	<100	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-7	07/29/2016	7-27	136.94	11.78	0.00	0.00	125.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	01/23/2017	7-27	136.94	1.60	0.00	0.00	135.34	**100**[62]	<100[63]	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-7	07/24/2017	7-27	136.94	10.88	0.00	0.00	126.06	**400**	<100	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-7	01/15/2018	7-27	136.94	9.28	0.00	0.00	127.66	<100	<100[67]	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-7	07/25/2018	7-27	136.94	11.23	**0.00**	**0.00**	**125.71**	**<100**	**<100**	**<50**	<1.0	<1.0	<1.0	<1.0	<1.0	**<5**	--	--	--	--	--	--	
MW-8	09/18/1990	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	09/28/1990	10-22.5	138.26	12.59	0.26	--	125.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/22/1990	10-22.5	138.26	12.79	--	--	125.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	11/14/1990	10-22.5	138.26	13.04	0.01	--	125.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	12/11/1990	10-22.5	138.26	13.75	0.43	--	124.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	01/15/1991	10-22.5	138.26	12.68	0.30	--	125.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	02/12/1991	10-22.5	138.26	10.74	0.07	--	127.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	03/08/1991	10-22.5	138.26	5.95	0.01	--	132.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	04/09/1991	10-22.5	138.26	5.63	--	--	132.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	05/13/1991	10-22.5	138.26	9.01	0.01	--	129.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	06/10/1991	10-22.5	138.26	10.46	0.00	--	127.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	06/11/1991	10-22.5	--	--	--	--	--	**33,000**	--	**80,000**	**3,800**	**39**	**1,200**	**890**	--	--	--	--	--	--	**0.80**	--	
MW-8	07/12/1991	10-22.5	138.26	10.97	--	--	127.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	08/07/1991	10-22.5	138.26	11.91	--	--	126.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	09/10/1991	10-22.5	138.26	13.22	0.89	--	125.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	12/09/1991	10-22.5	138.26	12.83	0.69	--	125.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	03/03/1992	10-22.5	138.26	5.47	--	--	132.79	**10,000**	--	**23,000**	**9,300**	**59**	**1,600**	**650**	--	--	--	--	--	--	--	--	
MW-8	06/10/1992	10-22.5	138.26	10.65	0.10	--	127.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	09/16/1992	10-22.5	138.26	13.44	0.83	--	125.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	12/10/1992	10-22.5	138.26	6.00	0.05	--	132.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	03/19/1993	10-22.5	138.26	5.20	1.95	--	134.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	06/10/1993	10-22.5	138.26	9.03	0.08	--	129.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	09/13/1993	10-22.5	138.26	12.70	0.42	--	125.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	01/06/1994	10-22.5	138.26	10.13	0.01	--	128.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	03/29/1994	10-22.5	138.26	9.52	0.01	--	128.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	04/27/1994	10-22.5	138.26	10.07	--	--	128.19	**29,000**	--	**14,000**	**3,100**	**27**	**250**	**75**	--	--	--	--	--	--	--	--	
MW-8	05/19/1994	10-22.5	138.26	10.65	0.65	--	128.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	06/06/1994	10-22.5	138.26	10.95	0.06	--	127.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/07/1994	10-22.5	138.26	12.61	0.57	--	126.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/11/1995	10-22.5	138.26	13.07	0.19	1.50	125.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	04/22/1996	10-22.5	138.26	6.28	0.02	0.25	132	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/15/1996	10-22.5	138.26	13.17	0.05	0.50	125.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	04/02/1997	10-22.5	138.26	9.02	--	0.00	129.24	**1,500,007**	--	**15,000**	**94**	**7.5**	**9.7**	**51**	--	--	--	--	--	--	--	--	
MW-8	10/28/1997	10-22.5	138.26	13.47	0.04	1.50	124.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	01/23/1998	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-8	04/21/1998	10-22.5	138.26	6.10	0.04	2.00	132.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/06/1998	10-22.5	138.26	12.34	0.11	0.01	126.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	05/03/1999[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/27/1999[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	04/27/2000[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/25/2000[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	01/15/2001[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	04/30/2001[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	09/11/2001[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/16/2001[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-8	11/13/2001[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	12/11/2001[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	02/13/2002[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	03/12/2002[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	04/16/2002[42]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	05/14/2002[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	06/11/2002[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	07/16/2002[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	08/13/2002[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	09/10/2002[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	11/11/2002[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	05/12/2003[44]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	07/01/2003[27,47]	10-22.5	138.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	09/18/1990	5.5-25.5	137.44	--	--	--	--	**400**	--	**420**	**230**	<5.0	<5.0	<5.0	--	--	--	--	--	--	<5.0	--	
MW-9	09/28/1990	5.5-25.5	137.44	12.24	--	--	125.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	10/22/1990	5.5-25.5	137.44	12.58	--	--	124.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	11/14/1990	5.5-25.5	137.44	13.38	--	--	124.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	12/11/1990	5.5-25.5	137.44	13.38	--	--	124.06	<50	--	**110**	**25**	<0.5	<0.5	<0.5	--	--	--	--	--	--	**1.0**	--	
MW-9	01/15/1991	5.5-25.5	137.44	12.87	--	--	124.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	02/12/1991	5.5-25.5	137.44	10.62	--	--	126.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	03/08/1991	5.5-25.5	137.44	5.75	--	--	131.69	**14,000**	--	**2,000**	**140**	**3.2**	**36**	**40**	--	--	--	--	--	--	<0.5	--	
MW-9	04/09/1991	5.5-25.5	137.44	3.51	--	--	133.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	05/13/1991	5.5-25.5	137.44	6.94	--	--	130.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	06/10/1991	5.5-25.5	137.44	9.08	--	--	128.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	06/11/1991	5.5-25.5	137.44	--	--	--	--	**1,100**	--	**2,300**	**440**	<5.0	**44**	**6.4**	--	--	--	--	--	--	<0.5	--	
MW-9	07/12/1991	5.5-25.5	137.44	10.74	--	--	126.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	08/07/1991	5.5-25.5	137.44	11.11	--	--	126.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	09/10/1991	5.5-25.5	137.44	12.41	--	--	125.03	**4,104**	--	**1,500**	**490**	<2.5	**2.6**	<2.5	--	--	--	--	--	--	--	--	
MW-9	12/09/1991	5.5-25.5	137.44	12.44	--	--	125	**480**	--	**1,200**	**420**	**3.0**	**21**	**10.0**	--	--	--	--	--	--	--	--	
MW-9	03/03/1992	5.5-25.5	137.44	4.93	--	--	132.51	**60**	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
MW-9	06/10/1992	5.5-25.5	137.44	9.05	--	--	128.39	**990**	--	**1,100**	**180**	**2.8**	**18**	**8.6**	--	--	--	--	--	--	**2.0**	--	
MW-9	09/16/1992	5.5-25.5	137.44	12.41	--	--	125.03	**1,100**	--	**1,100**	**210**	**1.8**	**1.9**	**1.6**	--	--	--	--	--	--	--	--	
MW-9	12/10/1992	5.5-25.5	137.44	3.68	--	--	133.76	**112**	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
MW-9	03/19/1993	5.5-25.5	137.44	1.70	--	--	135.74	**1,900**	--	**7,400**	**980**	**850**	**49**	**1,100**	--	--	--	--	--	--	--	--	
MW-9	06/10/1993	5.5-25.5	137.44	6.69	--	--	130.75	<50	--	**1,500**	**96**	**7.3**	**6.5**	<0.5	--	--	--	--	--	--	<0.5	--	
MW-9	09/13/1993	5.5-25.5	137.44	12.13	--	--	125.31	**1,600**	--	**1,600**	**230**	**10.0**	**10.0**	**16**	--	--	--	--	--	--	--	--	
MW-9	01/06/1994	5.5-25.5	137.44	8.25	--	--	129.19	**9,300**	--	**1,000**	**300**	**3.2**	**11**	**11**	--	--	--	--	--	--	--	--	
MW-9	03/29/1994	5.5-25.5	137.44	5.63	--	--	131.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	04/27/1994	5.5-25.5	137.44	6.87	--	--	130.57	**5,603**	--	**750**	**43**	**7.2**	**4.1**	**3.6**	--	--	--	--	--	--	--	--	
MW-9	05/19/1994	5.5-25.5	137.44	7.79	--	--	129.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	06/06/1994	5.5-25.5	137.44	8.68	--	--	128.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	10/07/1994	5.5-25.5	137.44	12.57	--	--	124.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	10/11/1994	5.5-25.5	137.44	--	--	--	--	**4,500**	--	**330**	**35**	<0.50	**0.60**	**1.1**	--	--	--	--	--	--	--	--	
MW-9	10/11/1995	5.5-25.5	137.44	13.21	--	--	124.23	**26,003**	--	**1,800**	**490**	<5.0	<5.0	<5.0	--	--	--	--	--	--	--	--	
MW-9	04/22/1996	5.5-25.5	137.44	4.28	--	--	133.16	**12,003**	--	**36,012**	**17**	<0.50	**0.64**	<0.50	--	--	--	--	--	--	--	--	
MW-9	10/15/1996	5.5-25.5	137.44	11.96	--	--	125.48	**13,007**	--	**9,203**	**100**	**1.8**	<1.0	<1.0	--	--	--	--	--	--	--	--	
MW-9	04/02/1997	5.5-25.5	137.44	5.01	--	--	132.43	**17,003**	--	**680**	**11**	**0.98**	<0.5	<0.50	--	--	--	--	--	--	--	--	
MW-9	10/28/1997	5.5-25.5	137.44	13.09	--	--	124.35	**25,003**	--	**420**	**6.3**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-9	01/23/1998	5.5-25.5	137.44	--	--	--	--	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-9	04/21/1998[44]	5.5-25.5	137.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	10/06/1998	5.5-25.5	137.44	11.57	--	--	125.87	**3,603**	--	**310**	**38**	<2.5	<2.5	<2.5	--	--	--	--	--	--	--	--	
MW-9	05/03/1999	5.5-25.5	137.44	4.60	--	--	132.84	**13,511**	--	<50	**0.77**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-9	10/27/1999	5.5-25.5	137.44	12.98	--	--	124.46	**1,160**[2,13]	--	**109**	**6.6**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-9	04/26/2000[15]	5.5-25.5	--	--	0.00	0.00	--	**350**	--	<50	<0.500	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-9	04/27/2000	5.5-25.5	137.44	4.20	--	--	133.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	10/25/2000[44]	5.5-25.5	137.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	04/30/2001	5.5-25.5	137.44	7.62	0.00	0.00	129.82	**325**	--	<50	**1.8**	<0.50	<0.50	<0.50	**5.2**	--	--	--	--	--	--	--	
MW-9	09/11/2001	5.5-25.5	137.44	12.97	0.00	0.00	124.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	10/16/2001	5.5-25.5	137.44	13.51	0.00	0.00	123.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	11/13/2001	5.5-25.5	137.44	8.77	0.00	0.00	128.67	**420**	--	<50	**1.3**	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-9	12/11/2001	5.5-25.5	137.44	2.43	0.00	0.00	135.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	01/15/2002	5.5-25.5	137.44	1.64	0.00	0.00	135.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	02/12/2002	5.5-25.5	--	--	0.00	0.00	--	**350**	--	<50	**3.3**	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-9	02/13/2002	5.5-25.5	137.44	6.32	--	--	131.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	03/12/2002	5.5-25.5	137.44	2.14	0.00	0.00	135.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	04/16/2002	5.5-25.5	137.44	6.78	0.00	0.00	130.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	05/14/2002	5.5-25.5	137.44	8.68	0.00	0.00	128.76	**930**	--	<50	**1.0**	<0.50	<0.50	<1.5	**618**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-9	06/11/2002	5.5-25.5	137.44	9.48	0.00	0.00	127.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	07/16/2002	5.5-25.5	137.44	10.78	0.00	0.00	126.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	08/13/2002	5.5-25.5	137.44	11.72	0.00	0.00	125.72	**780**	--	<50	<0.50	<0.50	<0.50	<1.5	**618**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-9	09/10/2002	5.5-25.5	137.44	12.57	0.00	0.00	124.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	11/11/2002	5.5-25.5	137.44	9.58	0.00	0.00	127.86	**620**	--	<100	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-9	05/12/2003[23]	5.5-25.5	137.44	3.59	0.00	0.00	133.85	<50	--	<50	**2.0**	<0.50	<0.50	<0.50	--	<5	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
MW-9	12/15/2003[27]	5.5-25.5	137.44	7.42	0.00	0.00	130.02	**190**	--	<50	<0.5	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
MW-9	06/14/2004[27]	5.5-25.5	137.44	9.49	0.00	0.00	127.95	**210**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-9	12/13/2004[44]	5.5-25.5		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	12/08/2006[44]	5.5-25.5	137.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	03/09/2007[23]	5.5-25.5	137.44	3.30	0.00	0.00	134.14	**490**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-9	06/07/2007[23]	5.5-25.5	137.44	9.17	0.00	0.00	128.27	**450**	--	<50	<0.50	<0.50	<0.50	**0.60**	--	--	--	--	--	--	--	--	
MW-9	09/07/2007[23]	5.5-25.5	137.44	10.83	0.00	0.00	126.61	**780**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-9	12/06/2007[23]	5.5-25.5	137.44	9.96	0.00	0.00	127.48	**1,000**	--	<50	**2.0**	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-9	03/06/2008[23]	5.5-25.5	137.44	3.03	0.00	0.00	134.41	**1,000**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-9	06/05/2008[23]	5.5-25.5	137.44	9.93	0.00	0.00	127.51	**5,600**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-9	09/04/2008[23]	5.5-25.5	137.44	12.80	0.00	0.00	124.64	**770**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-9	12/05/2008[23]	5.5-25.5	137.44	12.48	0.00	0.00	124.96	**720**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-9	03/05/2009[23]	5.5-25.5	137.44	0.86	0.00	0.00	136.58	**360**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-9	04/29/2009[23]	5.5-25.5	137.44	8.42	0.00	0.00	129.02	**320**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-9	07/10/2009[23]	5.5-25.5	137.44	10.60	0.00	0.00	126.84	**570**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-9	10/13/2009[44]	5.5-25.5	137.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	01/06/2010[23]	5.5-25.5	137.44	9.00	0.00	0.00	128.44	**13,036**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-9	04/07/2010[23]	5.5-25.5	137.44	2.08	0.00	0.00	135.36	**130**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-9	07/08/2010[41]	5.5-25.5	137.44	8.88	0.00	0.00	129.19	**210**	--	<50	<0.50	<0.50	<0.50	<0.50	**0.60**	<2.0	--	--	--	--	--	--	
MW-9	10/11/2010	5.5-25.5	137.44	12.13	0.00	0.00	125.31	**570**	--	<22	<0.50	<0.50	<0.50	<0.50	**1.0**	<2.0	--	--	--	--	--	--	
MW-9	01/06/2011	5.5-25.5	137.44	1.43	0.00	0.00	136.01	**130**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	04/12/2011	5.5-25.5	137.44	3.10	0.00	0.00	134.34	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	07/15/2011	5.5-25.5	137.44	9.13	0.00	0.00	128.31	**500**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	10/24/2011	5.5-25.5	137.44	11.26	0.00	0.00	126.18	**220**	--	<22	**2.0**	<0.50	<0.50	<0.50	**0.70**	<2.0	--	--	--	--	--	--	
MW-9	01/11/2012	5.5-25.5	137.44	12.85	0.00	0.00	124.59	**410**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	04/07/2012	5.5-25.5	137.44	2.68	0.00	0.00	134.76	**81**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	07/13/2012	5.5-25.5	137.44	10.13	0.00	0.00	127.31	**550**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	10/25/2012	5.5-25.5	137.44	11.49	0.00	0.00	125.95	**470**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	01/11/2013	5.5-25.5	137.44	2.63	0.00	0.00	134.81	**140**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	04/10/2013	5.5-25.5	137.44	7.21	0.00	0.00	130.23	**95**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	07/01/2013	5.5-25.5	137.44	9.53	0.00	0.00	127.91	**9,300**	**770**	**250**	<0.50	**46**	<0.50	<0.50	<0.50	**8.0**	--	--	--	--	--	--	
MW-9	10/03/2013	5.5-25.5	137.44	13.00	0.00	0.00	124.44	--	**150**	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	01/07/2014	5.5-25.5	137.44	13.71	0.00	0.00	123.73	**630**	**200**	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	07/31/2014	5.5-25.5	137.44	11.37	0.00	0.00	126.07	--	<50[54]	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	01/08/2015	5.5-25.5	137.44	3.95	0.00	0.00	133.49	<50	<50[54]	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	07/22/2015	5.5-25.5	137.44	10.83	0.00	0.00	126.61	**61 J**	<50[57]	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	01/21/2016	5.5-25.5	137.44	1.19	0.00	0.00	136.25	**140**	<47	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-9	07/22/2016	5.5-25.5	137.44	10.68	0.00	0.00	126.76	**180**	<100	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-9	07/29/2016	5.5-25.5	137.44	10.93	0.00	0.00	126.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	01/23/2017	5.5-25.5	137.44	0.38	0.00	0.00	137.06	**130**[62]	<100[63]	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-9	07/24/2017	5.5-25.5	137.44	10.13	0.00	0.00	127.31	**140**	<100	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-9	01/15/2018	5.5-25.5	137.44	6.31	0.00	0.00	131.13	**180**	**71 J**[67]	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-9	07/25/2018	5.5-25.5	137.44	10.31	**0.00**	**0.00**	**127.13**	**130**	**<110**	**<50**	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-9	01/15/2019	5.5-25.5	137.44	2.58	0.00	0.00	134.86	**79 J**	<46	<25	<0.20	<0.20	<0.20	<0.50	<0.20	<10	--	--	--	--	--	--	
MW-10	09/18/1990	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	09/28/1990	7-27	138.07	14.24	2.74	--	126.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/22/1990	7-27	138.07	15.93	4.32	--	125.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	11/14/1990	7-27	138.07	16.68	4.89	--	125.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/11/1990	7-27	138.07	13.20	3.93	--	128.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	01/15/1991	7-27	138.07	15.65	4.25	--	125.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	02/12/1991	7-27	138.07	9.22	--	--	128.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	03/08/1991	7-27	138.07	3.35	0.11	--	134.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	04/09/1991	7-27	138.07	4.15	0.12	--	134.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	05/13/1991	7-27	138.07	7.50	0.22	--	130.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	06/10/1991	7-27	138.07	9.38	0.21	--	128.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	06/11/1991	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	07/12/1991	7-27	138.07	10.58	0.55	--	127.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	08/07/1991	7-27	138.07	11.45	0.64	--	127.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	09/10/1991	7-27	138.07	14.23	2.60	--	125.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/09/1991	7-27	138.07	13.10	1.88	--	126.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	03/03/1992	7-27	138.07	4.59	0.93	--	134.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	06/10/1992	7-27	138.07	9.66	0.23	--	128.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	09/16/1992	7-27	138.07	15.02	3.31	--	125.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/10/1992	7-27	138.07	4.45	1.80	--	135.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	03/19/1993	7-27	138.07	3.90	2.01	--	135.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	06/10/1993	7-27	138.07	7.59	2.01	--	132.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	09/13/1993	7-27	138.07	13.60	2.10	--	126.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	01/06/1994[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	03/29/1994[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	04/29/1994[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	05/19/1994[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	06/06/1994[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/07/1994[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/11/1995[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	04/22/1996[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/15/1996[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	04/02/1997[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-10	10/28/1997[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	01/23/1998	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	<620	<12	<12	<12	<3,100	--	--	
MW-10	04/21/1998	7-27	138.07	5.37	1.64	2.00	134.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	05/20/1998	7-27	138.07	6.02	0.21	2.00	132.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/06/1998	7-27	138.07	11.26	0.33	0.03	127.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	05/03/1999	7-27	138.07	6.22	0.92	0.26	132.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/27/1999	7-27	138.07	13.94	1.52	0.40	125.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	04/26/2000[45]	7-27	138.07	5.25	0.60	0.00	133.30**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/25/2000[45]	7-27	138.07	13.49	1.21	0.26	125.55**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	04/30/2001[45]	7-27	138.07	7.98	0.31	0.26	130.34**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	09/11/2001	7-27	138.07	12.34	0.77	0.00	126.35**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/16/2001	7-27	138.07	14.27	1.41	0.15	124.93**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	11/13/2001[45]	7-27	138.07	9.36	0.10	0.15	128.79**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/11/2001	7-27	138.07	3.40	0.00	0.00	134.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	01/15/2002	7-27	138.07	2.41	0.00	0.00	135.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	02/12/2002	7-27	138.07	4.36	0.00	0.00	133.71	**17,000**	--	**16,000**	**690**	**28**	**1,400**	**120**	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-10	03/12/2002	7-27	138.07	3.13	0.00	0.00	134.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	04/16/2002	7-27	138.07	7.02	0.03	0.01	131.07**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	05/14/2002	7-27	138.07	8.81	0.00	0.00	129.26	**340,000**	--	**89,000**	**600**	<50	**2,800**	**280**	<3.0[18]	<100	<3.0	<3.0	<3.0	<500	**22**	<3.0	
MW-10	06/11/2002	7-27	138.07	9.54	0.11	0.01	128.62**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	07/16/2002	7-27	138.07	10.54	0.17	0.01	127.67**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	08/13/2002[45]	7-27	138.07	11.17	0.19	0.01	127.05**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	09/10/2002	7-27	138.07	12.11	0.53	0.11	126.38**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	11/11/2002[45]	7-27	138.07	10.38	0.10	0.01	127.77**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	05/12/2003[45]	7-27	138.07	4.38	0.12	0.01	133.79**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/15/2003[27,46]	7-27	138.07	7.26	0.01	0.00	130.82**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	03/15/2004[27]	7-27	138.07	3.36	0.02	0.01	134.73**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	06/14/2004[4,27]	7-27	138.07	9.26	0.00	0.00	128.81	<4,000	--	**9,200**	**140**	**7.3**	**1,000**	**43**	--	<20	<2.0	<2.0	<2.0	<20	<2.0	<2.0	
MW-10	09/13/2004[27]	7-27	138.07	11.92	0.02	0.00	126.17**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/13/2004[27,46]	7-27	138.07	8.35	0.02	0.01	129.74**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/08/2006[45]	7-27	138.07	10.72	0.04	0.01	127.38**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	03/09/2007[45]	7-27	138.07	4.10	0.03	--	133.99**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	06/07/2007[45]	7-27	138.07	9.44	0.05	0.01	128.67**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	09/07/2007[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/06/2007[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/18/2007[44]	7-27	138.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/21/2007	7-27	138.07	8.63	0.00	0.00	129.44	**9,600**	--	**15,000**	**1,100**	**30**	**1,000**	**93**	--	<8	--	--	--	--	--	--	
MW-10	03/06/2008[45]	7-27	138.07	3.75	0.10	1.04	134.40**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	06/05/2008[45]	7-27	138.07	10.38	0.06	1.03	127.74**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	09/04/2008[45]	7-27	138.07	13.40	0.50	0.03	125.07**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/05/2008[45]	7-27	138.07	12.49	0.26	0.13	125.79**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	03/05/2009[23]	7-27	138.07	2.28	0.00	0.00	135.79	**7,700**	--	**15,000**	**1,100**	**27**	**970**	**94**	--	<10	--	--	--	--	--	--	
MW-10	04/29/2009[45]	7-27	138.07	8.79	0.04	0.00	129.31**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	07/10/2009[23]	7-27	138.07	10.84	0.00	0.00	127.23	**7,400**	--	**14,000**	**430**	**23**	**680**	**71**	--	<4	--	--	--	--	--	--	
MW-10	10/13/2009[45]	7-27	138.07	13.04	0.05	0.00	125.07**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	01/06/2010[23]	7-27	138.07	9.75	0.00	0.00	128.32	**12,000**	--	**16,000**	**1,400**	**38**	**720**	**150**	--	**13**	--	--	--	--	--	--	
MW-10	04/07/2010[45]	7-27	138.07	3.07	0.04	0.00	135.03**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	07/08/2010	7-27	138.07	9.39	0.00	0.00	127.17	**3,500**	--	**13,000**	**590**	**27**	**590**	**100**	<3	<10	--	--	--	--	--	--	
MW-10	10/11/2010[1]	7-27	138.07	12.67	0.29	0.00	125.63**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	01/06/2011[1]	7-27	138.07	2.40	0.00	0.00	135.67	**9,000**	--	**12,000**	**470**	**23**	**340**	**81**	**0.70**	**8.0**	--	--	--	--	--	--	
MW-10	04/12/2011[1]	7-27	138.07	3.52	0.04	0.00	134.58**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	07/15/2011	7-27	138.07	9.60	0.00	0.00	128.47	**34,000**	--	**36,000**	**250**	**15**	**410**	**97**	<5	<20	--	--	--	--	--	--	
MW-10	10/24/2011	7-27	138.07	11.84	0.06	0.00	126.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	01/11/2012	7-27	138.07	13.02	0.34	0.00	125.32*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	04/07/2012	7-27	138.07	3.68	0.00	0.00	134.39	**3,900**	--	**11,000**	**570**	**23**	**320**	**88**	<3	<10	--	--	--	--	--	--	
MW-10	07/13/2012	7-27	138.07	10.53	0.00	0.00	127.54	**110,000**	--	**31,000**	**300**	**14**	**270**	**65**	<5	<20	--	--	--	--	--	--	
MW-10	10/25/2012	7-27	138.07	12.73	0.00	0.00	125.34	**27,000**	--	**13,000**	**470**	**19**	**100**	**71**	<5	<20	--	--	--	--	--	--	
MW-10	01/11/2013	7-27	138.07	3.28	0.00	0.00	134.79	**4,800**	--	**9,600**	**370**	**17**	**170**	**58**	<5	<20	--	--	--	--	--	--	
MW-10	04/10/2013	7-27	138.07	7.88	0.00	0.00	130.19	**1,500**	--	**10,000**	**260**	**14**	**88**	**50**	**0.50**	**4.0**	--	--	--	--	--	--	
MW-10	07/01/2013	7-27	138.07	10.75	0.00	0.00	127.32	**21,000**	**16,000**	**34,000**	**300**	**14**	**70**	**55**	<0.5	**5.0**	--	--	--	--	--	--	
MW-10	10/03/2013	7-27	138.07	12.97	0.00	0.00	125.1	--	**59,000**	**12,000**	**340**	**15**	**49**	**65**	<1	**6.0**	--	--	--	--	--	--	
MW-10	01/07/2014[1]	7-27	138.07	13.51	0.03	0.00	124.58**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	07/31/2014	7-27	138.07	11.48	0.00	0.00	126.59	--	**3,200,055**	**16,000**	**300**	**12**	**52**	**37**	<0.5	**4.0**	--	--	--	--	--	--	
MW-10	01/08/2015	7-27	138.07	4.56	0.00	0.00	133.51	**5,000**	**270,054**	**8,400**	**310**	**13**	**75**	**42**	<0.5	**6.0**	--	--	--	--	--	--	
MW-10	07/22/2015	7-27	138.07	12.50	0.00	0.00	125.57	**8,000**	**3,400**	**27,000**	**310**	**12**	**76**	**45**	<5	<20	--	--	--	--	--	--	
MW-10	01/21/2016	7-27	138.07	2.83	0.00	0.00	135.24	**3,900**	**1,900**	**5,900**	**260**	**9.0**	**65**	**29**	<1	<4	--	--	--	--	--	--	
MW-10	07/22/2016	7-27	138.07	10.73	0.00	0.00	127.34	**8,200**	**4,700**	**12,000**	**170**	**9.0**	**61**	**32**	<5	**12 J**	--	--	--	--	--	--	
MW-10	07/29/2016	7-27	138.07	10.98	0.00	0.00	127.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	01/23/2017	7-27	138.07	0.75	0.00	0.00	137.32	**3,500** [52]	**2,100** [63]	**6,300**	**250**	**11**	**58**	**21**	<10	**30 J**	--	--	--	--	--	--	
MW-10	07/24/2017	7-27	138.07	10.35	0.00	0.00	127.72	**3,700**	**2,800**	**8,300**	**150**	**8 J**	**39**	**19**	<10	<50	--	--	--	--	--	--	
MW-10	01/15/2018	7-27	138.07	7.22	0.00	0.00	130.85	**5,700**	**620**	**1,400**	**150**	**4 J**	**20**	**7.0**	<5	<25	--	--	--	--	--	--	
MW-10	07/25/2018	7-27	138.07	10.53	**0.00**	**0.00**	**127.54**	**3,100**	**1,800**	**6,700**	**130**	**6.0**	**33**	**15**	**<5**	**<25**	--	--	--	--	--	--	
MW-10	01/15/2019	7-27	138.07	4.27	0.00	0.00	133.8	**1,900**	**640**	**6,100**	**160**	**6.0**	**31**	**12 J**	**<1.0**	**<50**	--	--	--	--	--	--	
MW-11	03/03/1992	3.5-13	136.34	3.72	--	--	132.62	<50	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
MW-11	06/10/1992	3.5-13	136.34	8.01	--	--	128.33	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	<1.0	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-11	09/16/1992	3.5-13	136.34	10.17	--	--	126.17	--	--	**150**	**8.6**	**20**	**1.3**	**38**	--	--	--	--	--	--	--	--	
MW-11	12/10/1992	3.5-13	136.34	5.02	--	--	131.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	12/11/1992	3.5-13	136.34	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
MW-11	03/19/1993	3.5-13	136.34	2.68	--	--	133.66	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
MW-11	06/10/1993	3.5-13	136.34	6.53	--	--	129.81	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
MW-11	09/13/1993	3.5-13	136.34	10.04	--	--	126.3	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
MW-11	01/06/1994	3.5-13	136.34	7.54	--	--	128.8	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
MW-11	03/29/1994	3.5-13	136.34	6.66	--	--	129.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	04/27/1994	3.5-13	136.34	7.38	--	--	128.96	<50	--	<50	**2.3**	**2.4**	**0.60**	**2.8**	--	--	--	--	--	--	--	--	
MW-11	05/19/1994	3.5-13	136.34	8.04	--	--	128.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	06/06/1994	3.5-13	136.34	8.61	--	--	127.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	10/07/1994	3.5-13	136.34	10.29	--	--	126.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	10/11/1994	3.5-13	136.34	--	--	--	--	<50	--	**110**	**7.3**	**10.0**	**3.8**	**8.3**	--	--	--	--	--	--	--	--	
MW-11	10/11/1995[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	04/22/1996[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	10/15/1996[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	04/02/1997[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	10/28/1997	3.5-13	136.34	10.28	--	--	126.06	<50	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
MW-11	01/23/1998	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-11	04/21/1998	3.5-13	136.34	4.73	--	--	131.61	<50	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	
MW-11	10/06/1998[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	05/03/1999[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	10/27/19994	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	04/27/2000[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	10/25/2000[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	04/30/2001[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	09/11/2001[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	10/16/2001[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	11/13/2001[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	12/11/2001[44]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	01/15/2002[42]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	02/13/2002[42]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	03/12/2002[42]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	04/16/2002[42]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	05/14/2002[42]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	06/11/2002[42]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	07/16/2002[42]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	08/13/2002[42]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	09/10/2002[42]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	11/11/2002[42]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	05/12/2003[42]	3.5-13	136.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	07/01/2003[27,45]	3.5-13	136.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	03/03/1992	4-19	136.56	5.58	--	--	130.98	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	06/10/1992	4-19	136.56	10.58	--	--	125.98	--	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	09/16/1992	4-19	136.56	13.00	--	--	123.56	--	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	12/10/1992	4-19	136.56	6.64	--	--	129.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	12/11/1992	4-19	136.56	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	**0.70**	--	--	--	--	--	--	--	--	
MW-12	03/19/1993	4-19	136.56	5.08	--	--	131.48	--	--	<50	**1.2**	<0.50	<0.50	<1.5	--	--	--	--	--	--	--	--	
MW-12	06/10/1993	4-19	136.56	8.99	--	--	127.57	--	--	<50	<0.50	<0.6	<0.50	<1.5	--	--	--	--	--	--	--	--	
MW-12	09/13/1993	4-19	136.56	12.80	--	--	123.76	--	--	<50	<0.50	<0.50	<0.50	<1.5	--	--	--	--	--	--	--	--	
MW-12	01/06/1994	4-19	136.56	10.20	--	--	126.36	--	--	<50	**0.90**	**1.0**	<0.5	**1.3**	--	--	--	--	--	--	--	--	
MW-12	03/29/1994	4-19	136.56	9.73	--	--	126.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	04/27/1994	4-19	136.56	9.70	--	--	126.86	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	05/19/1994	4-19	136.56	10.82	--	--	125.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	06/06/1994	4-19	136.56	11.35	--	--	125.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	10/07/1994	4-19	136.56	13.51	--	--	123.05	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	10/11/1995	4-19	136.56	13.20	--	--	123.36	**6,203**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	04/22/1996	4-19	136.56	7.02	--	--	129.54	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	10/15/1996	4-19	136.56	13.35	--	--	123.21	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	04/02/1997	4-19	136.56	9.57	--	--	126.99	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	10/28/1997	4-19	136.56	13.97	--	--	122.59	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	01/23/1998	4-19	136.56	--	--	--	--	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-12	04/21/1998	4-19	136.56	6.39	--	--	130.17	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	10/06/1998	4-19	136.56	12.96	--	--	123.6	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	05/03/1999	4-19	136.56	7.70	--	--	128.86	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	10/27/1999	4-19	136.56	13.85	--	--	122.71	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	04/26/2000[15]	4-19	136.56	7.39	0.00	0.00	129.17	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	10/25/2000	4-19	136.56	13.63	0.00	0.00	122.93	**87.416**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	04/30/2001	4-19	136.56	9.71	0.00	0.00	126.85	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-12	09/11/2001	4-19	136.56	13.68	0.00	0.00	122.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	10/16/2001[44]	4-19	136.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	11/13/2001	4-19	136.56	11.31	0.00	0.00	125.25	<50	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-12	12/11/2001	4-19	136.56	4.66	0.00	0.00	131.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	01/15/2002	4-19	136.56	4.00	0.00	0.00	132.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	02/12/2002	4-19	136.56	7.03	0.00	0.00	129.53	<50	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-12	03/12/2002	4-19	136.56	5.16	0.00	0.00	131.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	04/16/2002	4-19	136.56	9.24	0.00	0.00	127.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	05/14/2002	4-19	136.56	10.53	0.00	0.00	126.03	<50	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-12	06/11/2002	4-19	136.56	11.22	0.00	0.00	125.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	07/16/2002	4-19	136.56	12.25	0.00	0.00	124.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	08/13/2002	4-19	136.56	12.90	0.00	0.00	123.66	<50	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-12	09/10/2002	4-19	136.56	13.61	0.00	0.00	122.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	11/11/2002	4-19	136.56	12.25	0.00	0.00	124.31	<50	--	<100	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-12	05/12/2003[23]	4-19	136.56	6.31	0.00	0.00	130.25	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
MW-12	12/15/2003[27]	4-19	136.56	8.35	0.00	0.00	128.21	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
MW-12	06/14/2004[27]	4-19	136.56	11.06	0.00	0.00	125.5	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
MW-12	12/13/2004[4]	4-19	136.56	9.95	0.00	0.00	126.61	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	--	
MW-12	12/08/2006	4-19	136.56	12.30	0.00	0.00	124.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	03/09/2007	4-19	136.56	6.08	0.00	0.00	130.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	06/07/2007	4-19	136.56	10.85	0.00	0.00	125.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	09/07/2007	4-19	136.56	13.23	0.00	0.00	123.33	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	12/06/2007[43]	4-19	136.56	12.91	0.00	0.00	123.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	03/06/2008	4-19	136.56	5.98	0.00	0.00	130.58	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	06/05/2008[43]	4-19	136.56	11.73	0.00	0.00	124.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	09/04/2008	4-19	136.56	14.00	0.00	0.00	122.56	**54**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	12/05/2008[43]	4-19	136.56	13.63	0.00	0.00	122.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	03/05/2009	4-19	136.56	3.31	0.00	0.00	133.25	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	04/29/2009[43]	4-19	136.56	10.13	0.00	0.00	126.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	07/10/2009[23]	4-19	136.56	11.75	0.00	0.00	124.81	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2	--	--	--	--	--	--	
MW-12	10/13/2009	4-19	136.56	13.68	0.00	0.00	122.88	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	01/06/2010[43]	4-19	136.56	11.40	0.00	0.00	125.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	04/07/2010	4-19	136.56	5.03	0.00	0.00	131.53	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	07/08/2010[41]	4-19	136.56	10.65	0.00	0.00	131.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	10/11/2010	4-19	136.56	13.23	0.00	0.00	123.33	<50	--	--	--	--	--	--	<0.50	--	--	--	--	--	--	--	
MW-12	01/06/2011	4-19	136.56	3.77	0.00	0.00	132.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	04/12/2011	4-19	136.56	5.54	0.00	0.00	131.02	<50	--	--	--	--	--	--	<0.50	--	--	--	--	--	--	--	
MW-12	07/15/2011[40]	4-19	136.56	--	0.00	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	10/24/2011	4-19	136.56	13.07	0.00	0.00	123.49	<50	--	--	--	--	--	--	<0.50	--	--	--	--	--	--	--	
MW-12	01/11/2012	4-19	136.56	13.74	0.00	0.00	122.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	04/07/2012	4-19	136.56	5.33	0.00	0.00	131.23	<50	--	--	--	--	--	--	<0.50	--	--	--	--	--	--	--	
MW-12	07/13/2012[6]	4-19	136.56	11.75	0.00	0.00	124.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	10/25/2012	4-19	136.56	14.01	0.00	0.00	122.55	<50	--	--	--	--	--	--	<0.50	--	--	--	--	--	--	--	
MW-12	01/11/2013[6]	4-19	136.56	4.99	0.00	0.00	131.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	04/10/2013	4-19	136.56	9.23	0.00	0.00	127.33	**6,600**	--	--	--	--	--	--	<0.50	--	--	--	--	--	--	--	
MW-12	07/01/2013[6]	4-19	136.56	11.81	0.00	0.00	124.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	07/05/2013	4-19	136.56	11.98	0.00	0.00	124.58	<50	<50	<22	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	
MW-12	10/03/2013	4-19	136.56	13.96	0.00	0.00	122.6	--	<50	**38**	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-12	01/07/2014[5]	4-19	136.56	14.44	0.00	0.00	122.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	07/31/2014	4-19	136.56	12.56	0.00	0.00	124	--	<50[54]	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-12	01/08/2015	4-19	136.56	6.55	0.00	0.00	130.01	<50[56]	<50[54,56]	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-12	07/22/2015	4-19	136.56	13.26	0.00	0.00	123.3	<45	<50[57]	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-12	01/21/2016	4-19	136.56	4.16	0.00	0.00	132.4	<47	<47	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-12	07/29/2016	4-19	136.56	12.20	0.00	0.00	124.36	<100	<100	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-12	1/23/2017[44]	4-19	136.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	07/24/2017	4-19	136.56	11.34	0.00	0.00	125.22	**50 J**	<100	<50	<1.0	<1.0	<1.0	<1.0	<1.0	**4 J**	--	--	--	--	--	--	
MW-12	01/15/2018	4-19	136.56	9.58	0.00	0.00	126.98	<100	<100[65]	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-12	07/25/2018	4-19	136.56	11.81	**0.00**	**0.00**	**124.75**	**<100**	**<100**	**<50**	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-12	01/15/2019	4-19	136.56	6.88	0.00	0.00	129.68	**<46**	**<46**	**<25**	**<0.20**	**<0.20**	**<0.20**	**<0.50**	**<0.20**	**<10**	--	--	--	--	--	--	
MW-13	03/03/1992	3-18	137.94	6.58	--	--	131.26	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-13	06/10/1992	3-18	137.94	11.46	--	--	126.48	--	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-13	09/16/1992	3-18	137.94	13.66	--	--	124.28	--	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-13	12/10/1992	3-18	137.94	7.58	--	--	130.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	12/11/1992	3-18	137.94	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-13	03/19/1993	3-18	137.94	5.76	--	--	132.18	--	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-13	06/10/1993	3-18	137.94	10.07	--	--	127.87	--	--	**160**	**1.7**	<0.50	<0.50	<1.5	--	--	--	--	--	--	--	--	
MW-13	09/13/1993	3-18	137.94	13.50	--	--	124.44	--	--	**82**	<0.50	<0.50	<0.50	<1.5	--	--	--	--	--	--	--	--	
MW-13	01/06/1994	3-18	137.94	11.08	--	--	126.86	--	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-13	03/29/1994	3-18	137.94	10.67	--	--	127.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	04/27/1994	3-18	137.94	10.75	--	--	127.19	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-13	05/19/1994	3-18	137.94	11.68	--	--	126.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	06/06/1994	3-18	137.94	12.19	--	--	125.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	10/07/1994	3-18	137.94	14.11	--	--	123.83	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-13	10/11/1995	3-18	137.94	13.89	--	--	124.05	**<50**	--	**<50**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-13	04/22/1996	3-18	137.94	7.92	--	--	130.02	**903**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-13	10/15/1996	3-18	137.94	14.05	--	--	123.89	**633**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-13	04/02/1997	3-18	137.94	10.42	--	--	127.52	**623**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-13	10/28/1997	3-18	137.94	14.59	--	--	123.35	**523**	--	<50	**0.96**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-13	01/23/1998	3-18	137.94	--	--	--	--	--	--	--	--	--	--	--	--	<100	<2.0	<2.0	<2.0	<500	--	--	
MW-13	04/21/1998	3-18	137.94	7.54	--	--	130.4	**170**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-13	10/06/1998	3-18	137.94	13.70	--	--	124.24	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-13	05/03/1999	3-18	137.94	8.75	--	--	129.19	**65.711**	--	<50	<0.50	<0.50	**0.61**	<0.50	--	--	--	--	--	--	--	--	
MW-13	10/27/1999	3-18	137.94	14.48	--	--	123.46	**146**[3,13]	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-13	04/26/2000[15]	3-18	137.94	8.69	0.00	0.00	129.25	<50.0	--	<50.0	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-13	10/25/2000	3-18	137.94	14.36	0.00	0.00	123.58	**12,616**	--	<50.0	<0.50	<0.50	<0.50	<0.50	**11.5**[18,20,22]	--	--	--	--	--	--	--	
MW-13	04/30/2001	3-18	137.94	10.67	0.00	0.00	127.27	**148**	--	<50.0	<0.50	<0.50	<0.50	<0.50	**7.6**	--	--	--	--	--	--	--	
MW-13	09/11/2001	3-18	137.94	14.40	0.00	0.00	123.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	10/16/2001	3-18	137.94	14.83	0.00	0.00	123.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	11/13/2001	3-18	137.94	12.69	0.00	0.00	125.25	**290**	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-13	12/11/2001	3-18	137.94	3.65	0.00	0.00	134.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	01/15/2002	3-18	137.94	4.83	0.00	0.00	133.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	02/12/2002	3-18	137.94	8.00	0.00	0.00	129.94	**79**	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-13	03/12/2002	3-18	137.94	5.88	0.00	0.00	132.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	04/16/2002	3-18	137.94	10.08	0.00	0.00	127.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	05/14/2002	3-18	137.94	11.35	0.00	0.00	126.59	**150**	--	<50	<0.50	<0.50	<0.50	<1.5	**718**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-13	06/11/2002	3-18	137.94	12.03	0.00	0.00	125.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	07/16/2002	3-18	137.94	13.01	0.00	0.00	124.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	08/13/2002	3-18	137.94	13.42	0.00	0.00	124.52	**350**	--	<50	<0.50	<0.50	<0.50	<1.5	**1,518**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-13	09/10/2002	3-18	137.94	14.28	0.00	0.00	123.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	11/11/2002	3-18	137.94	13.45	0.00	0.00	124.49	**130**	--	<100	<0.50	<0.50	<0.50	<1.5	**718**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-13	05/12/2003[23]	3-18	137.94	7.46	0.00	0.00	130.48	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	<5	<0.5	<0.5	<0.5	<50	<0.5	<0.5	
MW-13	12/08/2006[42]	3-18	137.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	03/09/2007[42]	3-18	137.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	06/07/2007[42]	3-18	137.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	09/07/2007[42]	3-18	137.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13	12/06/2007[42]	3-18	137.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13A	06/05/2008[23,30]	5-20	141.76	14.11	0.00	0.00	127.65	**140**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-13A	09/04/2008[23]	5-20	141.76	16.23	0.00	0.00	125.53	**60**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-13A	12/05/2008[23]	5-20	141.76	15.88	0.00	0.00	125.88	**69**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-13A	03/05/2009[23]	5-20	141.76	4.68	0.00	0.00	137.08	**340**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-13A	04/29/2009[23]	5-20	141.76	12.57	0.00	0.00	129.19	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-13A	07/10/2009[23]	5-20	141.76	14.14	0.00	0.00	127.62	**74**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-13A	10/13/2009[23]	5-20	141.76	15.33	0.00	0.00	126.43	**130**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-13A	01/06/2010[23]	5-20	141.76	13.81	0.00	0.00	127.95	**6,336**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-13A	04/07/2010[23]	5-20	141.76	7.55	0.00	0.00	134.21	**60**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-13A	07/08/2010[5]	5-20	141.76	14.27	0.00	0.00	124.54*	**120**	--	<50	<0.50	<0.50	<0.50	<0.50	**4.0**	<2.0	--	--	--	--	--	--	
MW-13A	10/11/2010[5]	5-20	141.76	15.59	0.00	0.00	126.17	**80**	--	<22	<0.50	<0.50	<0.50	<0.50	**4.0**	<2.0	--	--	--	--	--	--	
MW-13A	01/06/2011	5-20	141.76	6.04	0.00	0.00	135.72	<52	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-13A	04/12/2011	5-20	141.76	8.12	0.00	0.00	133.64*	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-13A	07/15/2011	5-20	141.76	13.19	0.00	0.00	128.57*	**61**	--	<22	<0.50	<0.50	<0.50	<0.50	**2.0**	<2.0	--	--	--	--	--	--	
MW-13A	10/24/2011	5-20	141.76	15.40	0.00	0.00	126.36*	<50	--	<22	<0.50	<0.50	<0.50	<0.50	**5.0**	<2.0	--	--	--	--	--	--	
MW-13A	01/11/2012	5-20	141.76	16.00	0.00	0.00	125.76	**130**	--	<22	<0.50	<0.50	<0.50	<0.50	**6.0**	<2.0	--	--	--	--	--	--	
MW-13A	04/07/2012	5-20	141.76	8.01	0.00	0.00	133.75	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-13A	07/13/2012	5-20	141.76	14.12	0.00	0.00	127.64	**150**	--	<22	<0.50	<0.50	<0.50	<0.50	**3.0**	<2.0	--	--	--	--	--	--	
MW-13A	10/25/2012	5-20	141.76	16.17	0.00	0.00	125.59	**130**	--	<22	<0.50	<0.50	<0.50	<0.50	**4.0**	<2.0	--	--	--	--	--	--	
MW-13A	01/11/2013	5-20	141.76	7.16	0.00	0.00	134.6	**68**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-13A	04/10/2013	5-20	141.76	11.90	0.00	0.00	129.86	**89**	--	<22	<0.50	<0.50	<0.50	<0.50	**2.0**	<2.0	--	--	--	--	--	--	
MW-13A	07/01/2013	5-20	141.76	14.25	0.00	0.00	127.51	**80**	<50	<22	<0.50	<0.50	<0.50	<0.50	**4.0**	<2.0	--	--	--	--	--	--	
MW-13A	10/03/2013	5-20	141.76	16.24	0.00	0.00	125.52	--	<50	<22	<0.50	<0.50	<0.50	<0.50	**4.0**	<2.0	--	--	--	--	--	--	
MW-13A	01/07/2014	5-20	141.76	16.75	0.00	0.00	125.01	<50	<50	<22	<0.50	<0.50	<0.50	<0.50	**5.0**	<2.0	--	--	--	--	--	--	
MW-13A	07/31/2014[44]	5-20	141.76	--	--	--	--	--	--	--	--	--	--	<0.50	--	--	--	--	--	--	--	--	
MW-13A	01/08/2015	5-20	141.76	9.25	0.00	0.00	132.51	<50	<50[54]	<22	<0.50	<0.50	<0.50	<0.50	**0.6 J**	**3 J**	--	--	--	--	--	--	
MW-13A	07/22/2015	5-20	141.76	15.58	0.00	0.00	126.18	<45	<50[57]	<22	<0.50	<0.50	<0.50	<0.50	**3.0**	<2.0	--	--	--	--	--	--	
MW-13A	01/21/2016[44]	5-20	141.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13A	07/29/2016	5-20	141.76	14.51	0.00	0.00	127.25	<100	<100	<50	<1.0	<1.0	<1.0	<1.0	**2.0**	<5.0	--	--	--	--	--	--	
MW-13A	1/23/2017[44]	5-20	141.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-13A	07/24/2017	5-20	141.76	13.98	0.00	0.00	127.78	<100	<100	<50	<1.0	<1.0	<1.0	<1.0	**1.0**	**3 J**	--	--	--	--	--	--	
MW-13A	01/15/2018	5-20	141.76	12.18	0.00	0.00	129.58	<100	<100[67]	<50	<1.0	<1.0	<1.0	<1.0	**0.7 J**	<5.0	--	--	--	--	--	--	
MW-13A	07/25/2018	5-20	141.76	14.18	**0.00**	**0.00**	**127.58**	**58 J**	**<100**	**<50**	<1.0	<1.0	<1.0	<1.0	**2.0**	<5.0	--	--	--	--	--	--	
MW-13A	01/15/2019	5-20	141.76	--	0.00	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	03/03/1992	5-20	138.81	5.57	--	--	133.24	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	06/10/1992	5-20	138.81	10.83	--	--	127.98	--	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	09/16/1992	5-20	138.81	14.26	--	--	124.55	--	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	12/10/1992	5-20	138.81	11.40	--	--	127.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	12/11/1992	5-20	138.81	--	--	--	--	--	--	**12,000**	**2,400**	**68**	**710**	**460**	--	--	--	--	--	--	--	--	
MW-14	03/19/1993	5-20	138.81	3.06	--	--	135.75	--	--	**510**	**1.4**	**2.0**	**0.60**	**2.0**	--	--	--	--	--	--	--	--	
MW-14	06/10/1993	5-20	138.81	8.76	--	--	130.05	--	--	**58**	<0.50	**0.70**	<0.50	<1.5	--	--	--	--	--	--	--	--	
MW-14	09/13/1993	5-20	138.81	14.00	--	--	124.81	--	--	<50	<0.50	<0.50	<0.50	<1.5	--	--	--	--	--	--	--	--	
MW-14	01/06/1994	5-20	138.81	10.71	--	--	128.1	--	--	<50	**0.70**	**0.90**	<0.50	**1.4**	--	--	--	--	--	--	--	--	
MW-14	03/29/1994	5-20	138.81	8.49	--	--	130.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	04/27/1994	5-20	138.81	9.59	--	--	129.25	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	05/19/1994	5-20	138.81	10.30	--	--	128.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	06/06/1994	5-20	138.81	11.10	--	--	127.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	10/07/1994	5-20	138.81	14.49	--	--	124.32	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	10/11/1995	5-20	138.81	14.01	--	--	124.8	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-14	04/22/1996	5-20	138.81	6.02	--	--	132.79	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	10/15/1996	5-20	138.81	14.19	--	--	124.62	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	04/02/1997	5-20	138.81	7.85	--	--	130.96	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	10/28/1997	5-20	138.81	14.86	--	--	123.95	<50	--	<50	**6.1**	**2.3**	**1.1**	**2.8**	--	--	--	--	--	--	--	--	
MW-14	04/21/1998	5-20	138.81	4.43	--	--	134.38	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	10/06/1998	5-20	138.81	13.65	--	--	125.16	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	05/03/1999	5-20	138.81	5.71	--	--	133.1	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	10/27/1999	5-20	138.81	14.72	--	--	124.09	<50[13]	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-14	04/26/2000[15]	5-20	138.81	5.87	0.00	0.00	132.94	<50.0	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-14	10/25/2000	5-20	138.81	14.28	0.00	0.00	124.53	<50.0	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-14	04/30/2001	5-20	138.81	8.85	0.00	0.00	129.96	**57.7**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-14	09/11/2001	5-20	138.81	14.25	0.00	0.00	124.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	10/16/2001	5-20	138.81	14.80	0.00	0.00	124.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	11/13/2001	5-20	138.81	13.04	0.00	0.00	125.77	**210**	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-14	12/11/2001	5-20	138.81	3.58	0.00	0.00	135.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	01/15/2002	5-20	138.81	2.70	0.00	0.00	136.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	02/12/2002	5-20	138.81	4.60	0.00	0.00	134.21	<50	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-14	03/12/2002	5-20	138.81	3.11	0.00	0.00	135.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	04/16/2002	5-20	138.81	7.65	0.00	0.00	131.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	05/14/2002	5-20	138.81	10.08	0.00	0.00	128.73	<50	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-14	06/11/2002	5-20	138.81	11.05	0.00	0.00	127.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	07/16/2002	5-20	138.81	12.67	0.00	0.00	126.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	08/13/2002	5-20	138.81	13.61	0.00	0.00	125.2	**71**	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-14	09/10/2002	5-20	138.81	14.08	0.00	0.00	124.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	11/11/2002	5-20	138.81	13.14	0.00	0.00	125.67	<130	--	<100	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<100	<2.0	<2.0	<500	<2.0	<2.0	
MW-14	05/12/2003[23]	5-20	138.81	4.55	0.00	0.00	134.26	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
MW-14	12/15/2003[4]	5-20	--	--	--	--	--	--	--	--	--	--	--	--	--	<5.0	<0.5	<0.50	<0.50	<50	<0.50	<0.50	
MW-14	06/14/2004[4]	5-20	--	--	--	--	--	--	--	--	--	--	--	--	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	
MW-14	12/13/2004[4]	5-20	--	--	--	--	--	--	--	--	--	--	--	--	--	<5.0	<0.50	<0.50	<0.50	<5.0	<0.50	--	
MW-14	12/08/2006	5-20	138.81	12.29	0.00	0.00	126.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	03/09/2007	5-20	138.81	4.36	0.00	0.00	134.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	06/07/2007	5-20	138.81	10.60	0.00	0.00	128.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	09/07/2007	5-20	138.81	14.06	0.00	0.00	124.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	12/06/2007	5-20	138.81	12.91	0.00	0.00	125.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	03/06/2008	5-20	138.81	4.18	0.00	0.00	134.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	06/05/2008	5-20	138.81	11.80	0.00	0.00	127.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	09/04/2008	5-20	138.81	14.63	0.00	0.00	124.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	12/05/2008	5-20	138.81	14.03	0.00	0.00	124.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	03/05/2009	5-20	138.81	3.05	0.00	0.00	135.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	04/29/2009	5-20	138.81	9.88	0.00	0.00	128.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	07/10/2009[23]	5-20	138.81	12.13	0.00	0.00	126.68	**110**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-14	10/13/2009[23]	5-20	138.81	14.46	0.00	0.00	124.35	**66**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-14	01/06/2010[23]	5-20	138.81	10.82	0.00	0.00	127.99	**52**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-14	04/07/2010[23]	5-20	138.81	3.20	0.00	0.00	135.61	**67**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-14	07/08/2010[41]	5-20	138.81	10.52	0.00	0.00	128.09	**71**	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	10/11/2010	5-20	138.81	13.88	0.00	0.00	124.93	**91**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	01/06/2011	5-20	138.81	3.45	0.00	0.00	135.36	<52	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	04/12/2011	5-20	138.81	3.92	0.00	0.00	134.89	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	07/15/2011	5-20	138.81	10.62	0.00	0.00	128.19	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	10/24/2011	5-20	138.81	13.24	0.00	0.00	125.57	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	01/11/2012	5-20	138.81	14.08	0.00	0.00	124.73	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	04/07/2012	5-20	138.81	3.58	0.00	0.00	135.23	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	07/13/2012	5-20	138.81	12.05	0.00	0.00	126.76	**61**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	10/25/2012	5-20	138.81	14.40	0.00	0.00	124.41	**140**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	01/11/2013	5-20	138.81	4.19	0.00	0.00	134.62	**130**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	04/10/2013	5-20	138.81	8.76	0.00	0.00	130.05	**64**	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	07/01/2013	5-20	138.81	12.11	0.00	0.00	126.7	<50	<50	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	10/03/2013	5-20	138.81	14.50	0.00	0.00	124.31	--	<50	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	01/07/2014	5-20	138.81	15.05	0.00	0.00	123.76	**77**	<50	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-14	07/31/2014[44]	5-20	138.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	01/08/2015	5-20	138.81	5.46	0.00	0.00	133.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	07/22/2015	5-20	138.81	13.95	0.00	0.00	124.86	<45	<50[57]	<22	<0.50	<0.50	<0.50	<0.5	<0.5	<2.0	--	--	--	--	--	--	
MW-14	01/21/2016[44]	5-20	138.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	07/29/2016	5-20	138.81	12.83	0.00	0.00	125.98	<100	<100	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-14	1/23/2017[44]	5-20	138.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-14	07/24/2017	5-20	138.81	11.69	0.00	0.00	127.12	<100	<100	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-14	01/15/2018	5-20	138.81	7.04	0.00	0.00	131.77	<100	<100[65]	<50	<1.0	<1.0	<1.0	<1.0	<1.0	**3 J**	--	--	--	--	--	--	
MW-14	07/25/2018	5-20	138.81	11.95	**0.00**	**0.00**	**126.86**	**<100**	**<100[68]**	**<50**	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-14	01/15/2019	5-20	138.81	--	0.00	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	03/03/1992	4-19	138.61	6.43	--	--	132.18	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-15	06/10/1992	4-19	138.61	12.35	--	--	126.26	--	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-15	09/16/1992	4-19	138.61	15.12	--	--	123.49	--	--	**80**	**2.5**	**7.7**	**0.70**	**20**	--	--	--	--	--	--	--	--	
MW-15	12/10/1992	4-19	138.61	13.06	--	--	125.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	12/11/1992	4-19	138.61	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-15	03/19/1993	4-19	138.61	4.31	--	--	134.3	--	--	<50	**1.1**	**2.6**	<0.50	**2.1**	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-15	06/10/1993	4-19	138.61	10.00	--	--	128.61	--	--	<50	<0.50	<0.50	<0.50	<1.5	--	--	--	--	--	--	--	--	
MW-15	09/13/1993	4-19	138.61	14.87	--	--	123.74	--	--	**79**	**3.6**	**7.2**	**2.0**	**10.0**	--	--	--	--	--	--	--	--	
MW-15	01/06/1994	4-19	138.61	11.84	--	--	126.77	--	--	<50	**0.80**	**1.1**	<0.50	**2.0**	--	--	--	--	--	--	--	--	
MW-15	03/29/1994	4-19	138.61	10.57	--	--	128.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	04/27/1994	4-19	138.61	11.23	--	--	127.38	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	05/19/1994	4-19	138.61	11.89	--	--	126.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	06/06/1994	4-19	138.61	12.97	--	--	125.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	10/07/1994	4-19	138.61	15.28	--	--	123.33	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	10/11/1995	4-19	138.61	15.17	--	--	123.44	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	04/22/1996	4-19	138.61	6.39	--	--	132.22	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	10/15/1996	4-19	138.61	15.28	--	--	123.33	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	04/02/1997	4-19	138.61	9.83	--	--	128.78	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	10/28/1997	4-19	138.61	15.87	--	--	122.74	<50	--	<50	**0.59**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	04/21/1998	4-19	138.61	5.76	--	--	132.85	**120**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	10/06/1998	4-19	138.61	14.95	--	--	123.66	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	05/03/1999	4-19	138.61	7.52	--	--	131.09	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	10/27/1999	4-19	138.61	15.61	--	--	123	**98.83**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	04/26/2000[15]	4-19	138.61	7.34	0.00	0.00	131.27	<50.0	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	10/25/2000	4-19	138.61	15.33	0.00	0.00	123.28	**59.419**	--	<50	<0.50	<0.50	<0.50	<0.50	**28.6**[18,20,22]	--	--	--	--	--	--	--	
MW-15	04/30/2001	4-19	138.61	9.44	0.00	0.00	129.17	**72.1**	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-15	09/11/2001	4-19	138.61	15.33	0.00	0.00	123.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	10/16/2001	4-19	138.61	15.78	0.00	0.00	122.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	11/13/2001	4-19	138.61	14.90	0.00	0.00	123.71	**180**	--	<50	<0.50	<0.50	<0.50	<1.5	**2,218**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-15	12/11/2001	4-19	138.61	3.68	0.00	0.00	134.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	01/15/2002	4-19	138.61	3.15	0.00	0.00	135.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	02/12/2002	4-19	138.61	5.61	0.00	0.00	133	<50	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-15	03/12/2002	4-19	138.61	3.54	0.00	0.00	135.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	04/16/2002	4-19	138.61	8.54	0.00	0.00	130.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	05/14/2002	4-19	138.61	11.21	0.00	0.00	127.4	<50	--	<50	<0.50	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-15	06/11/2002	4-19	138.61	12.52	0.00	0.00	126.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	07/16/2002	4-19	138.61	14.04	0.00	0.00	124.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	08/13/2002	4-19	138.61	14.79	0.00	0.00	123.82	<50	--	<50	<0.50	<0.50	<0.50	<1.5	**218**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-15	09/10/2002	4-19	138.61	15.25	0.00	0.00	123.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	11/11/2002	4-19	138.61	15.00	0.00	0.00	123.61	<50	--	<100	<0.50	<0.50	<0.50	<1.5	**1,118**	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-15	05/12/2003[23]	4-19	138.61	5.38	0.00	0.00	133.23	<50	--	<50	<0.50	<0.50	<0.50	<0.5	--	<5	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
MW-15	12/15/2003[4]	4-19	--	--	--	--	--	--	--	--	--	--	--	--	--	<5	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
MW-15	12/08/2006	4-19	138.61	13.78	0.00	0.00	124.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	03/09/2007	4-19	138.61	5.00	0.00	0.00	133.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	06/07/2007	4-19	138.61	11.60	0.00	0.00	127.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	09/07/2007	4-19	138.61	14.90	0.00	0.00	123.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	12/06/2007	4-19	138.61	14.46	0.00	0.00	124.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	03/06/2008	4-19	138.61	5.01	0.00	0.00	133.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	06/05/2008	4-19	138.61	13.03	0.00	0.00	125.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	09/04/2008	4-19	138.61	15.48	0.00	0.00	123.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	12/05/2008	4-19	138.61	15.00	0.00	0.00	123.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	03/05/2009	4-19	138.61	2.00	0.00	0.00	136.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	04/29/2009	4-19	138.61	10.83	0.00	0.00	127.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	07/10/2009[23]	4-19	138.61	13.10	0.00	0.00	125.51	**58**	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-15	10/13/2009	4-19	138.61	15.48	0.00	0.00	123.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	01/06/2010	4-19	138.61	11.79	0.00	0.00	126.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	04/07/2010	4-19	138.61	4.22	0.00	0.00	134.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	07/08/2010[40]	4-19	138.61	11.42	0.00	0.00	131.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	10/11/2010[6]	4-19	138.61	15.04	0.00	0.00	123.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	01/06/2011[6]	4-19	138.61	4.45	0.00	0.00	134.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	04/12/2011[6]	4-19	138.61	5.31	0.00	0.00	133.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	07/15/2011[6]	4-19	138.61	11.80	0.00	0.00	126.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	10/24/2011[6]	4-19	138.61	14.61	0.00	0.00	124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	01/11/2012[6]	4-19	138.61	15.34	0.00	0.00	123.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	04/07/2012[6]	4-19	138.61	4.45	0.00	0.00	134.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	07/13/2012[6]	4-19	138.61	13.42	0.00	0.00	125.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	10/25/2012[6]	4-19	138.61	15.56	0.00	0.00	123.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	01/11/2013[6]	4-19	138.61	3.85	0.00	0.00	134.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	04/10/2013[6]	4-19	138.61	9.48	0.00	0.00	129.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	07/01/2013[6]	4-19	138.61	13.65	0.00	0.00	124.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	10/03/2013[6]	4-19	138.61	15.61	0.00	0.00	123	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	01/07/2014[6]	4-19	138.61	16.08	0.00	0.00	122.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	07/31/2014[44]	4-19	138.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	01/08/2015	4-19	138.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	07/22/2015[6]	4-19	138.61	15.14	0.00	0.00	123.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	01/21/2016	4-19	138.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	07/29/2016[6]	4-19	138.61	14.19	0.00	0.00	124.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	1/23/2017[44]	4-19	138.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	07/24/2017[6]	4-19	138.61	13.15	0.00	0.00	125.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	01/15/2018[6]	4-19	138.61	9.20	0.00	0.00	129.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	**7/25/2018[8]**	4-19	138.61	13.22	**0.00**	**0.00**	**125.39**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-15	01/15/2019	4-19	138.61	--	0.00	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-16	03/03/1992	4-19	139.55	5.08	--	--	134.47	140	--	12,000	**4,000**	**110**	**900**	**670**	--	--	--	--	--	--	--	--	
MW-16	06/10/1992	4-19	139.55	11.14	--	--	128.41	860	--	20,000	**7,000**	**89**	**1,400**	**330**	--	--	--	--	--	--	--	--	
MW-16	09/16/1992	4-19	139.55	14.21	--	--	125.34	<50	--	980	**230**	**1.1**	**0.70**	**1.3**	--	--	--	--	--	--	--	--	
MW-16	12/10/1992	4-19	139.55	6.74	--	--	132.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	12/17/1992	4-19	139.55	--	--	--	--	--	--	160	**25**	<0.50	**5.1**	**2.8**	--	--	--	--	--	--	--	--	
MW-16	03/19/1993	4-19	139.55	3.66	--	--	135.89	--	--	510	**150**	**9.4**	**28**	**13**	--	--	--	--	--	--	--	--	
MW-16	06/10/1993	4-19	139.55	8.78	--	--	130.77	--	--	3,100	**310**	**7.0**	**130**	**35**	--	--	--	--	--	--	--	--	
MW-16	09/13/1993	4-19	139.55	13.87	--	--	125.68	--	--	2,000	**670**	**9.6**	**6.3**	**11**	--	--	--	--	--	--	--	--	
MW-16	01/06/1994	4-19	139.55	10.31	--	--	129.24	--	--	3,700	**540**	**24**	**270**	**180**	--	--	--	--	--	--	--	--	
MW-16	03/29/1994	4-19	139.55	8.58	--	--	130.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	04/27/1994	4-19	139.55	9.18	--	--	130.37	11,003	--	3,700	**480**	**21**	**160**	**53**	--	--	--	--	--	--	--	--	
MW-16	05/19/1994	4-19	139.55	10.42	--	--	129.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	06/06/1994	4-19	139.55	10.94	--	--	128.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	10/07/1994	4-19	139.55	14.13	--	--	125.42	<50	--	370	**37**	**2.8**	**1.2**	**3.0**	--	--	--	--	--	--	--	--	
MW-16	10/11/1995	4-19	139.55	13.97	--	--	125.58	2903	--	230	**6.6**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-16	04/22/1996	4-19	139.55	5.47	--	--	134.08	13,007	--	2,800	**460**	**5.0**	**230**	**16**	--	--	--	--	--	--	--	--	
MW-16	10/15/1996	4-19	139.55	14.45	--	--	125.1	3507	--	6403	**37**	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	
MW-16	04/02/1997	4-19	139.55	8.17	--	--	131.38	17,003	--	6,800	**620**	**17**	**330**	**23**	--	--	--	--	--	--	--	--	
MW-16	10/28/1997	4-19	139.55	14.63	--	--	124.92	5203	--	26012	**4.9**	<0.50	<0.50	**0.55**	--	--	--	--	--	--	--	--	
MW-16	04/21/1998	4-19	139.55	5.23	--	--	134.32	6703	--	9303	**34**	**2.9**	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-16	10/06/1998	4-19	139.55	13.75	--	--	125.8	1203	--	200	**10.0**	**1.2**	**0.60**	**0.82**	--	--	--	--	--	--	--	--	
MW-16	05/03/1999	4-19	139.55	6.36	--	--	133.19	38914	--	646	**15.2**	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	
MW-16	10/27/1999	4-19	139.55	14.76	--	--	124.79	210[3,13]	--	121	**5.7**	<0.50	<0.50	<0.5	--	--	--	--	--	--	--	--	
MW-16	04/26/2000[15]	4-19	139.55	6.45	0.00	0.00	133.1	397	--	120,016	**54.6**	<1.0	<1.0	<1.0	<5.00[17,18]	--	--	--	--	--	--	--	
MW-16	10/25/2000	4-19	139.55	14.43	0.00	0.00	125.12	74.416	--	125	**2.8**	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	
MW-16	04/30/2001	4-19	139.55	9.59	0.00	0.00	129.96	351	--	1,250	**33.5**	<1.0	<1.0	<1.0	<5.00[18]	--	--	--	--	--	--	--	
MW-16	09/11/2001	4-19	139.55	14.31	0.00	0.00	125.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	10/16/2001	4-19	139.55	14.73	0.00	0.00	124.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	11/13/2001	4-19	139.55	12.26	0.00	0.00	127.29	760	--	1,500	**96**	**1.3**	**4.5**	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-16	12/11/2001	4-19	139.55	4.87	0.00	0.00	134.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	01/15/2002	4-19	139.55	3.81	0.00	0.00	135.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	02/12/2002	4-19	139.55	5.78	0.00	0.00	133.77	420	--	670	**40**	**0.79**	**0.50**	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-16	03/12/2002	4-19	139.55	4.48	0.00	0.00	135.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	04/16/2002	4-19	139.55	8.74	0.00	0.00	130.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	05/14/2002	4-19	139.55	10.62	0.00	0.00	128.93	290	--	500	**6.9**	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-16	06/11/2002	4-19	139.55	11.22	0.00	0.00	128.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	07/16/2002	4-19	139.55	12.47	0.00	0.00	127.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	08/13/2002	4-19	139.55	13.62	0.00	0.00	125.93	490	--	120	**3.3**	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-16	09/10/2002	4-19	139.55	14.18	0.00	0.00	125.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	11/11/2002	4-19	139.55	12.99	0.00	0.00	126.56	230	--	230	**6.0**	<0.50	<0.50	<1.5	<2[18]	<100	<2.0	<2.0	<2.0	<500	<2.0	<2.0	
MW-16	05/12/2003[23]	4-19	139.55	5.56	0.00	0.00	133.99	250	--	400	**5.0**	<0.50	<0.50	<0.5	--	<5	<0.50	<0.50	<0.50	<50	<0.50	<0.50	
MW-16	12/08/2006[42]	4-19	139.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	03/09/2007[42]	4-19	139.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	06/07/2007[42]	4-19	139.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	09/07/2007[42]	4-19	139.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16	12/06/2007[42]	4-19	139.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16A	06/05/2008[23,30]	5-20	142.55	13.31	0.00	0.00	129.24	71	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-16A	09/04/2008[23]	5-20	142.55	15.58	0.00	0.00	126.97	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-16A	12/05/2008[23]	5-20	142.55	15.10	0.00	0.00	127.45	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-16A	03/05/2009[23]	5-20	142.55	4.93	0.00	0.00	137.62	130	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-16A	04/29/2009[23]	5-20	142.55	11.50	0.00	0.00	131.05	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-16A	07/10/2009[23]	5-20	142.55	13.49	0.00	0.00	129.06	80	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-16A	10/13/2009[23]	5-20	142.55	15.31	0.00	0.00	127.24	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-16A	01/06/2010[23]	5-20	142.55	12.68	0.00	0.00	129.87	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-16A	04/07/2010[23]	5-20	142.55	5.75	0.00	0.00	136.8	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<2.0	--	--	--	--	--	--	
MW-16A	07/08/2010[41]	5-20	142.55	12.09	0.00	0.00	125.06*	63	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	10/11/2010[*]	5-20	142.55	14.95	0.00	0.00	127.6	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	01/06/2011	5-20	142.55	4.55	0.00	0.00	138	<52	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	04/12/2011	5-20	143.52	5.52	0.00	0.00	138.00*	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	07/15/2011	5-20	142.55	12.05	0.00	0.00	130.50*	100	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	10/24/2011	5-20	142.55	14.45	0.00	0.00	128.10*	<160[52]	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	01/11/2012	5-20	142.55	15.19	0.00	0.00	127.36	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	04/07/2012	5-20	142.55	5.59	0.00	0.00	136.96	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	07/13/2012	5-20	142.55	13.37	0.00	0.00	129.18	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	10/25/2012	5-20	142.55	15.25	0.00	0.00	127.3	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	01/11/2013	5-20	142.55	5.25	0.00	0.00	137.3	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	04/10/2013	5-20	142.55	9.62	0.00	0.00	132.93	<50	--	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	07/01/2013	5-20	142.55	13.22	0.00	0.00	129.33	<50	<50	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	10/03/2013	5-20	142.55	15.54	0.00	0.00	127.01	--	<50	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	01/07/2014	5-20	142.55	15.97	0.00	0.00	126.58	<50	<50	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	07/31/2014[44]	5-20	142.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16A	01/08/2015	5-20	142.55	6.63	0.00	0.00	135.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16A	07/22/2015	5-20	142.55	14.95	0.00	0.00	127.6	<45	<50[57]	<22	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	
MW-16A	01/21/2016[44]	5-20	142.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
MW-16A	07/29/2016	5-20	142.55	14.01	0.00	0.00	128.54	<100	<100	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-16A	1/23/2017[44]	5-20	142.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-16A	07/24/2017	5-20	142.55	12.94	0.00	0.00	129.61	<100	<100	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-16A	01/15/2018	5-20	142.55	9.53	0.00	0.00	133.02	<100	<100[65]	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-16A	07/25/2018	5-20	142.55	11.55	**0.00**	**0.00**	**131**	**<100**	**<100**	**<50**	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	--	--	--	--	--	--	
MW-16A	01/15/2019	5-20	142.55	--	0.00	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Notes:

MW = Groundwater monitoring well
TOC = Top of casing
DTW = Depth to groundwater
ft bTOC = Feet below top of casing
PSH = Phase separate hydrocarbons
ft = Feet
gal = Gallons
GW Elev = Grouwater elevation
µg/L = Micrograms per liter
Bold = Value exceeds laboratory Method Detection Limit (MDL); PSH thickness is greater than 0.00 ft
<0.50 = Not detected at or above the Method Detection Limit
DRY = Dry well
-- = Not sampled/not measured

TPH-g = Total petroleum hydrocarbons, gasoline range by LUFT GC/MS according to United States Environmental Protection Agency (USEPA) Method 8015B
TPH-d = Total petroleum hydrocarbons, diesel range by LUFT GC/MS according to United States Environmental Protection Agency (USEPA) Method 8015B
TPH-d w/Si Gel= Total petroleum hydrocarbons, diesel range with Silical Gel by LUFT GC/MS according to United States Environmental Protection Agency (USEPA) Method 8015B
Samples analyzed by USEPA Method 8260B:
Benzene, toluene, ethylbenzene a total xylenes (collectively BTEX)
MTBE = Methyl tert-butyl ether
TBA = Tert-butanol or tertiary butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
TAME = Tert-amyl methyl ether
J = Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
If PSH is present, GW Elevation is corrected according to the following formula (TOC elevation - DTW) + (0.8 x PSH thickness)

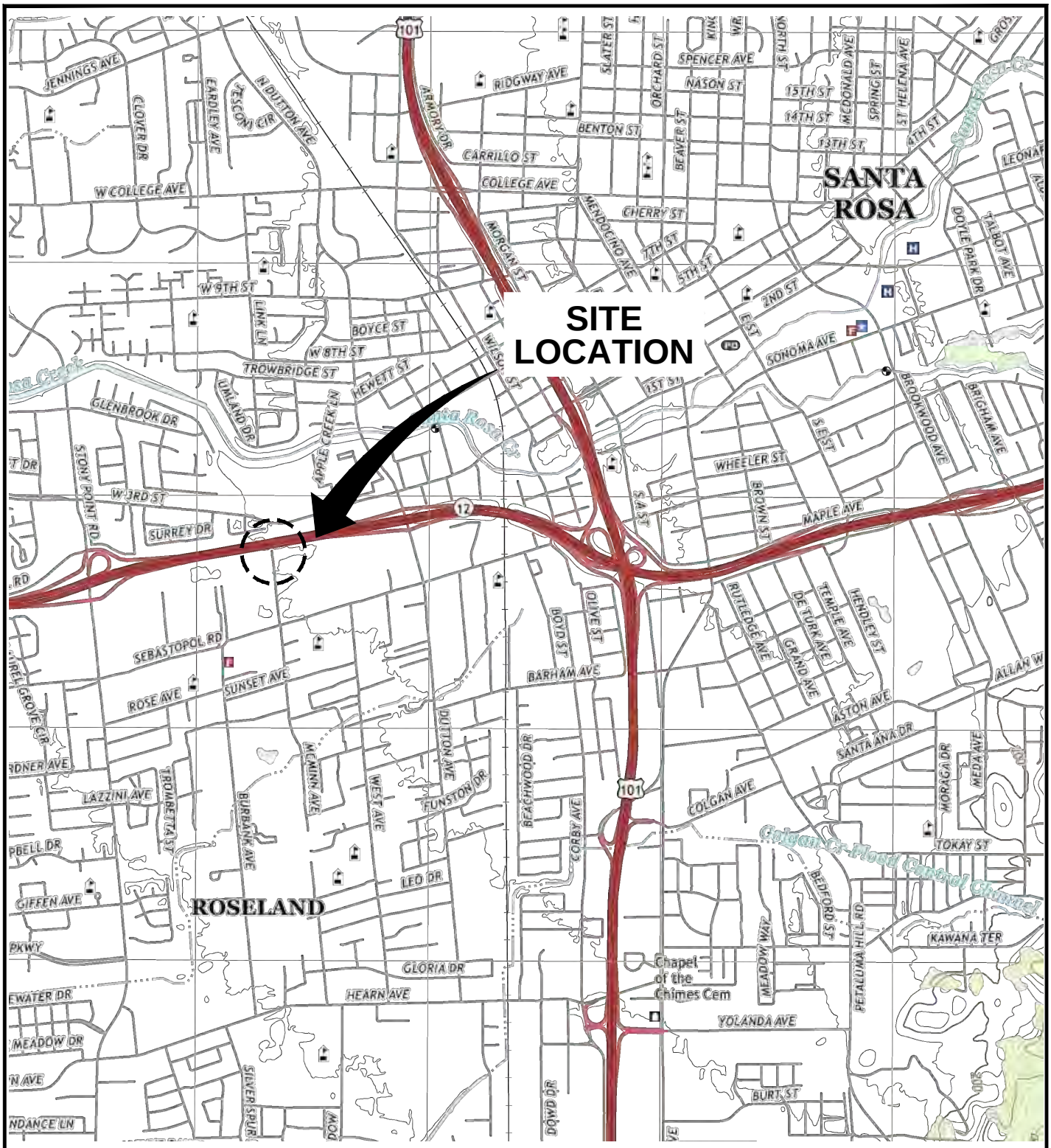
Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments

Table 2. Historical Grouwater Gauging and Analytical Results
Fourth Quarter 1988 to Current
Chevron Facility No. 206308
258 Roseland Avenue
Santa Rosa, California

Well ID	Sample Date	Screen Interval (ft bTOC)	TOC (ft)	DTW (ft bTOC)	PSH thickness (ft)	PSH recovered (gal)	GW Elev (ft)	TPH-d (µg/L)	TPH-d w/ Si Gel	TPH-g	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	1,2-EDB (µg/L)	Comments
	60																						The initial extraction was lost during the Silica Gel cleanup process. The sample was re-extracted outside the method required holding time and the QC is compliant. All results are reported from the second trial. The stated QC limits are advisory only until sufficient data points can be obtained to calculate statistical limits.
	61																						The stated QC limits are advisory only until sufficient data points can be obtained to calculate statistical limits.
	62																						Target analytes were detected in the method blank associated with the samples as noted on the QC Summary.The recovery for a target analyte(s) in the Laboratory Control Spike(s) is outside the QC acceptance limits as noted on the QC Summary.The following corrective action was taken: The sample was re-extracted outside the method required holding time and the QC is compliant. All results are reported from the first trial. Similar results were obtained in both trials.
	63																						Target analytes were detected in the method blank associated with the samples as noted on the QC Summary. Spike(s) is outside the QC acceptance limits as noted on the QC Summary. The following corrective action was taken: The sample was re-extracted and the QC is again outside of the acceptance limits. The data is reported from the initial trial.
	64																						Not sampled. Sheen observed.
	65																						The recovery for a target analyte(s) and surrogate in the Laboratory Control Spike(s) is outside the QC acceptance limits as noted on the QC Summary. The following corrective action was taken: The sample was re-extracted outside the method required holding time and the QC is compliant. All results are reported from the first trial. Similar results were obtained in both trials.
	66																						The recovery for a target analyte(s) and surrogate in the Laboratory Control Spike(s) is outside the QC acceptance limits as noted on the QC Summary. Sufficient sample was not available to repeat the analysis.
	67																						The recovery for a target analyte(s) and surrogate in the Laboratory Control Spike(s) is outside the QC acceptance limits as noted on the QC Summary. The following corrective action was taken: The sample was re-extracted outside the method required holding time and the LCS/LCSD is compliant. The recovery for the sample surrogate(s) is outside the QC acceptance limits. All results are reported from the first trial. Similar results were obtained in both trials.
	68																						The recovery for the sample surrogate(s) is outside the QC acceptance limits as noted on the QC Summary. The following action was taken: The sample was re-extracted outside the method required holding time and the QC is compliant. All results are reported from the first trial.

FIGURES



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., SANTA ROSA, CALIFORNIA, 2018

N

0 2,000' 4,000'

Approximate Scale: 1 in. = 2,000 ft.

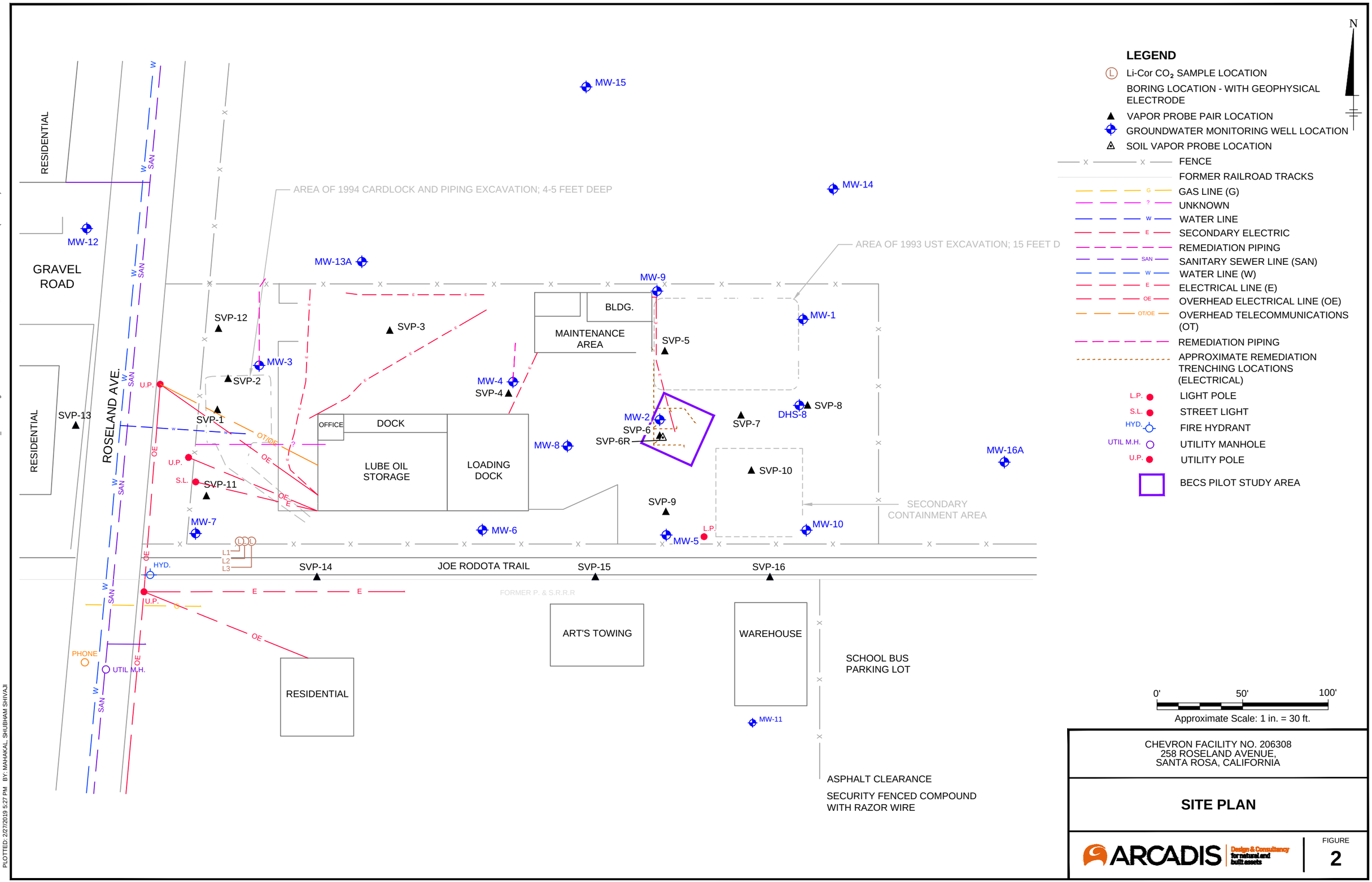
CHEVRONFACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

SITE LOCATION MAP

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1

CITY: SAN RAFAEL, CA DIV/GROUP: ENVCAD DB: J. HARRIS
C:\Users\mahakals3526\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATIONASR 206308 SANTA ROSA\2019\ASRTMDSL.6308\01-DWG\FIGURE 1_Site Location Map.dwg LAYOUT: 1 SAVED: 2/26/2019 6:37 PM ACADVER: 21.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 2/27/2019 5:28 PM BY: MAHAKAL, SHUBHAM SHIVAJI



CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(OptOn=*;OFF=*REF*
C:\Users\mahakal3526\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATION\ASR 206308 SANTA ROSA\2019\ASRTM05L.630801.DWG\FIGURE 2_Site Plan.dwg LAYOUT: 2 SAVED: 2/27/2019 4:56 PM ACADVER: 21.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB
PLOTTED: 2/27/2019 5:27 PM BY: MAHAKAL, SHUBHAM SHIVAJI

HIGHWAY 12

RESIDENTIAL

GRAVEL ROAD

ROSELAND AVE.

RESIDENTIAL

RESIDENTIAL

AREA OF 1994 CARDLOCK AND PIPING EXCAVATION; 4-5 FEET DEEP

FORMER CARDLOCK ISLAND AND FORMER TTLR #1

FORMER VAPOR POT

FORMER BUILDING

BLDG.

MAINTENANCE AREA

OFFICE

DOCK

LUBE OIL STORAGE

LOADING DOCK

FORMER SETTLING TANK

FORMER CONCRETE VAULT/SUMP

FORMER VAPOR POT

FORMER USTS

AREA OF 1993 UST EXCAVATION; 15 FEET DEEP

FORMER CATCH BASIN

FORMER PUMP ISLAND

FORMER TTLR #2

SECONDARY CONTAINMENT AREA

FORMER P. & S.R.R.R.

JOE RODOTA TRAIL

ART'S TOWING

WAREHOUSE

SCHOOL BUS PARKING LOT

ASPHALT CLEARANCE

SECURITY FENCED COMPOUND WITH RAZOR WIRE

MW-12 (129.68)

MW-13

MW-13A (NG)

MW-15 (NG)

MW-14 (NG)

MW-3 (130.07)

MW-4 (131.37)

MW-6 (131.00)

MW-7 (130.04)

MW-8

MW-2 (133.11)

MW-9 (134.86)

MW-1

MW-5 (132.40)

MW-10 (133.80)

MW-11

MW-16

MW-16A (NG)

DHS-8 (132.17)*

SVP-1

SVP-2

SVP-3

SVP-4

SVP-5

SVP-6

SVP-6R

SVP-7

SVP-8

SVP-9

SVP-10

SVP-11

SVP-12

SVP-13

SVP-14

SVP-15

SVP-16

130

131

132

133

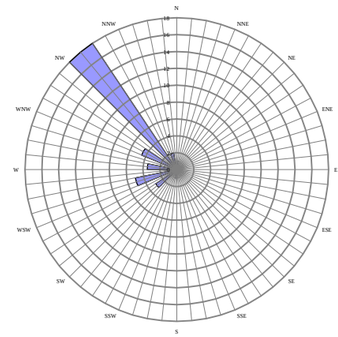
134

0.02 FT/FT

LEGEND

- GROUNDWATER MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (134.86) GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- 134 GROUNDWATER ELEVATION CONTOUR; (DASHED WHERE INFERRED)
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- 0.02 FT/FT APPROXIMATE HYDRAULIC GRADIENT (FEET/FOOT)
- (NG) NOT GAUGED
- * GROUNDWATER ELEVATION NOT USED FOR CONTOURING

N



0' 50' 100'

Approximate Scale: 1 in. = 30 ft.

CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 3

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\chulia847\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATION\ASR 206308 SANTA ROSA\ASR 206308 SANTA ROSA\2019\ASRTM05L 6308\01-DWG\FIGURE 3_GWE Contour Map.dwg LAYOUT: 3 SAVED: 3/18/2019 11:32 AM ACADVER: 21.0S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/18/2019 5:37 PM BY: CHUTIA, BARAKHA
XREFS: IMAGES: PROJECTNAME: ----

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\chulab4677\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATION\ASR 206308 SANTA ROSA\ASR 206308 SANTA ROSA\2019\ASRTM05L 6308\01-DWG\FIGURE 4_TPH-d Isoconcentration Map.dwg LAYOUT: 4 SAVED: 3/6/2019 12:45 PM ACADVER: 21.0S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/6/2019 1:19 PM BY: CHUTIA, BARAKHA
XREFS: IMAGES: PROJECTNAME: ----

HIGHWAY 12

RESIDENTIAL

GRAVEL ROAD

ROSELAND AVE.

RESIDENTIAL

RESIDENTIAL

MW-12 (<46)

SVP-13

SVP-1

SVP-11

MW-7 (<46)

MW-3 (540)

SVP-2

SVP-12

FORMER CARDLOCK ISLAND AND FORMER TTLR #1

FORMER VAPOR POT

AREA OF 1994 CARDLOCK AND PIPING EXCAVATION; 4-5 FEET DEEP

MW-13A (NS)

MW-13

SVP-3

MW-15 (NS)

MW-14 (NS)

AREA OF 1993 UST EXCAVATION; 15 FEET DEEP

FORMER BUILDING

FORMER USTS

MW-9 (79 J)

BLDG.

MAINTENANCE AREA

SVP-5

MW-1

FORMER CATCH BASIN

FORMER PUMP ISLAND

FORMER SETTLING TANK

MW-4 (4,400)

SVP-4

1,000

10,000

100

OFFICE

DOCK

LUBE OIL STORAGE

LOADING DOCK

SVP-6

SVP-6R

MW-2 (21,000)

DHS-8 (NS) [0.02]

SVP-7

SVP-8

MW-8

FORMER CONCRETE VAULT/SUMP

FORMER ARTS

SVP-10

FORMER TTLR #2

SECONDARY CONTAINMENT AREA

MW-16A (NS)

MW-16

FORMER VAPOR POT

SVP-9

MW-6 (510)

MW-5 (3,700)

MW-10 (1,900)

FORMER TRANSFER BLOCK

SVP-14

JOE RODOTA TRAIL

SVP-15

SVP-16

FORMER P. & S.R.R.R

ART'S TOWING

WAREHOUSE

SCHOOL BUS PARKING LOT

MW-11

ASPHALT CLEARANCE

SECURITY FENCED COMPOUND WITH RAZOR WIRE

N

LEGEND

- MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (21,000) TPH-d CONCENTRATION IN MICROGRAM PER LITER (µg/L)
- 10,000 TPH-d ISOCONCENTRATION CONTOUR (µg/L; DASHED WHERE INFERRED)
- J ESTIMATED VALUE BETWEEN PRACTICAL QUANTITATION LIMIT AND METHOD DETECTION LIMIT
- [0.02] PHASE SEPARATED HYDROCARBON THICKNESS IN FT.
- (<46) NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT (MDL)
- (NS) NOT SAMPLED

0' 50' 100'

Approximate Scale: 1 in. = 30 ft.

CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

TPH-d IN GROUNDWATER ISOCONCENTRATION CONTOUR MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 4

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\chulla\b4677\OneDrive - ARCADIS\IBIM 360 Docs\CHEVRON CORPORATION\ASR 206308 SANTA ROSA\ASR 206308 SANTA ROSA\2019\ASRTM05L 630801-DWG\FIGURE 5_TPH -d with silica gel in GW isoconcentration Map.dwg LAYOUT: 5 SAVED: 2/27/2019 5:35 PM ACADVER: 21.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/4/2019 11:29 AM BY: CHUTIA, BARAKHA

HIGHWAY 12

RESIDENTIAL

GRAVEL ROAD

ROSELAND AVE.

RESIDENTIAL

SVP-13

MW-12 (<46)

SVP-12

SVP-2

MW-3 (<46)

SVP-1

FORMER CARDLOCK ISLAND AND FORMER TTLR #1

FORMER VAPOR POT

SVP-11

MW-7 (<46)

MW-15 (NS)

AREA OF 1994 CARDLOCK AND PIPING EXCAVATION; 4-5 FEET DEEP

MW-13A (NS)

MW-13

SVP-3

OFFICE

DOCK

LUBE OIL STORAGE

LOADING DOCK

MW-8

FORMER CONCRETE VAULT/SUMP

MW-6 (<46)

SVP-14

JOE RODOTA TRAIL

SVP-15

FORMER P. & S.R.R.R

RESIDENTIAL

FORMER BUILDING

BLDG.

MAINTENANCE AREA

MW-9 (<46)

SVP-5

MW-4 (410)

SVP-4

FORMER SETTLING TANK

100

10,000

1,000

SVP-6

SVP-6R

MW-2 (27,000)

SVP-7

DHS-8 (NS) [0.02]

SVP-8

FORMER VAPOR POT

FORMER USTS

AREA OF 1993 UST EXCAVATION; 15 FEET DEEP

MW-14 (NS)

MW-1

FORMER CATCH BASIN

FORMER PUMP ISLAND

FORMER ASTS

SVP-10

FORMER TTLR #2

SECONDARY CONTAINMENT AREA

MW-16A (NS)

MW-16

SVP-9

MW-5 (290)

FORMER TRANSFER BLOCK

MW-10 (640)

SVP-16

ART'S TOWING

WAREHOUSE

MW-11

SCHOOL BUS PARKING LOT

ASPHALT CLEARANCE

SECURITY FENCED COMPOUND WITH RAZOR WIRE

N

LEGEND

- MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (27,000) (TPHd) CONCENTRATION IN MICROGRAMS PER LITER(µg/L)
- 10,000 TPHd WITH SILICA GEL CLEANUP ISOCONCENTRATION CONTOUR (µg/L; DASHED WHERE INFERRED)
- [0.02] LIGHT NON-AQUEOUS PHASE LIQUID PRESENT
- (<46) NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT (MDL)
- (NS) NOT SAMPLED

0' 50' 100'

Approximate Scale: 1 in. = 30 ft.

CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

TPH-d WITH SILICA GEL CLEANUP IN GROUNDWATER ISOCONCENTRATION CONTOUR MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 5

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\chutia\b467\OneDrive - ARCADIS\IBM 360 Docs\CHEVRON CORPORATION\ASR 206308 SANTA ROSA\SR 206308 SANTA ROSA\2019\ASRTM\05L.6308\01-DWG\FIGURE 6_TPH -g IN GW isoconcentration Map.dwg LAYOUT: 6 SAVED: 2/27/2019 5:35 PM ACADVER: 21.0S (LMS TECH)
PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/4/2019 11:32 AM BY: CHUTIA, BARAKHA

HIGHWAY 12

RESIDENTIAL

GRAVEL ROAD

ROSELAND AVE.

RESIDENTIAL

AREA OF 1994 CARDLOCK AND PIPING EXCAVATION; 4-5 FEET DEEP

AREA OF 1993 UST EXCAVATION; 15 FEET DEEP

FORMER BUILDING

FORMER USTS

FORMER CARDLOCK ISLAND AND FORMER TTLR #1

FORMER VAPOR POT

OFFICE

DOCK

LUBE OIL STORAGE

LOADING DOCK

BLDG.

MAINTENANCE AREA

FORMER SETTLING TANK

FORMER CONCRETE VAULT/SUMP

FORMER VAPOR POT

FORMER CATCH BASIN

FORMER PUMP ISLAND

FORMER ASTS

FORMER TTLR #2

SECONDARY CONTAINMENT AREA

FORMER TRANSFER BLOCK

JOE RODOTA TRAIL

FORMER P. & S.R.R.R

ART'S TOWING

WAREHOUSE

SCHOOL BUS PARKING LOT

RESIDENTIAL

ASPHALT CLEARANCE

SECURITY FENCED COMPOUND WITH RAZOR WIRE

MW-15 (NS)

MW-14 (NS)

MW-12 (<25)

MW-13

MW-13A (NS)

MW-9 (<25)

MW-1

MW-3 (<46)

MW-4 (580)

MW-2 (4,100)

DHS-8 (NS) [0.02]

MW-8

MW-16A (NS)

MW-16

MW-10 (6,100)

MW-7 (<25)

MW-6 (48 J)

MW-5 (490)

MW-11

SVP-1

SVP-2

SVP-3

SVP-4

SVP-5

SVP-6

SVP-6R

SVP-7

SVP-8

SVP-9

SVP-10

SVP-11

SVP-12

SVP-13

SVP-14

SVP-15

SVP-16

1,000

100

LEGEND

- MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (6,100) TPH-G CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- 1,000 TPH-G ISOCONCENTRATION CONTOUR (µg/L; DASHED WHERE INFERRED)
- J ESTIMATED VALUE BETWEEN(BETWEEN PRACTICAL QUANTITATION LIMIT AND METHOD DETECTION LIMIT)
- [0.02] LIGHT NON-AQUEOUS PHASE LIQUID PRESENT
- (<25) NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT (MDL)
- (NS) NOT SAMPLED

N

0' 50' 100'

Approximate Scale: 1 in. = 30 ft.

CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

TPH-G IN GROUNDWATER ISOCONCENTRATION CONTOUR MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 6

CITY:(Reqd) DIVGROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\chutaba8677\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATIONASR 206308 SANTA ROSA\ASR 206308 SANTA ROSA\2019\ASRTMDSL 630801-DWG\FIGURE 7_Benzene Isoconcentration Map.dwg LAYOUT: 7 SAVED: 2/27/2019 5:35 PM ACADVER: 21.0S (LMS TECH) PAGESETUP:
---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/4/2019 11:40 AM BY: CHUTIA, BARAKHA

HIGHWAY 12

RESIDENTIAL

GRAVEL ROAD

RESIDENTIAL

ROSELAND AVE.

AREA OF 1994 CARDLOCK AND PIPING EXCAVATION; 4-5 FEET DEEP

AREA OF 1993 UST EXCAVATION; 15 FEET DEEP

FORMER BUILDING

FORMER USTS

BLDG.

MAINTENANCE AREA

FORMER CARDLOCK ISLAND AND FORMER TTLR #1

FORMER VAPOR POT

FORMER SETTLING TANK

FORMER CATCH BASIN

FORMER PUMP ISLAND

OFFICE

DOCK

LUBE OIL STORAGE

LOADING DOCK

FORMER CONCRETE VAULT/SUMP

FORMER VAPOR POT

FORMER ASTS

FORMER TTLR #2

SECONDARY CONTAINMENT AREA

FORMER TRANSFER BLOCK

JOE RODOTA TRAIL

FORMER P. & S.R.R.R

ART'S TOWING

WAREHOUSE

RESIDENTIAL

SCHOOL BUS PARKING LOT

ASPHALT CLEARANCE

SECURITY FENCED COMPOUND WITH RAZOR WIRE

MW-12 (<0.20)
MW-13
MW-13A (NS)
MW-15 (NS)
MW-14 (NS)
MW-9 (<0.20)
MW-1
MW-3 (<0.20)
MW-4 (0.4 J)
MW-2 (520)
DHS-8 (NS) [0.02]
MW-8
MW-16A (NS)
MW-16
MW-6 (12)
MW-10 (160)
MW-7 (<0.20)
MW-5 (2.0)
MW-11

SVP-12
SVP-3
SVP-2
SVP-1
SVP-13
SVP-4
SVP-6
SVP-6P
SVP-7
SVP-8
SVP-10
SVP-11
SVP-9
SVP-14
SVP-15
SVP-16

1
10
100

N

LEGEND

- MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (520) BENZENE CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- 100 BENZENE ISOCONCENTRATION CONTOUR (µg/L; DASHED WHERE INFERRED)
- J ESTIMATED VALUE BETWEEN(BETWEEN PRACTICAL QUANTITATION LIMIT AND METHOD DETECTION LIMIT)
- [0.02] LIGHT NON-AQUEOUS PHASE LIQUID PRESENT
- (<0.20) NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT (MDL)
- (NS) NOT SAMPLED

0' 50' 100'

Approximate Scale: 1 in. = 30 ft.

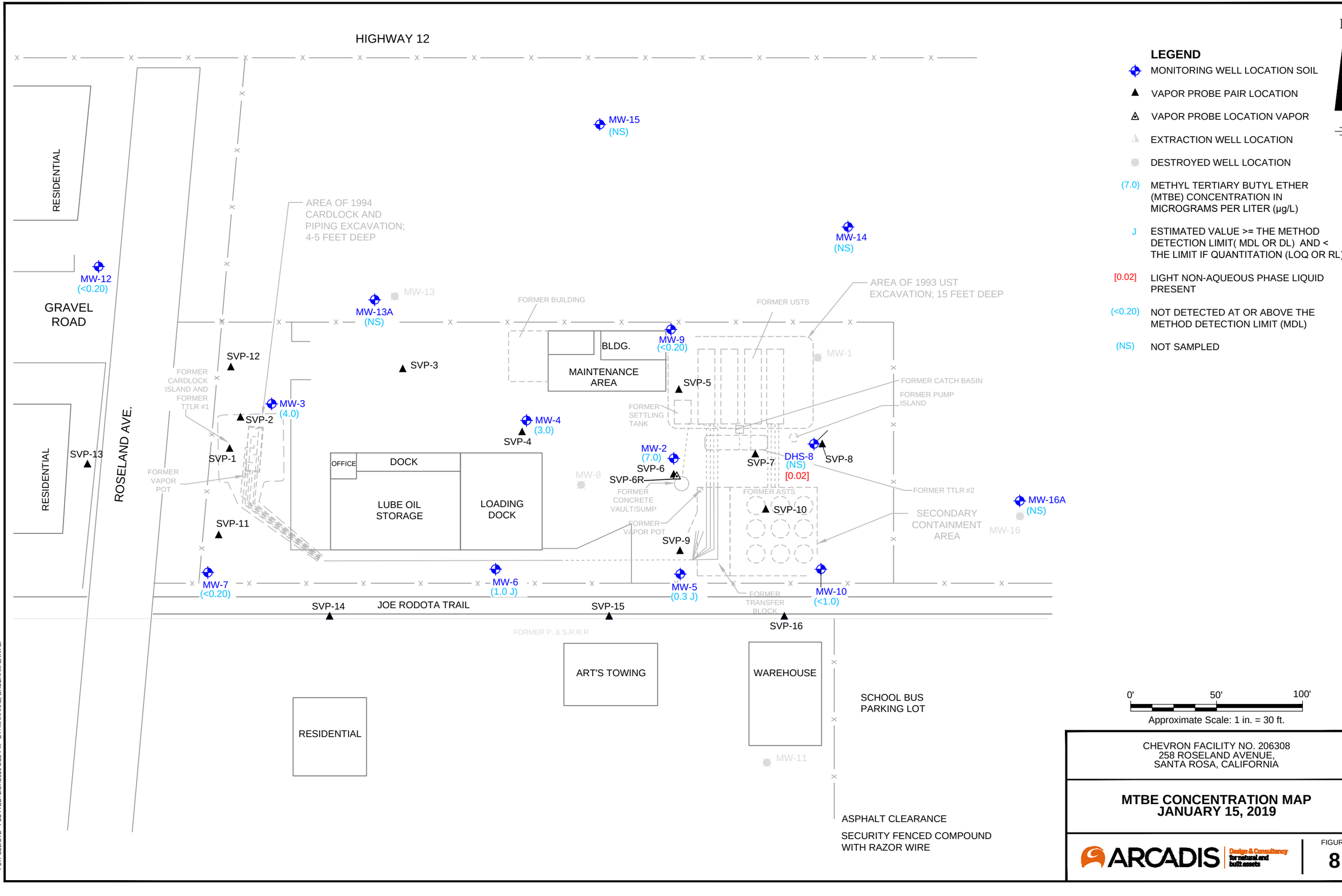
CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

BENZENE ISOCONCENTRATION CONTOUR MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 7

CITY:(Reqd) DIVGROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\mahakal\3526\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATIONASR 206308 SANTA ROSA\2019\ASRTM05SL-6308\01-DWG\FIGURE 8_MTBE concentration Map.dwg LAYOUT: 8 SAVED: 2/27/2019 5:20 PM ACADVER: 21.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE:
PLTFULL.CTB PLOTTED: 2/27/2019 5:25 PM BY: MAHAKAL, SHUBHAM SHIVAJI



LEGEND

- MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (7.0) METHYL TERTIARY BUTYL ETHER (MTBE) CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- J ESTIMATED VALUE >= THE METHOD DETECTION LIMIT(MDL OR DL) AND < THE LIMIT IF QUANTITATION (LOQ OR RL)
- [0.02] LIGHT NON-AQUEOUS PHASE LIQUID PRESENT
- (<0.20) NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT (MDL)
- (NS) NOT SAMPLED

CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

MTBE CONCENTRATION MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 8

ATTACHMENT A

Field Data Sheets and General Procedures

GETTLER-RYAN INC.

TRANSMITTAL

REVISED: February 22, 2019
January 24, 2019
G-R #17155201

TO: Ms. Katherine Szymanowski
Arcadis
2300 Clayton Road, Suite 400
Concord, CA 94520

FROM: Deanna L. Harding
Project Manager
Gettler-Ryan Inc.
6805 Sierra Court, Suite G
Dublin, California 94568

RE: **Former Chevron Service Station**
#206308
258 Roseland Avenue
Santa Rosa, California
RWQCB-Case No. 1NSO252

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **First Semi Annual Event of January 15, 2019**

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

tmns/206308

WELL CONDITION STATUS SHEET

Client/ Facility #: Chevron #206308
Site Address: 258 Roseland Avenue
City: Santa Rosa, CA

Job #: 17155201
Event Date: 1-15-19
Sampler: MC

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retaped RK=Repair Kit	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
MW-3	OK							NO	NO	3' circular vault	
MW-4	OK									"	
MW-5	OK			2.5	ok					PEMCO/12"/2	
MW-6	OK			2.5	OK			Yes	Yes	"	
MW-7	OK			1-B	OK			NO	NO	EMCO/12"/2	
2	OK									MORRISON /12/2	
9	OK									EMCO/	
10	OK										
12	OK									MORRISON /8/2	
13A	UNABLE TO ACCESS									UTA	
14	UTA										
15	UTA										
16A	UTA										
DHS-3	OK							N	N	EMCO /12/—	

DRUMS PRESENT ONSITE? (Y)/ N #: 1 ARE DRUMS PROPERLY LABELED? (Y)/ N LOCATION OF DRUMS: GARAGE

Comments: ~~20~~ Gallons of purge water removed from Drum on site, requested by GHD

STANDARD OPERATING PROCEDURE, LOW-FLOW PURGING AND SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following Standard Operating Procedure (SOP) for the collection and handling of representative groundwater samples using the Low-Flow (Minimal-Drawdown) Purging technique. This SOP incorporates purging and sampling methods discussed in U.S. EPA, Ground Water Issue, Publication Number EPA/540/S-95/504, April 1996 by Puls, R.W. and M.J. Barcelona - *"Low-Flow (Minimal-Drawdown) Ground-Water Sampling Procedures."*

A QED Well Wizard™ (or equivalent) bladder pump or Peristaltic Pump will be used to purge and sample selected wells as outlined in the scope-of-work. An in-line flow cell or other multi-parameter meter is used to collect water quality indicating parameters during purging.

Initial Pump Discharge Test Procedures

The Static Water Level (SWL) is measured in all wells at the site prior to the installation of the pump or tubing and initiation of the test procedures in any well. In addition, the presence or absence of separate-phase hydrocarbons (SPH) is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot. The SWL measurement and SPH thickness, if any, will be recorded on the field data sheet. Total well depths are measured annually.

The bladder pump or suction inlet tubing of the peristaltic pump is then positioned with its inlet located within the screened interval of the well. The in-line flow cell is then connected to the discharge tubing. After pump installation, the SWL is allowed to recover to its original level. The pump is then started at a discharge rate between 100 ml to 300 ml per minute with the in-line flow cell connected. The water level is monitored continuously for any change from the original measurement and the discharge rate is adjusted until an optimum discharge rate (ODR) is determined. The goal for the ODR is to produce a stable drawdown of less than 0.1 meter as allowed by site conditions; however the total drawdown from the initial SWL should not exceed 25% of the distance between pump inlet location and the top of the well screen. Once achieved, the ODR will be confirmed by volumetric discharge measurement and recorded on the field data sheet.

Purging and Water Quality Parameter Measurement

When the ODR has been determined and the SWL drawdown has been established within the acceptable range, and a minimum of one pump system volume (bladder volume and/or discharge tubing volume) has been purged, field measurements for temperature (T), pH, conductivity (Ec), and if required, oxygen reduction potential (ORP) and dissolved oxygen (DO) will be collected and documented on the field data sheet. Measurements should be taken every three to five minutes until parameters stabilize for three consecutive readings. The minimum parameter subset of T (± 10%), pH (± 0.1 unit), and Ec (± 10 uS) are required to stabilize. Additional parameters that may be required are DO (± 0.2 mg/l) and ORP (± 20 mV).

Sample Collection

When water quality parameters have stabilized, and the SWL drawdown remains established within the acceptable range, groundwater sample collection may begin. If used, the in-line flow cell and its tubing are disconnected from the discharge tubing prior to sample collection. Water samples are collected from the discharge tubing into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by Clean Harbors Environmental Services to Seaport Environmental located in Redwood City, California.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 Job Number: 17155201
Site Address: 258 Roseland Avenue Event Date: 1/15/19 (inclusive)
City: Santa Rosa, CA Sampler: GM

Well ID MW-2 Date Monitored: 1/15/19 Time Monitored: 0840
Well Diameter 2(4) in.
Total Depth 20.93 ft.
Depth to Water 5.10 ft. ☐ Check if water column is less then 0.50 ft.
15.83 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	X	Peristaltic Pump	X
QED Bladder Pump		QED Bladder Pump	
		Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 1050 Weather Conditions: LT RAIN
Sample Time/Date: 1125 / 1/15/19 Water Color: CLEAR Odor: (Y) N STRONG
Approx. Flow Rate: .20 lpm. Sediment Description: SL SILT
Did well de-water? NO If yes, Time: — Volume: — ltr. DTW @ Sampling: 5.12

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µs/mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded
1108	3.6	6.94	1971	16.1			74.9	5.11
1111	4.2	6.53	1968	16.1			77.6	5.11
1114	4.8	6.92	1962	16.2			79.2	5.12

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	3 x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	2 x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: ~14.50 FT.

Add/Replaced Gasket: Add/Replaced Bolt or FRK: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 Job Number: 17155201
Site Address: 258 Roseland Avenue Event Date: 1-15-19 (inclusive)
City: Santa Rosa, CA Sampler: ML

Well ID MW-3 Date Monitored: 1-15-19 Time Monitored: 0800
Well Diameter 2(4) in.
Total Depth 23.60 ft.
Depth to Water 6.88 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

16.72 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	
Peristaltic Pump	X
QED Bladder Pump	

Sampling Equipment:

Disposable Bailer	
Pressure Bailer	
Metal Filters	
Peristaltic Pump	X
QED Bladder Pump	
Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 0905 Weather Conditions: RAIN
Sample Time/Date: 0935 / 1-15-19 Water Color: Clear Odor: Y / N
Approx. Flow Rate: 200 ml lpm. Sediment Description: None
Did well de-water? NO If yes, Time: Volume: ltr. DTW @ Sampling: 6.97

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded
0923	3.6	7.20	201	15.5			59.1	6.94
0926	4.2	7.25	211	15.6			55.2	6.95
0929	4.8	7.26	213	15.6			56.2	6.97

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	2 x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: ~ 14.50 feet

Add/Replaced Gasket: Add/Replaced Bolt or FRK: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 | Job Number: 17155201
Site Address: 258 Roseland Avenue | Event Date: 1-15-19 (inclusive)
City: Santa Rosa, CA | Sampler: AL

Well ID: MW-4 | Date Monitored: 1-15-19 | Time Monitored: 0820
Well Diameter: 2 (4) in.
Total Depth: 17.91 ft.
Depth to Water: 6.37 ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

11.54 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ___

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	X	Peristaltic Pump	X
QED Bladder Pump		QED Bladder Pump	
		Other:	

Time Started: ___ (2400 hrs)
Time Completed: ___ (2400 hrs)
Depth to Product: ___ ft
Depth to Water: ___ ft
Hydrocarbon Thickness: ___ ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ ltr
Amt Removed from Well: ___ ltr
Water Removed: ___ ltr

Start Time (purge): 1125 | Weather Conditions: RAIN
Sample Time/Date: 1155 1-15-19 | Water Color: CLEAR | Odor: Y / (N)
Approx. Flow Rate: 200 ml/min. | Sediment Description: none
Did well de-water? NO | If yes, Time: ___ | Volume: ___ ltr. | DTW @ Sampling: 6.44

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded
1143	3.6	7.31	636	15.0			36.1	6.41
1146	4.2	7.37	641	15.0			39.2	6.42
1149	4.8	7.40	644	15.1			39.0	6.44

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	3 x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	2 x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: ~14.50 feet

Add/Replaced Gasket: ___ Add/Replaced Bolt or FRK: ___ Add/Replaced Lock: ___ Add/Replaced Plug: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 Job Number: 17155201
Site Address: 258 Roseland Avenue Event Date: 1-15-19 (inclusive)
City: Santa Rosa, CA Sampler: ML

Well ID MW-5 Date Monitored: 1-15-19 Time Monitored: 0827
Well Diameter 2(4) in.
Total Depth 23.74 ft.
Depth to Water 6.20 ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

17.54 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.
Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): ___

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	___	Disposable Bailer	___
Stainless Steel Bailer	___	Pressure Bailer	___
Stack Pump	___	Metal Filters	___
Peristaltic Pump	X	Peristaltic Pump	X
QED Bladder Pump	___	QED Bladder Pump	___
		Other: ___	

Time Started: ___ (2400 hrs)
Time Completed: ___ (2400 hrs)
Depth to Product: ___ ft
Depth to Water: ___ ft
Hydrocarbon Thickness: ___ ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ ltr
Amt Removed from Well: ___ ltr
Water Removed: ___ ltr

Start Time (purge): 1240 Weather Conditions: Rain
Sample Time/Date: 1310 / 1-15-19 Water Color: Clear Odor: (Y) / N STRONG
Approx. Flow Rate: 200 ml/min. Sediment Description: none
Did well de-water? NO If yes, Time: ___ Volume: ___ ltr. DTW @ Sampling: 6.22

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded
1258	3.6	7.42	701	16.3			64.1	6.22
1301	4.2	7.45	691	16.4			66.2	6.22
1304	4.8	7.47	694	16.4			62.1	6.22

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	2 x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: ~14.50 feet

Add/Replaced Gasket: ___ Add/Replaced Bolt or FRK: ___ Add/Replaced Lock: ___ Add/Replaced Plug: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 Job Number: 17155201
Site Address: 258 Roseland Avenue Event Date: 1-5-19 (inclusive)
City: Santa Rosa, CA Sampler: ML

Well ID MW-6 Date Monitored: 1-5-19 Time Monitored: 0812
Well Diameter 2 in.
Total Depth 27.00 ft.
Depth to Water 6.82 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

20.18 xVF ~ = ~ x3 case volume = Estimated Purge Volume: ~ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ~

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	X	Peristaltic Pump	X
QED Bladder Pump		QED Bladder Pump	
		Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 1040 Weather Conditions: RAIN
Sample Time/Date: 1110 / 1-15-19 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 200 ml/min. lpm. Sediment Description: none
Did well de-water? NO If yes, Time: Volume: ltr. DTW @ Sampling: 6.88

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded
1058	3.6	6.81	420	16.1			46.1	6.85
1101	4.2	6.84	427	16.2			42.2	6.82
1104	4.8	6.88	431	16.2			41.1	6.88

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	2 x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: ~ 14.50 feet

Add/Replaced Gasket: Add/Replaced Bolt or FRK: Add/Replaced Lock: X Add/Replaced Plug: X

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 Job Number: 17155201
Site Address: 258 Roseland Avenue Event Date: 1-15-19 (inclusive)
City: Santa Rosa, CA Sampler: MC

Well ID MW-7 Date Monitored: 1-15-19 Time Monitored: 0807
Well Diameter 2(4) in.
Total Depth 26.05 ft.
Depth to Water 6.60 ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

19.45 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.
Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): ___

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Fillers	
Peristaltic Pump	X	Peristaltic Pump	X
QED Bladder Pump		QED Bladder Pump	
		Other:	

Time Started: ___ (2400 hrs)
Time Completed: ___ (2400 hrs)
Depth to Product: ___ ft
Depth to Water: ___ ft
Hydrocarbon Thickness: ___ ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ ltr
Amt Removed from Well: ___ ltr
Water Removed: ___ ltr

Start Time (purge): 0955 Weather Conditions: RAIN
Sample Time/Date: 1025 1-15-19 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 200 ml/m lpm. Sediment Description: None
Did well de-water? no If yes, Time: ___ Volume: ___ ltr. DTW @ Sampling: 6.71

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded
1013	3.6	7.31	316	16.8			49.1	6.67
1016	4.2	7.34	322	16.8			50.2	6.69
1019	4.8	7.36	324	16.9			49.4	6.71

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	3 x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	2 x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: ~14.50 feet

Add/Replaced Gasket: ___ Add/Replaced Bolt or FRK: ___ Add/Replaced Lock: ___ Add/Replaced Plug: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 Job Number: 17155201
Site Address: 258 Roseland Avenue Event Date: 1/15/18 (inclusive)
City: Santa Rosa, CA Sampler: GM

Well ID MW-9 Date Monitored: 1/15/18 Time Monitored: 0835
Well Diameter 2(4) in.
Total Depth 23.33 ft.
Depth to Water 2.58 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less than 0.50 ft.

20.75 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ___

Purge Equipment:
Disposable Bailer ___
Stainless Steel Bailer ___
Stack Pump ___
Peristaltic Pump X
QED Bladder Pump ___

Sampling Equipment:
Disposable Bailer ___
Pressure Bailer ___
Metal Filters ___
Peristaltic Pump X
QED Bladder Pump ___
Other: ___

Time Started: ___ (2400 hrs)
Time Completed: ___ (2400 hrs)
Depth to Product: ___ ft
Depth to Water: ___ ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ ltr
Amt Removed from Well: ___ ltr
Water Removed: ___ ltr

Start Time (purge): 1000 Weather Conditions: CLEAR
Sample Time/Date: 1035 / 1/15/18 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: .200 lpm. Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: ___ ltr. DTW @ Sampling: 2.60

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS/ mS µmhos/cm)	Temperature ((F) F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded
1019	7.6	7.37	245	16.2			37.5	2.60
1021	4.2	7.38	244	16.2			38.1	2.60
1024	4.8	7.36	242	16.2			38.6	2.60

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	3 x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	2 x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: ~14.50ft.

Add/Replaced Gasket: ___ Add/Replaced Bolt or FRK: ___ Add/Replaced Lock: ___ Add/Replaced Plug: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 Job Number: 17155201
Site Address: 258 Roseland Avenue Event Date: 1/15/19 (inclusive)
City: Santa Rosa, CA Sampler: GM

Well ID MW-10 Date Monitored: 1/15/19 Time Monitored:
Well Diameter (4) in
Total Depth 24.48 ft
Depth to Water 4.27 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

20.21 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Peristaltic Pump X
QED Bladder Pump

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Metal Filters
Peristaltic Pump X
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 0910 Weather Conditions: LT RAIN
Sample Time/Date: 0945 1/15/19 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: .200 lpm. Sediment Description: NONE
Did well de-water? no If yes, Time: — Volume: — ltr. DTW @ Sampling: 4.31

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS) mS µmhos/cm)	Temperature (C) F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded
0928	3.6	6.96	419	16.2			50.6	4.30
0931	4.2	6.92	418	16.2			51.3	4.30
0934	4.8	6.95	416	16.9			52.9	4.31

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	3 x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	2 x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: ~14.50ft.

Add/Replaced Gasket: Add/Replaced Bolt or FRK: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 Job Number: 17155201
Site Address: 258 Roseland Avenue Event Date: 1/15/19 (inclusive)
City: Santa Rosa, CA Sampler: GM

Well ID MW-12 Date Monitored: 1/15/19 Time Monitored: 0750
Well Diameter (2) 4 in.
Total Depth 18.42 ft.
Depth to Water 6.88 ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

11.54 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): —

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	X	Peristaltic Pump	X
QED Bladder Pump		QED Bladder Pump	
		Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 1145 Weather Conditions: LT RAIN
Sample Time/Date: 1220 / 1/15/19 Water Color: CLEAR Odor: Y (N)
Approx. Flow Rate: .200 lpm. Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — ltr. DTW @ Sampling: 6.97

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS/mS µmhos/cm)	Temperature (C F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded
1203	7.6	7.44	174	16.5			83.9	6.92
1206	4.7	7.43	172	16.6			85.1	6.93
1209	4.8	7.41	171	16.5			86.4	6.93

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-12	3 x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	2 x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: ~14.5 ft.

Add/Replaced Gasket: Add/Replaced Bolt or FRK: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 Job Number: 17155201
Site Address: 258 Roseland Avenue Event Date: 1/15/19 (inclusive)
City: Santa Rosa, CA Sampler: CM

Well ID MW-13A Date Monitored: 1/15/19 Time Monitored: NA
Well Diameter 2/4 in.
Total Depth ft.
Depth to Water N/A ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ___

Purge Equipment:
Disposable Bailer ___
Stainless Steel Bailer ___
Stack Pump ___
Peristaltic Pump ___
QED Bladder Pump ___

Sampling Equipment:
Disposable Bailer ___
Pressure Bailer ___
Metal Filters ___
Peristaltic Pump ___
QED Bladder Pump ___
Other: ___

Time Started: ___ (2400 hrs)
Time Completed: ___ (2400 hrs)
Depth to Product: ___ ft
Depth to Water: ___ ft
Hydrocarbon Thickness: ___ ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ ltr
Amt Removed from Well: ___ ltr
Water Removed: ___ ltr

Start Time (purge): ___ Weather Conditions: ___
Sample Time/Date: ___ / ___ Water Color: ___ Odor: Y / N ___
Approx. Flow Rate: ___ lpm. Sediment Description: ___
Did well de-water? ___ If yes, Time: ___ Volume: ___ ltr. DTW @ Sampling: ___

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: NA STOP WORK UNABLE TO ACCESSES DUE TO MUD UNSAFE WALKING CONDITIONS.

Add/Replaced Gasket: ___ Add/Replaced Bolt or FRK: ___ Add/Replaced Lock: ___ Add/Replaced Plug: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 Job Number: 17155201
Site Address: 258 Roseland Avenue Event Date: 1/15/19 (inclusive)
City: Santa Rosa, CA Sampler: GM

Well ID MW-14 Date Monitored: 1/15/19 Time Monitored: NA
Well Diameter 2/4 in.
Total Depth ft.
Depth to Water N/A ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ___

Time Started: ___ (2400 hrs)
Time Completed: ___ (2400 hrs)
Depth to Product: ___ ft
Depth to Water: ___ ft
Hydrocarbon Thickness: ___ ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ ltr
Amt Removed from Well: ___ ltr
Water Removed: ___ ltr

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	___	Disposable Bailer	___
Stainless Steel Bailer	___	Pressure Bailer	___
Stack Pump	___	Metal Filters	___
Peristaltic Pump	___	Peristaltic Pump	___
QED Bladder Pump	___	QED Bladder Pump	___
		Other: ___	

Start Time (purge): ___ Weather Conditions: ___
Sample Time/Date: / Water Color: ___ Odor: Y / N ___
Approx. Flow Rate: ___ lpm. Sediment Description: ___
Did well de-water? ___ If yes, Time: ___ Volume: ___ ltr. DTW @ Sampling: ___

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: NA STOP WORK
UNABLE TO ACCESS DUE TO EXTREMELY MUDDY CONDITIONS UNSAFE TO WALK

Add/Replaced Gasket: ___ Add/Replaced Bolt or FRK: ___ Add/Replaced Lock: ___ Add/Replaced Plug: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 | Job Number: 17155201
Site Address: 258 Roseland Avenue | Event Date: 1/15/19 (inclusive)
City: Santa Rosa, CA | Sampler: GM

Well ID: MW-15 | Date Monitored: 1/15/19 | Time Monitored: NA
Well Diameter: 2/4 in.
Total Depth: ft
Depth to Water: NA ft

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft

xVF ____ = ____ x3 case volume = Estimated Purge Volume: ____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ____

Purge Equipment:
Disposable Bailer ____
Stainless Steel Bailer ____
Stack Pump ____
Peristaltic Pump ____
QED Bladder Pump ____

Sampling Equipment:
Disposable Bailer ____
Pressure Bailer ____
Metal Filters ____
Peristaltic Pump ____
QED Bladder Pump ____
Other: ____

Time Started: ____ (2400 hrs)
Time Completed: ____ (2400 hrs)
Depth to Product: ____ ft
Depth to Water: ____ ft
Hydrocarbon Thickness: ____ ft
Visual Confirmation/Description: ____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ____ ltr
Amt Removed from Well: ____ ltr
Water Removed: ____ ltr

Start Time (purge): ____ Weather Conditions: ____
Sample Time/Date: / Water Color: ____ Odor: Y / N ____
Approx. Flow Rate: ____ lpm. Sediment Description: ____
Did well de-water? ____ If yes, Time: ____ Volume: ____ ltr. DTW @ Sampling: ____

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: NA STOP WORK
UNABLE TO ACCESS DO TO EXTREMELY
MUDDY CONDITIONS UNSAFE TO WALK

Add/Replaced Gasket: ____ Add/Replaced Bolt or FRK: ____ Add/Replaced Lock: ____ Add/Replaced Plug: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 Job Number: 17155201
Site Address: 258 Roseland Avenue Event Date: 1/15/19 (inclusive)
City: Santa Rosa, CA Sampler: GM

Well ID MW-16A Date Monitored: 1/15/19 Time Monitored: NA
Well Diameter 2/4 in.
Total Depth ft.
Depth to Water NA ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ___

Purge Equipment:
Disposable Bailer ___
Stainless Steel Bailer ___
Stack Pump ___
Peristaltic Pump ___
QED Bladder Pump ___

Sampling Equipment:
Disposable Bailer ___
Pressure Bailer ___
Metal Filters ___
Peristaltic Pump ___
QED Bladder Pump ___
Other: ___

Time Started: ___ (2400 hrs)
Time Completed: ___ (2400 hrs)
Depth to Product: ___ ft
Depth to Water: ___ ft
Hydrocarbon Thickness: ___ ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ ltr
Amt Removed from Well: ___ ltr
Water Removed: ___ ltr

Start Time (purge): ___ Weather Conditions: ___
Sample Time/Date: / Water Color: ___ Odor: Y / N ___
Approx. Flow Rate: ___ lpm. Sediment Description: ___
Did well de-water? ___ If yes, Time: ___ Volume: ___ ltr. DTW @ Sampling: ___

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: NA STOP WORK UNABLE TO ACCESS DUE TO EXTREMELY MUDDY CONDITIONS UNSAFE TO WALK.

Add/Replaced Gasket: ___ Add/Replaced Bolt or FRK: ___ Add/Replaced Lock: ___ Add/Replaced Plug: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #206308 | Job Number: 17155201
Site Address: 258 Roseland Avenue | Event Date: 11/15/19 (inclusive)
City: Santa Rosa, CA | Sampler: GM

Well ID: DHS-8
Well Diameter: 2 in.
Total Depth: 23.31 ft.
Depth to Water: 5.00 ft.
Date Monitored: 11/15/19 Time Monitored: 0845

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less than 0.50 ft.

18.31 xVF ____ = ____ x3 case volume = Estimated Purge Volume: ____ gal.

Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): ____

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Peristaltic Pump
QED Bladder Pump

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Metal Fillers
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: ____ (2400 hrs)
Time Completed: ____ (2400 hrs)
Depth to Product: 4.98 ft
Depth to Water: 5.00 ft
Hydrocarbon Thickness: 0.02 ft
Visual Confirmation/Description: Brown
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ____ ltr
Amt Removed from Well: ____ ltr
Water Removed: ____ ltr

Start Time (purge): ____ Weather Conditions: ____
Sample Time/Date: ____ / ____ Water Color: ____ Odor: Y / N
Approx. Flow Rate: ____ lpm. Sediment Description: ____
Did well de-water? ____ If yes, Time: ____ Volume: ____ ltr. DTW @ Sampling: ____

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	TURBIDITY	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	EUROFINS	TPH-GRO(8260)/BTEX+MTBE(8260)/TBA(8260)
	x 250ml ambers	YES	NP	EUROFINS	TPH-DRO w/sgc COLUMN(3510 MINI EXTRACTION)/ TPH-DRO(3510 MIIN EXTRACTION)

COMMENTS: DEPTH PUMP SET AT: NA SPH

Add/Replaced Gasket: ____ Add/Replaced Bolt or FRK: ____ Add/Replaced Lock: ____ Add/Replaced Plug: ____

206308, Santa Rosa DHS-8 Product Verification 01-15-19

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

For Eurofins Lancaster Laboratories use only
Acct. # _____ Group # _____ Sample # _____
Instructions on reverse side correspond with circled numbers

(1) Client Information

Facility #: 9-3#206308-OML G-R#17155201 Global ID#T0609793561
Site Address: 2000 ROSELAND AVENUE, SANTA ROSA, CA
Chevron PM: ARCADISKS Lead Consultant: Cozmanowski
Consultant Office: Gettler-Ryan Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568
Consultant Project Mgr: Deanna L. Harding, deanna@grinc.com
Consultant Phone #: (925) 551-7444 x180
Sampler: GM/ML

(4) Matrix

Soil ☐ Sediment ☐
Water ☑ Ground ☐ Potable ☐ NPDES ☐ Surface ☐
Oil ☐ Air ☐

(5) Analyses Requested

SCR #: _____

- ☐ Results in Dry Weight
- ☐ J value reporting needed
- ☑ Must meet lowest detection limits possible for 8260 compounds
- ☐ 8021 MTBE Confirmation
- ☐ Confirm highest hit by 8260
- ☐ Confirm all hits by 8260
- ☐ Run _____ oxy's on highest hit
- ☐ Run _____ oxy's on all hits

(2) Sample Identification	Soil Depth	Collected Date	Collected Time	(3) Grab	(3) Composite	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☒	TPH-GRO 8015 ☐ 8260 ☒	TPH-DRO 8015 without Silica Gel Cleanup ☒	TPH-DRO 8015 with Silica Gel Cleanup ☑	8260 Full Scan	Oxygenates	Total Lead Method	Dissolved Lead Method	TFA 8260
QA		19/11/15	—	X		2	X	X							
MW-7		19/11/15	1125	X		5	X	X	X	X					X
MW-3		19/11/15	0935	X		5	X	X	X	X					X
MW-4		19/11/15	1155	X		5	X	X	X	X					X
MW-5		19/11/15	1210	X		5	X	X	X	X					X
MW-10		19/11/15	1110	X		5	X	X	X	X					X
MW-7		19/11/15	1025	X		5	X	X	X	X					X
MW-9		19/11/15	1035	X		5	X	X	X	X					X
MW-10		19/11/15	0945	X		5	X	X	X	X					X
MW-12		19/11/15	1220	X		5	X	X	X	X					X

(6) Remarks

ALL GRO SAMPLES FOR THIS SITE NEED TO BE RUN BY 8260. REQUESTING CHROMATOGRAMS FOR ALL TPH-DRO ANALYSES.

(7) Turnaround Time Requested (TAT) (please circle)

Standard | 5 day | 4 day
72 hour | 48 hour | 24 hour | EDF/EDD

(8) Data Package (circle if required)

Type I - Full
Type VI (Raw Data)

EDD (circle if required)
EDFFLAT (default)
Other: _____

Relinquished by	Date	Time	Received by	Date	Time
[signature]	19/11/15	1500			
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Commercial Carrier: UPS ____ FedEx X Other ____			Received by	Date	Time

Temperature Upon Receipt _____ °C

Custody Seals Intact? Yes No

(9)

ATTACHMENT B

Laboratory Report and Chain-of-Custody Documentation

eurofins | Lancaster Laboratories Environmental

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-6766 • www.EurofinsUS.com/LancLabsEnv

ANALYSIS REPORT

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

Report Date: February 07, 2019 15:50

Project: 206308

Account #: 11928
Group Number: 2025479
SDG: CVU63
PO Number: 0015301700
Release Number: LATHROP
State of Sample Origin: CA

Electronic Copy To	ARCADIS	Attn: Katherine Szymanowski
Electronic Copy To	ARCADIS	Attn: Paloma Duong

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

To view our laboratory's current scopes of accreditation please go to https://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/certifications-and-accreditations-eurofins-lancaster-laboratories-environmental/ . Historical copies may be requested through your project manager.

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-6766 • www.EurofinsUS.com/LancLabsEnv

SAMPLE INFORMATION

Client Sample Description	Sample Collection Date/Time	ELLE#
QA-T-190115 NA Water	01/15/2019	9968567
MW-2-W-190115 Grab Groundwater	01/15/2019 11:25	9968568
MW-3-W-190115 Grab Groundwater	01/15/2019 09:35	9968569
MW-4-W-190115 Grab Groundwater	01/15/2019 11:55	9968570
MW-5-W-190115 Grab Groundwater	01/15/2019 13:10	9968571
MW-6-W-190115 Grab Groundwater	01/15/2019 11:10	9968572
MW-7-W-190115 Grab Groundwater	01/15/2019 10:25	9968573
MW-9-W-190115 Grab Groundwater	01/15/2019 10:35	9968574
MW-10-W-190115 Grab Groundwater	01/15/2019 09:45	9968575
MW-12-W-190115 Grab Groundwater	01/15/2019 12:20	9968576

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Sample Description: **QA-T-190115 NA Water**
Facility# 206308 Job# 17155201 GRD
258 Roseland-Santa Rosa T0609793561

Chevron
ELLE Sample #: WW 9968567
ELLE Group #: 2025479
Matrix: Water

Project Name: **206308**

Submittal Date/Time: 01/16/2019 09:40
Collection Date/Time: 01/15/2019
SDG#: CVU63-01TB

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10945	Benzene	71-43-2	N.D.	0.2	1	1
10945	C6-C12-TPH-GRO	n.a.	N.D.	25	50	1
10945	Ethylbenzene	100-41-4	N.D.	0.2	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.2	1	1
10945	Toluene	108-88-3	N.D.	0.2	1	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	5	1

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	GRO/BTEX/MTBE 8260 Water	SW-846 8260B	1	F190231AA	01/23/2019 08:50	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F190231AA	01/23/2019 08:49	Anita M Dale	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-2-W-190115 Grab Groundwater**
Facility# 206308 Job# 17155201 GRD
258 Roseland-Santa Rosa T0609793561

Chevron
ELLE Sample #: WW 9968568
ELLE Group #: 2025479
Matrix: Groundwater

Project Name: **206308**

Submittal Date/Time: 01/16/2019 09:40
Collection Date/Time: 01/15/2019 11:25
SDG#: CVU63-02

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	520		1	5	5
10945	t-Butyl alcohol	75-65-0	N.D.		50	130	5
10945	C6-C12-TPH-GRO	n.a.	4,100		130	250	5
10945	Ethylbenzene	100-41-4	10		1	5	5
10945	Methyl Tertiary Butyl Ether	1634-04-4	7		1	5	5
10945	Toluene	108-88-3	5	J	1	5	5
10945	Xylene (Total)	1330-20-7	9	J	3	25	5
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
12899	DRO C10-C28	n.a.	21,000		230	500	5
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
12917	DRO C10-C28 w/ SiGel	n.a.	27,000		450	1,000	10

The reverse surrogate, capric acid, is present at <1%.

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE/TBA + GRO - Water	SW-846 8260B	1	F190232AA	01/23/2019 13:46	Anita M Dale	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F190232AA	01/23/2019 13:45	Anita M Dale	5
12899	TPH-DRO C10-C28	SW-846 8015B	1	190210031A	01/24/2019 14:55	Thomas C Wildermuth	5
12917	DRO 250mL w/ 10g SiGel	SW-846 8015B	1	190210032A	01/31/2019 21:54	Thomas C Wildermuth	10
12923	Mini-Ext. DRO, Column SiGel	SW-846 3510C	1	190210032A	01/22/2019 09:00	Logan M Brosemer	1
12906	Mini-extraction DRO (waters)	SW-846 3510C	1	190210031A	01/22/2019 09:00	Logan M Brosemer	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-3-W-190115 Grab Groundwater**
Facility# 206308 Job# 17155201 GRD
258 Roseland-Santa Rosa T0609793561

Chevron
ELLE Sample #: WW 9968569
ELLE Group #: 2025479
Matrix: Groundwater

Project Name: **206308**

Submittal Date/Time: 01/16/2019 09:40
Collection Date/Time: 01/15/2019 09:35
SDG#: CVU63-03

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10945	Benzene	71-43-2	N.D.	0.2	1	1
10945	t-Butyl alcohol	75-65-0	N.D.	10	25	1
10945	C6-C12-TPH-GRO	n.a.	93	25	50	1
10945	Ethylbenzene	100-41-4	N.D.	0.2	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	4	0.2	1	1
10945	Toluene	108-88-3	N.D.	0.2	1	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	5	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
12899	DRO C10-C28	n.a.	540	46	100	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
12917	DRO C10-C28 w/ SiGel	n.a.	N.D.	46	100	1

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE/TBA + GRO - Water	SW-846 8260B	1	F190232AA	01/23/2019 08:59	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F190232AA	01/23/2019 08:58	Anita M Dale	1
12899	TPH-DRO C10-C28	SW-846 8015B	1	190210031A	01/23/2019 16:17	Thomas C Wildermuth	1
12917	DRO 250mL w/ 10g SiGel	SW-846 8015B	1	190210032A	01/25/2019 20:21	Thomas C Wildermuth	1
12923	Mini-Ext. DRO, Column SiGel	SW-846 3510C	1	190210032A	01/22/2019 09:00	Logan M Brosemer	1
12906	Mini-extraction DRO (waters)	SW-846 3510C	2	190210031A	01/22/2019 09:00	Logan M Brosemer	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-4-W-190115 Grab Groundwater**
Facility# 206308 Job# 17155201 GRD
258 Roseland-Santa Rosa T0609793561

Chevron
ELLE Sample #: WW 9968570
ELLE Group #: 2025479
Matrix: Groundwater

Project Name: **206308**

Submittal Date/Time: 01/16/2019 09:40
Collection Date/Time: 01/15/2019 11:55
SDG#: CVU63-04

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	0.4	J	0.2	1	1
10945	t-Butyl alcohol	75-65-0	16	J	10	25	1
10945	C6-C12-TPH-GRO	n.a.	580		25	50	1
10945	Ethylbenzene	100-41-4	N.D.		0.2	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	3		0.2	1	1
10945	Toluene	108-88-3	N.D.		0.2	1	1
10945	Xylene (Total)	1330-20-7	N.D.		0.5	5	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
12899	DRO C10-C28	n.a.	4,400		46	100	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
12917	DRO C10-C28 w/ SiGel	n.a.	410		46	100	1

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE/TBA + GRO - Water	SW-846 8260B	1	F190232AA	01/23/2019 09:21	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F190232AA	01/23/2019 09:20	Anita M Dale	1
12899	TPH-DRO C10-C28	SW-846 8015B	1	190210031A	01/23/2019 16:40	Heather E Williams	1
12917	DRO 250mL w/ 10g SiGel	SW-846 8015B	1	190210032A	01/25/2019 20:44	Thomas C Wildermuth	1
12923	Mini-Ext. DRO, Column SiGel	SW-846 3510C	1	190210032A	01/22/2019 09:00	Logan M Brosemer	1
12906	Mini-extraction DRO (waters)	SW-846 3510C	1	190210031A	01/22/2019 09:00	Logan M Brosemer	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-5-W-190115 Grab Groundwater**
Facility# 206308 Job# 17155201 GRD
258 Roseland-Santa Rosa T0609793561

Chevron
ELLE Sample #: WW 9968571
ELLE Group #: 2025479
Matrix: Groundwater

Project Name: **206308**

Submittal Date/Time: 01/16/2019 09:40
Collection Date/Time: 01/15/2019 13:10
SDG#: CVU63-05

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10945	Benzene	71-43-2	2	0.2	1	1
10945	t-Butyl alcohol	75-65-0	N.D.	10	25	1
10945	C6-C12-TPH-GRO	n.a.	490	25	50	1
10945	Ethylbenzene	100-41-4	0.3 J	0.2	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	0.3 J	0.2	1	1
10945	Toluene	108-88-3	0.5 J	0.2	1	1
10945	Xylene (Total)	1330-20-7	0.7 J	0.5	5	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
12899	DRO C10-C28	n.a.	3,700	46	100	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
12917	DRO C10-C28 w/ SiGel	n.a.	290	46	100	1

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE/TBA + GRO - Water	SW-846 8260B	1	F190232AA	01/23/2019 09:43	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F190232AA	01/23/2019 09:42	Anita M Dale	1
12899	TPH-DRO C10-C28	SW-846 8015B	1	190210031A	01/23/2019 17:04	Thomas C Wildermuth	1
12917	DRO 250mL w/ 10g SiGel	SW-846 8015B	1	190210032A	01/25/2019 21:07	Thomas C Wildermuth	1
12923	Mini-Ext. DRO, Column SiGel	SW-846 3510C	1	190210032A	01/22/2019 09:00	Logan M Brosemer	1
12906	Mini-extraction DRO (waters)	SW-846 3510C	1	190210031A	01/22/2019 09:00	Logan M Brosemer	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-6-W-190115 Grab Groundwater**
Facility# 206308 Job# 17155201 GRD
258 Roseland-Santa Rosa T0609793561

Chevron
ELLE Sample #: WW 9968572
ELLE Group #: 2025479
Matrix: Groundwater

Project Name: **206308**

Submittal Date/Time: 01/16/2019 09:40
Collection Date/Time: 01/15/2019 11:10
SDG#: CVU63-06

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	12		0.2	1	1
10945	t-Butyl alcohol	75-65-0	N.D.		10	25	1
10945	C6-C12-TPH-GRO	n.a.	48	J	25	50	1
10945	Ethylbenzene	100-41-4	N.D.		0.2	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	1	J	0.2	1	1
10945	Toluene	108-88-3	N.D.		0.2	1	1
10945	Xylene (Total)	1330-20-7	N.D.		0.5	5	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
12899	DRO C10-C28	n.a.	510		46	100	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
12917	DRO C10-C28 w/ SiGel	n.a.	N.D.		46	100	1

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE/TBA + GRO - Water	SW-846 8260B	1	F190232AA	01/23/2019 10:05	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F190232AA	01/23/2019 10:04	Anita M Dale	1
12899	TPH-DRO C10-C28	SW-846 8015B	1	190210031A	01/23/2019 17:27	Thomas C Wildermuth	1
12917	DRO 250mL w/ 10g SiGel	SW-846 8015B	1	190210032A	01/25/2019 21:30	Thomas C Wildermuth	1
12923	Mini-Ext. DRO, Column SiGel	SW-846 3510C	1	190210032A	01/22/2019 09:00	Logan M Brosemer	1
12906	Mini-extraction DRO (waters)	SW-846 3510C	1	190210031A	01/22/2019 09:00	Logan M Brosemer	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-7-W-190115 Grab Groundwater**
Facility# 206308 Job# 17155201 GRD
258 Roseland-Santa Rosa T0609793561

Chevron
ELLE Sample #: WW 9968573
ELLE Group #: 2025479
Matrix: Groundwater

Project Name: **206308**

Submittal Date/Time: 01/16/2019 09:40
Collection Date/Time: 01/15/2019 10:25
SDG#: CVU63-07

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10945	Benzene	71-43-2	N.D.	0.2	1	1
10945	t-Butyl alcohol	75-65-0	N.D.	10	25	1
10945	C6-C12-TPH-GRO	n.a.	N.D.	25	50	1
10945	Ethylbenzene	100-41-4	N.D.	0.2	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.2	1	1
10945	Toluene	108-88-3	N.D.	0.2	1	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	5	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
12899	DRO C10-C28	n.a.	N.D.	46	100	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
12917	DRO C10-C28 w/ SiGel	n.a.	N.D.	46	100	1

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE/TBA + GRO - Water	SW-846 8260B	1	F190232AA	01/23/2019 10:28	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F190232AA	01/23/2019 10:27	Anita M Dale	1
12899	TPH-DRO C10-C28	SW-846 8015B	1	190210031A	01/23/2019 17:51	Thomas C Wildermuth	1
12917	DRO 250mL w/ 10g SiGel	SW-846 8015B	1	190210032A	01/25/2019 21:53	Thomas C Wildermuth	1
12923	Mini-Ext. DRO, Column SiGel	SW-846 3510C	1	190210032A	01/22/2019 09:00	Logan M Brosemer	1
12906	Mini-extraction DRO (waters)	SW-846 3510C	1	190210031A	01/22/2019 09:00	Logan M Brosemer	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-9-W-190115 Grab Groundwater**
Facility# 206308 Job# 17155201 GRD
258 Roseland-Santa Rosa T0609793561

Chevron
ELLE Sample #: WW 9968574
ELLE Group #: 2025479
Matrix: Groundwater

Project Name: **206308**

Submittal Date/Time: 01/16/2019 09:40
Collection Date/Time: 01/15/2019 10:35
SDG#: CVU63-08

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10945	Benzene	71-43-2	N.D.	0.2	1	1
10945	t-Butyl alcohol	75-65-0	N.D.	10	25	1
10945	C6-C12-TPH-GRO	n.a.	N.D.	25	50	1
10945	Ethylbenzene	100-41-4	N.D.	0.2	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.2	1	1
10945	Toluene	108-88-3	N.D.	0.2	1	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	5	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
12899	DRO C10-C28	n.a.	79 J	46	100	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
12917	DRO C10-C28 w/ SiGel	n.a.	N.D.	46	100	1

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE/TBA + GRO - Water	SW-846 8260B	1	F190232AA	01/23/2019 10:50	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F190232AA	01/23/2019 10:49	Anita M Dale	1
12899	TPH-DRO C10-C28	SW-846 8015B	1	190210031A	01/23/2019 18:14	Thomas C Wildermuth	1
12917	DRO 250mL w/ 10g SiGel	SW-846 8015B	1	190210032A	01/25/2019 22:16	Thomas C Wildermuth	1
12923	Mini-Ext. DRO, Column SiGel	SW-846 3510C	1	190210032A	01/22/2019 09:00	Logan M Brosemer	1
12906	Mini-extraction DRO (waters)	SW-846 3510C	1	190210031A	01/22/2019 09:00	Logan M Brosemer	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-10-W-190115 Grab Groundwater**
Facility# 206308 Job# 17155201 GRD
258 Roseland-Santa Rosa T0609793561

Chevron
ELLE Sample #: WW 9968575
ELLE Group #: 2025479
Matrix: Groundwater

Project Name: **206308**

Submittal Date/Time: 01/16/2019 09:40
Collection Date/Time: 01/15/2019 09:45
SDG#: CVU63-09

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	160		1	5	5
10945	t-Butyl alcohol	75-65-0	N.D.		50	130	5
10945	C6-C12-TPH-GRO	n.a.	6,100		130	250	5
10945	Ethylbenzene	100-41-4	31		1	5	5
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		1	5	5
10945	Toluene	108-88-3	6		1	5	5
10945	Xylene (Total)	1330-20-7	12	J	3	25	5
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
12899	DRO C10-C28	n.a.	1,900		47	100	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
12917	DRO C10-C28 w/ SiGel	n.a.	640		47	100	1

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE/TBA + GRO - Water	SW-846 8260B	1	F190232AA	01/23/2019 14:08	Anita M Dale	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F190232AA	01/23/2019 14:07	Anita M Dale	5
12899	TPH-DRO C10-C28	SW-846 8015B	1	190210031A	01/23/2019 18:38	Thomas C Wildermuth	1
12917	DRO 250mL w/ 10g SiGel	SW-846 8015B	1	190210032A	01/25/2019 22:39	Thomas C Wildermuth	1
12923	Mini-Ext. DRO, Column SiGel	SW-846 3510C	1	190210032A	01/22/2019 09:00	Logan M Brosemer	1
12906	Mini-extraction DRO (waters)	SW-846 3510C	1	190210031A	01/22/2019 09:00	Logan M Brosemer	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-12-W-190115 Grab Groundwater**
Facility# 206308 Job# 17155201 GRD
258 Roseland-Santa Rosa T0609793561

Chevron
ELLE Sample #: WW 9968576
ELLE Group #: 2025479
Matrix: Groundwater

Project Name: **206308**

Submittal Date/Time: 01/16/2019 09:40
Collection Date/Time: 01/15/2019 12:20
SDG#: CVU63-10

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	**ug/l**	
10945	Benzene	71-43-2	N.D.	0.2	1	1
10945	t-Butyl alcohol	75-65-0	N.D.	10	25	1
10945	C6-C12-TPH-GRO	n.a.	N.D.	25	50	1
10945	Ethylbenzene	100-41-4	N.D.	0.2	1	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.2	1	1
10945	Toluene	108-88-3	N.D.	0.2	1	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	5	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
12899	DRO C10-C28	n.a.	N.D.	46	100	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
12917	DRO C10-C28 w/ SiGel	n.a.	N.D.	46	100	1

Sample Comments

CA ELAP Lab Certification No. 2792

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE/TBA + GRO - Water	SW-846 8260B	1	F190232AA	01/23/2019 11:12	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F190232AA	01/23/2019 11:11	Anita M Dale	1
12899	TPH-DRO C10-C28	SW-846 8015B	1	190210031A	01/23/2019 19:01	Thomas C Wildermuth	1
12917	DRO 250mL w/ 10g SiGel	SW-846 8015B	1	190210032A	01/25/2019 23:03	Thomas C Wildermuth	1
12923	Mini-Ext. DRO, Column SiGel	SW-846 3510C	1	190210032A	01/22/2019 09:00	Logan M Brosemer	1
12906	Mini-extraction DRO (waters)	SW-846 3510C	1	190210031A	01/22/2019 09:00	Logan M Brosemer	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Chevron
Reported: 02/07/2019 15:50

Group Number: 2025479

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL**	LOQ
	ug/l	ug/l	ug/l
Batch number: F190231AA	Sample number(s): 9968567		
Benzene	N.D.	0.2	1
C6-C12-TPH-GRO	N.D.	25	50
Ethylbenzene	N.D.	0.2	1
Methyl Tertiary Butyl Ether	N.D.	0.2	1
Toluene	N.D.	0.2	1
Xylene (Total)	N.D.	0.5	5
Batch number: F190232AA	Sample number(s): 9968568-9968576		
Benzene	N.D.	0.2	1
t-Butyl alcohol	N.D.	10	25
C6-C12-TPH-GRO	N.D.	25	50
Ethylbenzene	N.D.	0.2	1
Methyl Tertiary Butyl Ether	N.D.	0.2	1
Toluene	N.D.	0.2	1
Xylene (Total)	N.D.	0.5	5
Batch number: 190210031A	Sample number(s): 9968568-9968576		
DRO C10-C28	N.D.	45	100
Batch number: 190210032A	Sample number(s): 9968568-9968576		
DRO C10-C28 w/ SiGel	N.D.	45	100

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: F190231AA	Sample number(s): 9968567								
Benzene	20	23.89	20	24.54	119	123*	80-120	3	30
C6-C12-TPH-GRO	1000	1125.5	1000	1106.3	113	111	70-120	2	30
Ethylbenzene	20	21.47	20	22.15	107	111	80-120	3	30
Methyl Tertiary Butyl Ether	20	22.65	20	23	113	115	69-122	2	30
Toluene	20	22.71	20	23.19	114	116	80-120	2	30
Xylene (Total)	60	64.77	60	67.01	108	112	80-120	3	30
Batch number: F190232AA	Sample number(s): 9968568-9968576								
Benzene	20	21.97	20	22.56	110	113	80-120	3	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 02/07/2019 15:50

Group Number: 2025479

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
t-Butyl alcohol	200	212.71	200	212.76	106	106	60-130	0	30
C6-C12-TPH-GRO	1000	986.19	1000	1089.47	99	109	70-120	10	30
Ethylbenzene	20	19.7	20	20.32	99	102	80-120	3	30
Methyl Tertiary Butyl Ether	20	22.38	20	22.28	112	111	69-122	0	30
Toluene	20	20.95	20	22.19	105	111	80-120	6	30
Xylene (Total)	60	60.5	60	60.35	101	101	80-120	0	30
	ug/l	**ug/l**	**ug/l**	**ug/l**					
Batch number: 190210031A	Sample number(s): 9968568-9968576								
DRO C10-C28	600.14	419.28	600.14	454.53	70	76	13-115	8	20
	ug/l	**ug/l**	**ug/l**	**ug/l**					
Batch number: 190210032A	Sample number(s): 9968568-9968576								
DRO C10-C28 w/ SiGel	600.14	251.48	600.14	289.97	42	48	12-115	14	20

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: GRO/BTEX/MTBE 8260 Water
Batch number: F190231AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
9968567	98	98	98	95
Blank	99	97	97	93
LCS	97	101	97	95
LCSD	97	101	97	96
Limits:	80-120	80-120	80-120	80-120

Analysis Name: BTEX/MTBE/TBA + GRO - Water
Batch number: F190232AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
9968568	96	94	95	94
9968569	98	97	99	94
9968570	92	91	98	97
9968571	98	90	99	96
9968572	97	98	95	95
9968573	101	97	96	98
9968574	97	92	100	93
9968575	99	96	98	98

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 02/07/2019 15:50

Group Number: 2025479

Surrogate Quality Control (continued)

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: BTEX/MTBE/TBA + GRO - Water
Batch number: F190232AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
9968576	100	98	99	95
Blank	95	93	97	99
LCS	98	97	97	98
LCSD	100	99	103	97
Limits:	80-120	80-120	80-120	80-120

Analysis Name: TPH-DRO C10-C28
Batch number: 190210031A

	Orthoterphenyl
9968568	80
9968569	87
9968570	46*
9968571	58
9968572	90
9968573	84
9968574	80
9968575	81
9968576	74
Blank	78
LCS	80
LCSD	77
Limits:	50-150

Analysis Name: DRO 250mL w/ 10g SiGel
Batch number: 190210032A

	Orthoterphenyl	Capric Acid
9968568	107	0
9968569	55	0
9968570	51	0
9968571	60	0
9968572	59	0
9968573	60	0
9968574	61	0
9968575	50	0
9968576	52	0
Blank	64	0
LCS	56	0
LCSD	58	0

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 02/07/2019 15:50

Group Number: 2025479

Surrogate Quality Control (continued)

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: DRO 250mL w/ 10g SiGel
Batch number: 190210032A

Limits:	50-150	0-1

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Chevron California Region Analysis Request/Chain of Custody

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Acct. # 11928 — For Eurofins Lancaster Laboratories use only — Group # 2025979 Sample # 996857-76

Instructions on reverse side correspond with circled numbers.

SCR #: _____

(1) Client Information

Facility #: SS#206308-OML G-R#17155201 Global ID#T0609793561

Site Address: 250 ROSELAND AVENUE, SANTA ROSA, CA

Chevron PM: SL — Lead Consultant: Szymanowski

Consultant/Office: Getter-Ryan Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568

Consultant Project Mgr: Deanna L. Harding, deanna@grinc.com

Consultant Phone #: (925) 551-7444 x180

Sampler: GM/ML

(4) Matrix

Soil ☐ | Sediment ☐ | Water ☒ Ground ☐ Potable ☐ NPDES ☐ Surface ☐ | Oil ☐ | Air ☐

(3) Grab / Composite

(5) Analyses Requested

(2) Sample Identification	Soil Depth	Collected Date	Collected Time	Grab	Composite	Total Number of Containers	BTEX – MTBE 8021 ☐ 8260 ☒	TPH-GRO 8015 ☐ 8260 ☒	TPH-DRO 3510 MICROEXTRACTION without Silica Gel Cleanup ☒	TPH-DRO 3510 MICROEXTRACTION with Silica Gel Cleanup ☒	8260 Full Scan	Oxygenates	Total Lead Method	Dissolved Lead Method	TBA 8260
QA		190115	—	X		2	X	X							
MW-2		190115	1125	X		5	X	X	X	X					X
MW-3		190115	0935	X		5	X	X	X	X					X
MW-4		190115	1155	X		5	X	X	X	X					X
MW-5		190115	1310	X		5	X	X	X	X					X
MW-10		190115	1110	X		5	X	X	X	X					X
MW-7		190115	1025	X		5	X	X	X	X					X
MW-9		190115	1035	X		5	X	X	X	X					X
MW-10		190115	0945	X		5	X	X	X	X					X
MW-12		190115	1220	X		5	X	X	X	X					X

- ☐ Results in Dry Weight
- ☐ J value reporting needed
- ☒ Must meet lowest detection limits possible for 8260 compounds
- ☐ 8021 MTBE Confirmation
- ☐ Confirm highest hit by 8260
- ☐ Confirm all hits by 8260
- ☐ Run _____ oxy's on highest hit
- ☐ Run _____ oxy's on all hits

(6) Remarks

ALL GRO SAMPLES FOR THIS SITE NEED TO BE RUN BY 8260. REQUESTING CHROMATOGRAMS FOR ALL TPH-DRO ANALYSES.

(7) Turnaround Time Requested (TAT) (please circle)

Standard | 5 day | 4 day | 72 hour | 48 hour | 24 hour | EDF/EDD

Relinquished by	Date	Time	Received by	Date	Time
[signature]	190115	1500			
Relinquished by	Date	Time	Received by	Date	Time

(8) Data Package (circle if required)

Type I - Full

Type VI (Raw Data)

EDD (circle if required)

EDFFLAT (default)

Other: _____

Relinquished by Commercial Carrier: UPS _____ FedEx X Other _____

Received by: [signature] — Date: 1/16/19 — Time: 9:40

Temperature Upon Receipt _____ °C

Custody Seals Intact? Yes No

(9)

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Sample Administration Receipt Documentation Log

Doc Log ID: 238726

Group Number(s): ~~2025499~~ 2025479

Client: Arcadis

Delivery and Receipt Information

Delivery Method:	Fed Ex	Arrival Timestamp:	01/16/2019 9:40
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	CA		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	HCl
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Melvin Sanchez (8943) at 16:21 on 01/16/2019

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT42-03	0.8	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425
T 717-656-2300
F 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

BMQL	Below Minimum Quantitation Level	**mL**	milliliter(s)
C	degrees Celsius	**MPN**	Most Probable Number
cfu	colony forming units	**N.D.**	non-detect
CP Units	cobalt-chloroplatinate units	**ng**	nanogram(s)
F	degrees Fahrenheit	**NTU**	nephelometric turbidity units
g	gram(s)	**pg/L**	picogram/liter
IU	International Units	**RL**	Reporting Limit
kg	kilogram(s)	**TNTC**	Too Numerous To Count
L	liter(s)	**µg**	microgram(s)
lb.	pound(s)	**µL**	microliter(s)
m3	cubic meter(s)	**umhos/cm**	micromhos/cm
meq	milliequivalents	**MCL**	Maximum Contamination Limit
mg	milligram(s)		

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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Data Qualifiers

Qualifier	Definition
C	Result confirmed by reanalysis
D1	Indicates for dual column analyses that the result is reported from column 1
D2	Indicates for dual column analyses that the result is reported from column 2
E	Concentration exceeds the calibration range
K1	Initial Calibration Blank is above the QC limit and the sample result is ND
K2	Continuing Calibration Blank is above the QC limit and the sample result is ND
K3	Initial Calibration Verification is above the QC limit and the sample result is ND
K4	Continuing Calibration Verification is above the QC limit and the sample result is ND
J (or G, I, X)	Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P	Concentration difference between the primary and confirmation column >40%. The lower result is reported.
P^	Concentration difference between the primary and confirmation column > 40%. The higher result is reported.
U	Analyte was not detected at the value indicated
V	Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference.
W	The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.
Z	Laboratory Defined - see analysis report

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Arcadis U.S., Inc.
320 Commerce
Suite 200
Irvine
California 92602
Tel 714.730.9052
Fax 714.730.9345
www.arcadis-us.com

ENVIRONMENT

Mr. Thomas Magney
Regional Water Quality Control Board (RWQCB)
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Subject:
Semi-Annual Groundwater Monitoring and Sampling Report, First Half 2019

Date:
March 12, 2019

Contact:
Katherine Szymanowski

Phone:
510.596.9675

Email:
Katherine.Szymanowski@arcadis.com

Our ref:
ASRTM0SL.6308

Dear Mr. Mangey,

On behalf of Chevron Environmental Management Company (CEMC), Arcadis has prepared the attached *Semi-Annual Groundwater Monitoring and Sampling Report, First Half 2019* for the following facility:

Facility No.	**Case No.**	**Location**
Former Standard Oil/ Redwood Oil Bulk Terminal (Chevron site No. 206308)	1NS0252	258 Roseland Avenue, Santa Rosa, CA

If you have any questions, please do not hesitate to contact me.

Sincerely,
Arcadis U.S., Inc.

Katherine Szymanowski
Project Manager

Copies:
Ms. Shelby Lathrop, Chevron *(electronic copy)*
Geotracker database

SEMI-ANNUAL STATUS REPORT
First Half 2019
March 28, 2019

Facility No: Former Standard Oil/ Redwood Oil Bulk Terminal (Chevron site No.206308)	Address: 258 Roseland Avenue, Santa Rosa, CA
Arcadis Contact Person / Phone No.:	Katherine Szymanowski / 510-596-9675
Arcadis Project No.:	ASRTM0SL.6308
Primary Agency/Regulatory ID No.:	California Regional Water Quality Control Board (RWQCB)/ Thomas Magney/ 1NSO252

WORK CONDUCTED THIS PERIOD [First Half 2019]:

1. Conducted groundwater monitoring and sampling activities on January 15, 2019.
2. Prepared the *Semi-Annual Status Report, First Half 2019*.

WORK PROPOSED NEXT PERIOD [Second Half 2019]:

1. Conduct groundwater monitoring and sampling activities during the Second half 2019.
2. Prepare the *Semi-Annual Status Report, Second Half 2019*.

Current Phase of Project:	Monitoring	
Frequency of Monitoring / Sampling:	Semi-Annual (1Q/3Q)	
Are Phase Separate Hydrocarbons (PSH) Present On-site:	Yes (DSH-8)	
Cumulative PSH Recovered to Date:	74.73	(gallons)
Approximate Depth to Groundwater:	2.58 to 6.88	(feet below top of casing)
Approximate Groundwater Elevation:	129.68 to 134.86	(feet relative to corresponding datum)
Groundwater Flow Direction	Southwest	
Groundwater Gradient	0.002	(feet per foot)

Current Remediation Techniques:	Bioelectrical Chemical System (BECS) Pilot Test completed
Permits for Discharge:	None
Summary of Unusual Activity:	MW-13A, MW-14, MW-15 and MW-16A were unable to access due to unsafe muddy conditions.
Agency Directive Requirements:	None

DISCUSSION

Gettler-Ryan Inc. (G-R) conducted semi-annual groundwater monitoring and sampling activities on January 15, 2019. The groundwater monitoring field data sheets and general procedures are included as Attachment A. Fourteen (14) monitoring wells were gauged and nine (9) monitoring wells were sampled by G-R representatives.

Groundwater samples were submitted Eurofins Lancaster Laboratories, Inc., a California-certified laboratory, under standard chain-of-custody protocols. Gauging and analytical data obtained by G-R for this event are summarized in Table 1. Historical gauging and analytical data for the site are summarized in Table 2. The site location and layout are presented on Figures 1 and 2, respectively; the groundwater elevation contours for the site on January 15, 2019 are presented on Figure 3. Isoconcentration contours for total petroleum hydrocarbons as diesel (TPH-d), total petroleum hydrocarbons as diesel with silica gel (TPH-d w/ Si Gel), total petroleum hydrocarbons as gasoline (TPH-g), benzene are presented on Figures 4 through 9. Methyl tert-butyl ether (MTBE) concentrations are presented on Figures 8. A copy of the laboratory analytical report and chain-of-custody documentation are included as Attachment B

The calculated groundwater flow is to southwest, and hydraulic gradient is 0.02 ft./ft. at the site. SPH was observed in well DHS-8 at 0.02 feet. Elevated concentration of TPH-d were found in MW-2 (21,000 µg/L), MW-4 (4,400 µg/L), and MW-6 (510 µg/L). Elevated concentrations of TPH-d with silica gel was detected in MW-2 (27,000 µg/L). This elevated concentration of TPH-d and TPH-d with silica gel remains consistent with the historic data. THP-g concentration has decreased in all monitoring wells except MW-2 (4,100 µg/L). Benzene was detected at highest concentration in MW-2 (520 µg/L) with lowest concentration in MW-6 (12 µg/L). Elevated concentration of toluene were detected in MW-2 (5 J µg/L), and MW-10 (6 µg/L). Ethylbenzene and total xylene concentration are lowered to the previous data with an exception of MW-2. Low concentration of MTBE and TBA concentrations remains on the site. Based on current and historical data, the extent of impacted groundwater appears adequately defined. BECS pilot study was completed and the finding indicated minimal change to the surround areas to continue operating. The results were not statistically enough to reduce risk or regulatory objectives as reported in the BECS Pilot Study/Treatability Report (GHD, 2018). The findings recommend discontinuing the BECS

pilot study, remove the soil BECS and groundwater BECS units, and destroy the associated wells and vapor probes except for MW2 and SVP-6. The report also recommended preparation of a feasibility study to evaluate options for site cleanup.

LIMITATIONS

This report was prepared in accordance with the scope of work outlined in Arcadis contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of Chevron Environmental Management Company, for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Arcadis. To the extent that this report is based on information provided to Arcadis by third parties, Arcadis may have made efforts to verify this third party information, but Arcadis cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties expressed or implied are made by Arcadis.

Date: March 28, 2019

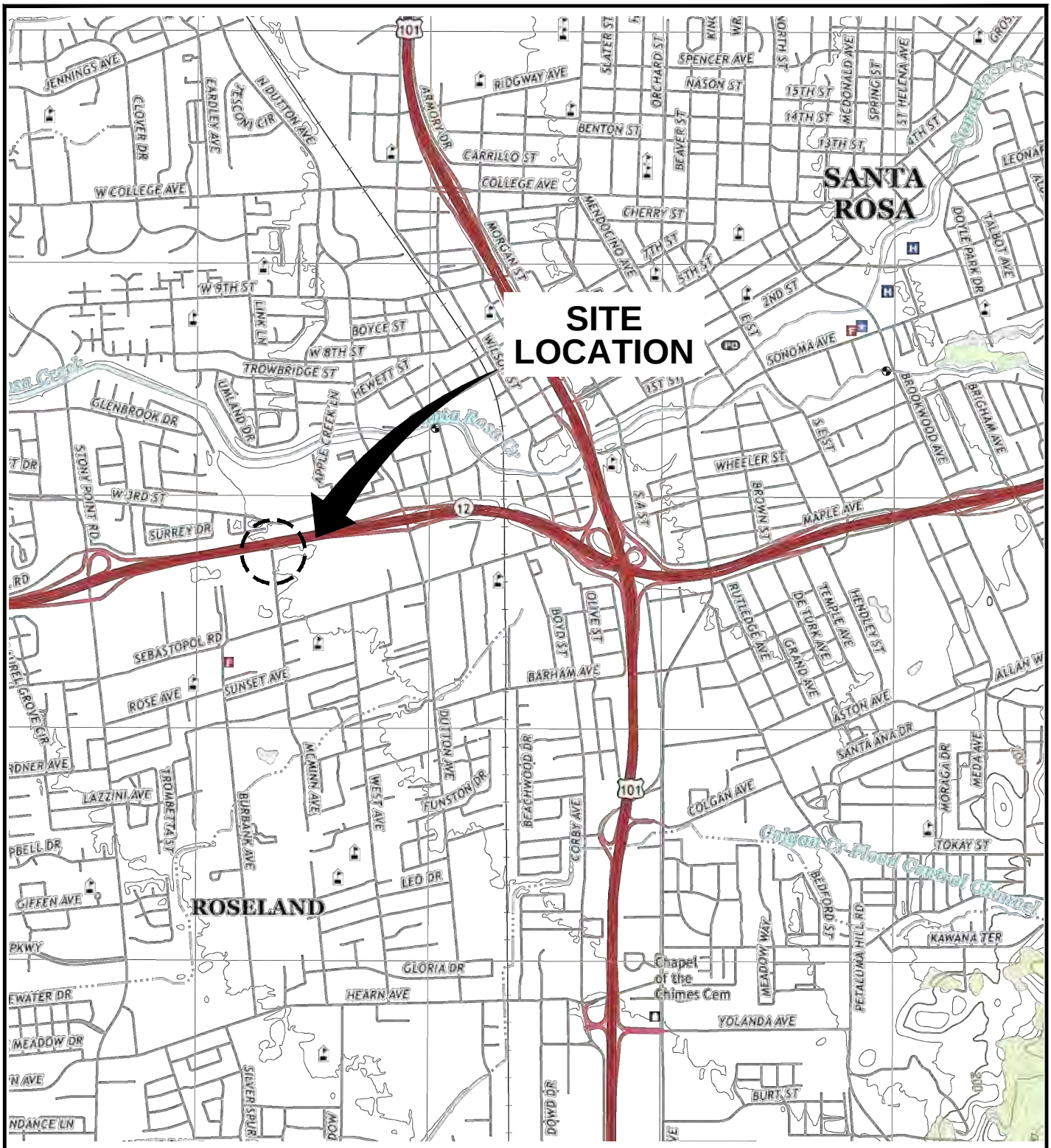
Kleimin Pena
Project Task Manager

Date: March 28, 2019

Katherine Szymanowski P.G
Project Manager

ATTACHMENTS:

Table 1	Current Groundwater Gauging and Analytical Results
Table 2	Historical Groundwater Gauging and Analytical Results, Fourth Quarter 1988 to Current
Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Groundwater Elevation Contour Map, January 15, 2019
Figure 4	TPH-d Isoconcentration Map, January 15, 2019
Figure 5	TPH-d w/Si gel Isoconcentration Map, January 15, 2019
Figure 6	TPH-g Isoconcentration Map, January 15, 2019
Figure 7	Benzene Isoconcentration Map, January 15, 2019
Figure 8	MTBE concentration Map, January 15, 2019
Attachment A	Field Data Sheets and General Procedures
Attachment B	Laboratory Report and Chain Custody Documentation



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., SANTA ROSA, CALIFORNIA, 2018

N

0 2,000' 4,000'

Approximate Scale: 1 in. = 2,000 ft.

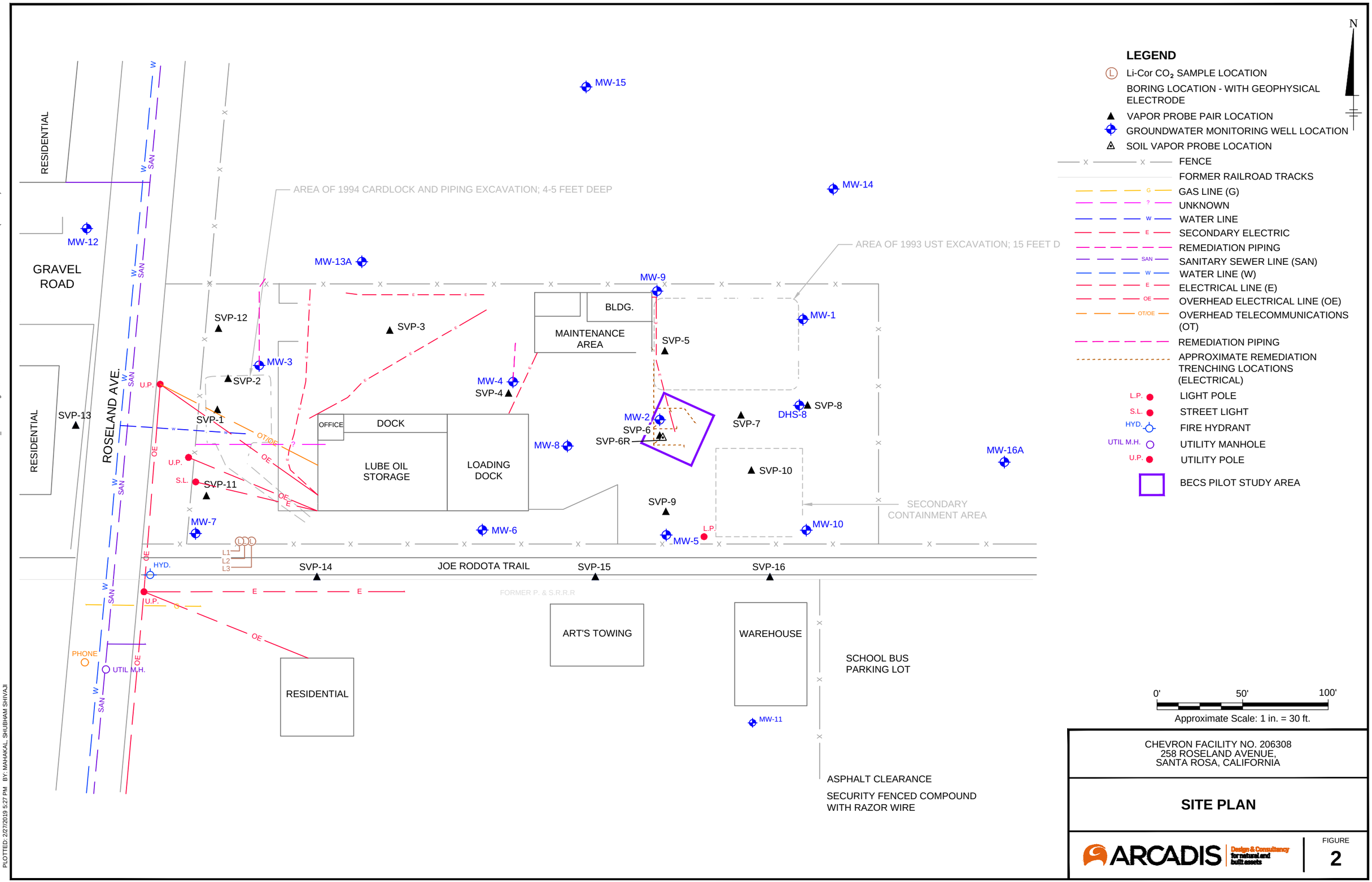
CHEVRONFACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

SITE LOCATION MAP

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1

CITY: SAN RAFAEL, CA DIV/GROUP: ENVCAD DB: J. HARRIS
C:\Users\mahakals3526\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATIONASR 206308 SANTA ROSA\2019\ASRTMDSL.6308\01-DWG\FIGURE 1_Site Location Map.dwg LAYOUT: 1 SAVED: 2/26/2019 6:37 PM ACADVER: 21.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 2/27/2019 5:28 PM BY: MAHAKAL, SHUBHAM SHIVAJI



CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(OptOn=*;OFF=*REF*
C:\Users\mahakal3526\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATION\ASR 206308 SANTA ROSA\2019\ASRTM05L.630801.DWG\FIGURE 2_Site Plan.dwg LAYOUT: 2 SAVED: 2/27/2019 4:56 PM ACADVER: 21.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB
PLOTTED: 2/27/2019 5:27 PM BY: MAHAKAL, SHUBHAM SHIVAJI

HIGHWAY 12

RESIDENTIAL

GRAVEL ROAD

ROSELAND AVE.

RESIDENTIAL

RESIDENTIAL

AREA OF 1994 CARDLOCK AND PIPING EXCAVATION; 4-5 FEET DEEP

FORMER CARDLOCK ISLAND AND FORMER TTLR #1

FORMER VAPOR POT

FORMER BUILDING

BLDG.

MAINTENANCE AREA

OFFICE

DOCK

LUBE OIL STORAGE

LOADING DOCK

FORMER SETTLING TANK

FORMER CONCRETE VAULT/SUMP

FORMER VAPOR POT

FORMER USTS

AREA OF 1993 UST EXCAVATION; 15 FEET DEEP

FORMER CATCH BASIN

FORMER PUMP ISLAND

FORMER TTLR #2

SECONDARY CONTAINMENT AREA

FORMER P. & S.R.R.R.

JOE RODOTA TRAIL

ART'S TOWING

WAREHOUSE

SCHOOL BUS PARKING LOT

ASPHALT CLEARANCE

SECURITY FENCED COMPOUND WITH RAZOR WIRE

MW-12 (129.68)

MW-13

MW-13A (NG)

MW-15 (NG)

MW-14 (NG)

MW-3 (130.07)

MW-4 (131.37)

MW-6 (131.00)

MW-7 (130.04)

MW-8

MW-2 (133.11)

MW-9 (134.86)

MW-1

MW-5 (132.40)

MW-10 (133.80)

MW-11

MW-16

MW-16A (NG)

DHS-8 (132.17)*

SVP-1

SVP-2

SVP-3

SVP-4

SVP-5

SVP-6

SVP-6R

SVP-7

SVP-8

SVP-9

SVP-10

SVP-11

SVP-12

SVP-13

SVP-14

SVP-15

SVP-16

130

131

132

133

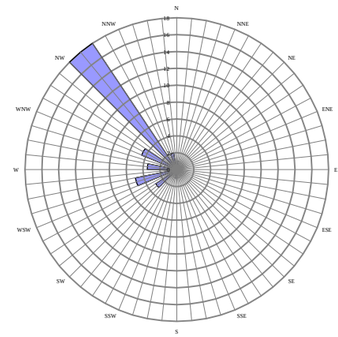
134

0.02 FT/FT

LEGEND

- GROUNDWATER MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (134.86) GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- 134 GROUNDWATER ELEVATION CONTOUR; (DASHED WHERE INFERRED)
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- 0.02 FT/FT APPROXIMATE HYDRAULIC GRADIENT (FEET/FOOT)
- (NG) NOT GAUGED
- * GROUNDWATER ELEVATION NOT USED FOR CONTOURING

N



0' 50' 100'

Approximate Scale: 1 in. = 30 ft.

CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 3

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\chulia847\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATION\ASR 206308 SANTA ROSA\ASR 206308 SANTA ROSA\2019\ASRTM05L 6308\01-DWG\FIGURE 3_GWE Contour Map.dwg LAYOUT: 3 SAVED: 3/18/2019 11:32 AM ACADVER: 21.0S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/18/2019 5:37 PM BY: CHUTIA, BARAKHA
XREFS: IMAGES: PROJECTNAME: ----

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\chulab4677\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATION\ASR 206308 SANTA ROSA\ASR 206308 SANTA ROSA\2019\ASRTM05L 6308\01-DWG\FIGURE 4_TPH-d Isoconcentration Map.dwg LAYOUT: 4 SAVED: 3/6/2019 12:45 PM ACADVER: 21.0S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/6/2019 1:19 PM BY: CHUTIA, BARAKHA
XREFS: IMAGES: PROJECTNAME: ----

HIGHWAY 12

RESIDENTIAL

GRAVEL ROAD

ROSELAND AVE.

RESIDENTIAL

RESIDENTIAL

MW-12 (<46)

SVP-13

SVP-1

SVP-11

MW-7 (<46)

MW-3 (540)

SVP-2

SVP-12

FORMER CARDLOCK ISLAND AND FORMER TTLR #1

FORMER VAPOR POT

AREA OF 1994 CARDLOCK AND PIPING EXCAVATION; 4-5 FEET DEEP

MW-13A (NS)

MW-13

SVP-3

MW-15 (NS)

MW-14 (NS)

AREA OF 1993 UST EXCAVATION; 15 FEET DEEP

FORMER BUILDING

FORMER USTS

MW-9 (79 J)

BLDG.

MAINTENANCE AREA

SVP-5

MW-1

FORMER CATCH BASIN

FORMER PUMP ISLAND

FORMER SETTLING TANK

MW-4 (4,400)

SVP-4

1,000

10,000

100

OFFICE

DOCK

LUBE OIL STORAGE

LOADING DOCK

SVP-6

SVP-6R

MW-2 (21,000)

DHS-8 (NS) [0.02]

SVP-7

SVP-8

MW-8

FORMER CONCRETE VAULT/SUMP

FORMER ARTS

SVP-10

FORMER TTLR #2

SECONDARY CONTAINMENT AREA

MW-16A (NS)

MW-16

FORMER VAPOR POT

SVP-9

MW-6 (510)

MW-5 (3,700)

MW-10 (1,900)

FORMER TRANSFER BLOCK

SVP-14

JOE RODOTA TRAIL

SVP-15

SVP-16

FORMER P. & S.R.R.R

ART'S TOWING

WAREHOUSE

SCHOOL BUS PARKING LOT

MW-11

ASPHALT CLEARANCE

SECURITY FENCED COMPOUND WITH RAZOR WIRE

N

LEGEND

- MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (21,000) TPH-d CONCENTRATION IN MICROGRAM PER LITER (µg/L)
- 10,000 TPH-d ISOCONCENTRATION CONTOUR (µg/L; DASHED WHERE INFERRED)
- J ESTIMATED VALUE BETWEEN PRACTICAL QUANTITATION LIMIT AND METHOD DETECTION LIMIT
- [0.02] PHASE SEPARATED HYDROCARBON THICKNESS IN FT.
- (<46) NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT (MDL)
- (NS) NOT SAMPLED

0' 50' 100'

Approximate Scale: 1 in. = 30 ft.

CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

TPH-d IN GROUNDWATER ISOCONCENTRATION CONTOUR MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 4

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\chulla\b4677\OneDrive - ARCADIS\IBIM 360 Docs\CHEVRON CORPORATION\ASR 206308 SANTA ROSA\ASR 206308 SANTA ROSA\2019\ASRTM05L 630801-DWG\FIGURE 5_TPH -d with silica gel in GW isoconcentration Map.dwg LAYOUT: 5 SAVED: 2/27/2019 5:35 PM ACADVER: 21.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/4/2019 11:29 AM BY: CHUTIA, BARAKHA

HIGHWAY 12

RESIDENTIAL

GRAVEL ROAD

ROSELAND AVE.

RESIDENTIAL

SVP-13

MW-12 (<46)

SVP-12

SVP-2

MW-3 (<46)

SVP-1

FORMER CARDLOCK ISLAND AND FORMER TTLR #1

FORMER VAPOR POT

SVP-11

MW-7 (<46)

MW-15 (NS)

AREA OF 1994 CARDLOCK AND PIPING EXCAVATION; 4-5 FEET DEEP

MW-13A (NS)

MW-13

SVP-3

OFFICE

DOCK

LUBE OIL STORAGE

LOADING DOCK

MW-8

FORMER CONCRETE VAULT/SUMP

MW-6 (<46)

SVP-14

JOE RODOTA TRAIL

SVP-15

FORMER P. & S.R.R.R

RESIDENTIAL

FORMER BUILDING

BLDG.

MAINTENANCE AREA

MW-9 (<46)

SVP-5

MW-4 (410)

SVP-4

FORMER SETTLING TANK

100

10,000

1,000

SVP-6

SVP-6R

MW-2 (27,000)

SVP-7

DHS-8 (NS) [0.02]

SVP-8

FORMER VAPOR POT

FORMER USTS

AREA OF 1993 UST EXCAVATION; 15 FEET DEEP

MW-14 (NS)

MW-1

FORMER CATCH BASIN

FORMER PUMP ISLAND

FORMER ASTS

SVP-10

FORMER TTLR #2

SECONDARY CONTAINMENT AREA

MW-16A (NS)

MW-16

SVP-9

MW-5 (290)

FORMER TRANSFER BLOCK

MW-10 (640)

SVP-16

ART'S TOWING

WAREHOUSE

MW-11

SCHOOL BUS PARKING LOT

ASPHALT CLEARANCE

SECURITY FENCED COMPOUND WITH RAZOR WIRE

N

LEGEND

- MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (27,000) (TPHd) CONCENTRATION IN MICROGRAMS PER LITER(µg/L)
- 10,000 TPHd WITH SILICA GEL CLEANUP ISOCONCENTRATION CONTOUR (µg/L; DASHED WHERE INFERRED)
- [0.02] LIGHT NON-AQUEOUS PHASE LIQUID PRESENT
- (<46) NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT (MDL)
- (NS) NOT SAMPLED

0' 50' 100'

Approximate Scale: 1 in. = 30 ft.

CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

TPH-d WITH SILICA GEL CLEANUP IN GROUNDWATER ISOCONCENTRATION CONTOUR MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 5

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\chutia\b467\OneDrive - ARCADIS\IBM 360 Docs\CHEVRON CORPORATION\ASR 206308 SANTA ROSA\SR 206308 SANTA ROSA\2019\ASRTM\05L.6308\01-DWG\FIGURE 6_TPH -g IN GW isoconcentration Map.dwg LAYOUT: 6 SAVED: 2/27/2019 5:35 PM ACADVER: 21.0S (LMS TECH)
PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/4/2019 11:32 AM BY: CHUTIA, BARAKHA

HIGHWAY 12

RESIDENTIAL

GRAVEL ROAD

ROSELAND AVE.

RESIDENTIAL

AREA OF 1994 CARDLOCK AND PIPING EXCAVATION; 4-5 FEET DEEP

AREA OF 1993 UST EXCAVATION; 15 FEET DEEP

FORMER BUILDING

FORMER USTS

FORMER CARDLOCK ISLAND AND FORMER TTLR #1

FORMER VAPOR POT

OFFICE

DOCK

LUBE OIL STORAGE

LOADING DOCK

BLDG.

MAINTENANCE AREA

FORMER SETTLING TANK

FORMER CONCRETE VAULT/SUMP

FORMER VAPOR POT

FORMER CATCH BASIN

FORMER PUMP ISLAND

FORMER ASTS

FORMER TTLR #2

SECONDARY CONTAINMENT AREA

FORMER TRANSFER BLOCK

JOE RODOTA TRAIL

FORMER P. & S.R.R.R

ART'S TOWING

WAREHOUSE

SCHOOL BUS PARKING LOT

RESIDENTIAL

ASPHALT CLEARANCE

SECURITY FENCED COMPOUND WITH RAZOR WIRE

MW-15 (NS)

MW-14 (NS)

MW-12 (<25)

MW-13

MW-13A (NS)

MW-9 (<25)

MW-1

MW-3 (<46)

MW-4 (580)

MW-2 (4,100)

DHS-8 (NS) [0.02]

MW-8

MW-16A (NS)

MW-16

MW-10 (6,100)

MW-7 (<25)

MW-6 (48 J)

MW-5 (490)

MW-11

SVP-1

SVP-2

SVP-3

SVP-4

SVP-5

SVP-6

SVP-6R

SVP-7

SVP-8

SVP-9

SVP-10

SVP-11

SVP-12

SVP-13

SVP-14

SVP-15

SVP-16

1,000

100

LEGEND

- MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (6,100) TPH-G CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- 1,000 TPH-G ISOCONCENTRATION CONTOUR (µg/L; DASHED WHERE INFERRED)
- J ESTIMATED VALUE BETWEEN(BETWEEN PRACTICAL QUANTITATION LIMIT AND METHOD DETECTION LIMIT)
- [0.02] LIGHT NON-AQUEOUS PHASE LIQUID PRESENT
- (<25) NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT (MDL)
- (NS) NOT SAMPLED

N

0' 50' 100'

Approximate Scale: 1 in. = 30 ft.

CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

TPH-G IN GROUNDWATER ISOCONCENTRATION CONTOUR MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 6

CITY:(Reqd) DIVGROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\chutaba8677\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATIONASR 206308 SANTA ROSA\ASR 206308 SANTA ROSA\2019\ASRTMDSL 630801-DWG\FIGURE 7_Benzene Isoconcentration Map.dwg LAYOUT: 7 SAVED: 2/27/2019 5:35 PM ACADVER: 21.0S (LMS TECH) PAGESETUP:
---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/4/2019 11:40 AM BY: CHUTIA, BARAKHA

HIGHWAY 12

RESIDENTIAL

GRAVEL ROAD

RESIDENTIAL

ROSELAND AVE.

AREA OF 1994 CARDLOCK AND PIPING EXCAVATION; 4-5 FEET DEEP

AREA OF 1993 UST EXCAVATION; 15 FEET DEEP

FORMER BUILDING

FORMER USTS

BLDG.

MAINTENANCE AREA

FORMER CARDLOCK ISLAND AND FORMER TTLR #1

FORMER VAPOR POT

FORMER SETTLING TANK

FORMER CATCH BASIN

FORMER PUMP ISLAND

OFFICE

DOCK

LUBE OIL STORAGE

LOADING DOCK

FORMER CONCRETE VAULT/SUMP

FORMER VAPOR POT

FORMER ASTS

FORMER TTLR #2

SECONDARY CONTAINMENT AREA

FORMER TRANSFER BLOCK

JOE RODOTA TRAIL

FORMER P. & S.R.R.R

ART'S TOWING

WAREHOUSE

RESIDENTIAL

SCHOOL BUS PARKING LOT

ASPHALT CLEARANCE

SECURITY FENCED COMPOUND WITH RAZOR WIRE

MW-12 (<0.20)
MW-13
MW-13A (NS)
MW-15 (NS)
MW-14 (NS)
MW-9 (<0.20)
MW-1
MW-3 (<0.20)
MW-4 (0.4 J)
MW-2 (520)
DHS-8 (NS) [0.02]
MW-8
MW-16A (NS)
MW-16
MW-6 (12)
MW-10 (160)
MW-7 (<0.20)
MW-5 (2.0)
MW-11

SVP-12
SVP-3
SVP-2
SVP-1
SVP-13
SVP-4
SVP-6
SVP-6P
SVP-7
SVP-8
SVP-10
SVP-11
SVP-9
SVP-14
SVP-15
SVP-16

1
10
100

N

LEGEND

- MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (520) BENZENE CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- 100 BENZENE ISOCONCENTRATION CONTOUR (µg/L; DASHED WHERE INFERRED)
- J ESTIMATED VALUE BETWEEN(BETWEEN PRACTICAL QUANTITATION LIMIT AND METHOD DETECTION LIMIT)
- [0.02] LIGHT NON-AQUEOUS PHASE LIQUID PRESENT
- (<0.20) NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT (MDL)
- (NS) NOT SAMPLED

0' 50' 100'

Approximate Scale: 1 in. = 30 ft.

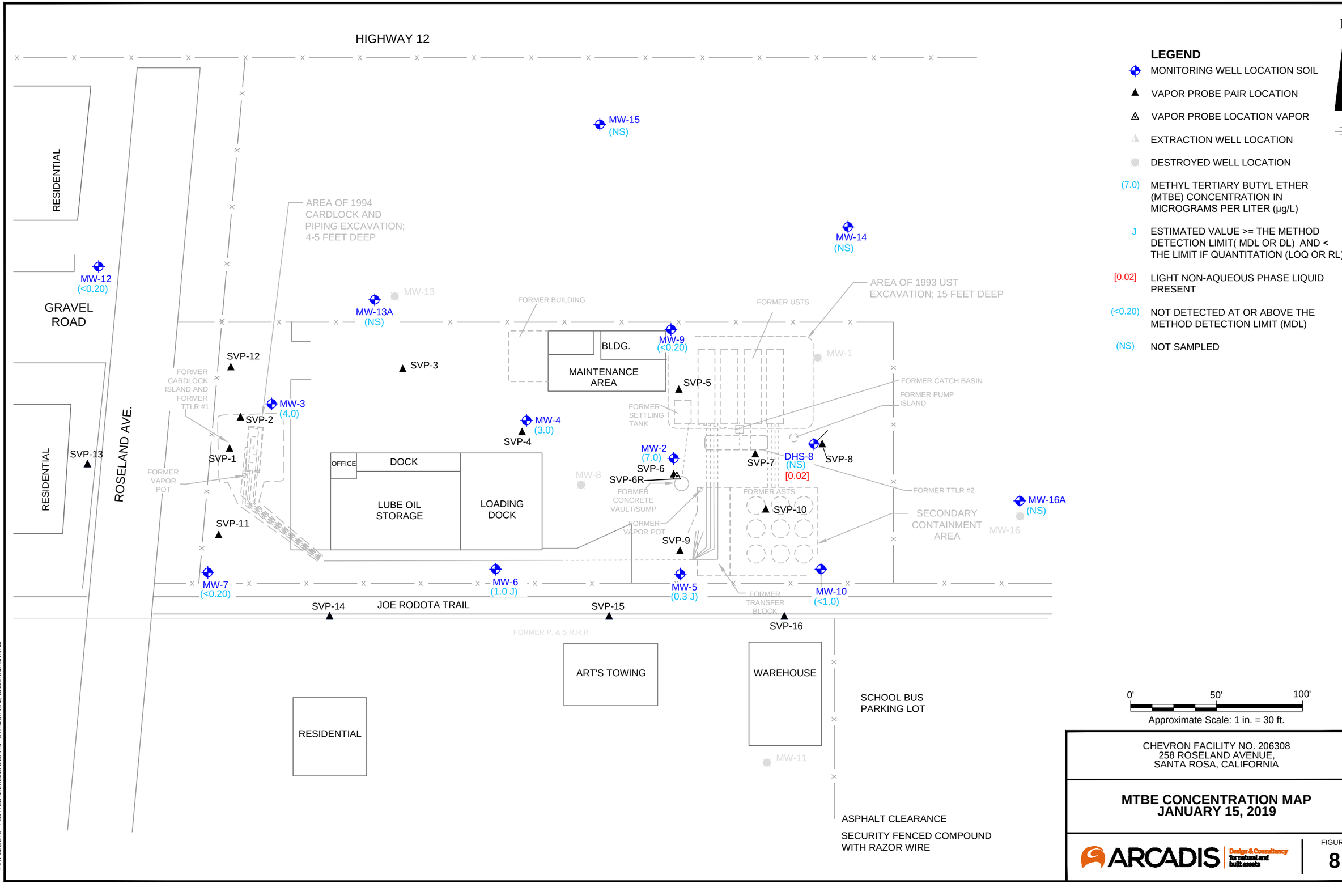
CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

BENZENE ISOCONCENTRATION CONTOUR MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 7

CITY:(Reqd) DIVGROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\mahakal\3526\OneDrive - ARCADIS\BIM 360 Docs\CHEVRON CORPORATIONASR 206308 SANTA ROSA\2019\ASRTM05SL-6308\01-DWG\FIGURE 8_MTBE concentration Map.dwg LAYOUT: 8 SAVED: 2/27/2019 5:20 PM ACADVER: 21.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE:
PLTFULL.CTB PLOTTED: 2/27/2019 5:25 PM BY: MAHAKAL, SHUBHAM SHIVAJI



LEGEND

- MONITORING WELL LOCATION SOIL
- VAPOR PROBE PAIR LOCATION
- VAPOR PROBE LOCATION VAPOR
- EXTRACTION WELL LOCATION
- DESTROYED WELL LOCATION
- (7.0) METHYL TERTIARY BUTYL ETHER (MTBE) CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- J ESTIMATED VALUE >= THE METHOD DETECTION LIMIT(MDL OR DL) AND < THE LIMIT IF QUANTITATION (LOQ OR RL)
- [0.02] LIGHT NON-AQUEOUS PHASE LIQUID PRESENT
- (<0.20) NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT (MDL)
- (NS) NOT SAMPLED

CHEVRON FACILITY NO. 206308
258 ROSELAND AVENUE,
SANTA ROSA, CALIFORNIA

MTBE CONCENTRATION MAP JANUARY 15, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 8

APPENDIX C

Soil-Vapor Investigation Report

Assessor Parcel Number 125-101-044

Santa Rosa, California

CKG Environmental, Inc.

P.O. Box 246 | St. Helena, California 94574

November 22, 2019 | Project No. 403621001

Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS

Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

November 22, 2019
Project No. 403621001

Ms. Christina Kennedy
CKG Environmental, Inc.
P.O. Box 246
St. Helena, California 94574

Subject: Soil-Vapor Investigation Report
Assessor Parcel Number 125-101-044
Santa Rosa, California

Dear Ms. Kennedy:

The enclosed *Soil-Vapor Investigation Report* summarizes the results of soil-vapor sampling performed at the Assessor Parcel Number 125-101-044 in Santa Rosa, California. The soil-vapor sampling was performed in general accordance with Ninyo & Moore's *Soil Vapor Investigation Work Plan* dated October 4, 2019.

If you have any questions regarding this report, please contact the undersigned.

Sincerely,
NINYO & MOORE

Helen Hild
Project Geologist

Kristopher M. Larson, P.G.
Senior Environmental Geologist

HEH/KML/gvr

Distribution: (1) Addressee (via e-mail)
(1) Terry Macute, County of Sonoma, Department of Health Services, Environmental Health and Safety Section

CONTENTS

1	INTRODUCTION	1
2	BACKGROUND INFORMATION	1
3	PRE-FIELD ACTIVITIES	1
3.1	Permitting	1
3.2	Health and Safety Plan	1
3.3	Utility Location	1
4	FIELD ACTIVITIES	2
4.1	Soil-Vapor Well Installation	2
4.2	Soil Vapor Sample Collection	2
4.3	Investigation-Derived Waste	4
4.4	Well Destructions	4
5	ANALYTICAL RESULTS	4
5.1	Laboratory Analytical Results TO-15: VOCs	5
5.2	Laboratory Analytical Results ASTM-D-1946: Fixed Gases	5
5.2.1	Helium – Leak Detection Agent	5
5.3	Data Quality	6
6	CONCLUSIONS AND RECOMMENDATIONS	6
7	LIMITATIONS	7
8	REFERENCES	9

TABLES

1 – Soil Analytical Results - Volatile Organic Compounds

2 – Soil Analytical Results - Fixed Gases

FIGURES

1 – Site Location

2 – Site Plan

3 – Soil Vapor Well Construction Diagram

APPENDICES

A – Sonoma County Permit

B – Boring Logs

C – Field Sampling Data Sheets

D – Laboratory Analytical Reports

1 INTRODUCTION

This *Soil-Vapor Investigation Report* summarizes the results of the soil-vapor wells sampling performed at the Assessor's Parcel Number (APN) 125-101-044 within the 900 block of Sebastopol Road in Santa Rosa, California (Site) (Figure 1). As proposed in our *Soil Vapor Investigation Work Plan*, Ninyo & Moore installed three soil-vapor wells in November 2019 to evaluate the presence of volatile organic compounds (VOCs) at the Site from off-site sources (Ninyo & Moore, 2019).

2 BACKGROUND INFORMATION

The Site is bounded by a dry ice supplier to the north, retailers to the east, Roseland Gas Mart to the south, and a bus lot to the west. The surrounding properties in the area are mixed commercial and residential. The Site is currently an empty paved lot surrounded by a locked fence.

The Site is located approximately 200 feet southeast of the former Redwood Oil Chevron Fuel Depot and within 500 feet of the Roseland Cleaners property to the east. Both properties are open cleanup cases with the San Francisco Bay Regional Water Quality Control Board (RWQCB).

3 PRE-FIELD ACTIVITIES

The following activities were performed prior to initiating the field activities.

3.1 Permitting

Ninyo & Moore obtained drilling permit SR0016361 from the County of Sonoma Department of Health Services, Environmental Health and Safety for the installation of the three soil-vapor wells. A copy of the permit is provided in Appendix A.

3.2 Health and Safety Plan

Ninyo & Moore prepared a Site-specific health and safety plan (SSHSP) for the Site prior to mobilization. Ninyo & Moore reviewed the SSHSP with field personnel prior to the start of each day of field work, and field personnel signed the acknowledgement form attached to the SSHSP indicating they understood and would abide by its provisions.

3.3 Utility Location

As required by California law, Ninyo & Moore notified Underground Service Alert (USA) at least 48 hours prior to conducting any ground disturbance activities. Ninyo & Moore personnel marked

out the vicinity of the boring locations in white paint. USA was notified of the proposed drilling, including location and date, and marked locations surrounding the Site.

Ninyo & Moore retained Pacific Coast Locators (PCL) of San Leandro, California to scan the vicinity of the three boring locations (SV-1 through SV-3) for the presence of subsurface utilities (Figure 2). On November 5, 2019, PCL provided utility location services to verify underground utility markings made by USA and to identify the locations of additional utilities that may not have been previously marked. No conflicts were encountered with the three proposed boring locations.

4 FIELD ACTIVITIES

The following section provides a summary of the field activities performed during the investigation.

4.1 Soil-Vapor Well Installation

VTS Drilling (C-57 license no. 916085) of Hayward, California installed three soil-vapor wells (SV-1 through SV-3) on November 5, 2019 under the supervision of a Ninyo & Moore geologist. The wells were installed following the California Department of Toxic Substance Control (DTSC)/ RWQCB Advisory – Active Soil Gas Investigations, dated July 2015 (DTSC/RWQCB, 2015) as described below.

The three locations were cored with a 4.5-inch corer and then were advanced with a 3.25-inch hand auger to 5.5 feet bgs. The soil types were logged following the United Soil Classification System. Boring logs are provided in Appendix B. At each location, vapor well tips were installed at 5 feet bgs within the center of a 1-foot sand pack using a tremie pipe. Each soil-vapor well included one 1-inch stainless steel vapor screen with the well tips attached to ¼-inch Teflon™ tubing. The sand packs extend 0.5 foot above and 0.5 foot below each vapor well tip, and 1 foot of dry bentonite was installed above the sand pack. The top of the probe sand pack was a minimum of 3.5 feet bgs. The soil-vapor wells were completed to surface grade with neat cement grout and finished at grade with well boxes. A soil-vapor well construction diagram is provided on Figure 3.

4.2 Soil Vapor Sample Collection

The soil-vapor sampling activities were performed in general accordance with the guidelines of the DTSC/RWQCB Advisory – Active Soil Gas Investigations, dated July 2015 (DTSC/RWQCB, 2015).

Soil vapor sampling was conducted at the Site on November 8, 2019. For each sample location, a 1-liter Summa canister was collected for analysis of VOCs by United States Environmental

Protection Agency (US EPA) Method TO-15 and fixed gases including methane and oxygen, as well as the leak detection agent helium, by ASTM Method D-1946-90.

Sample trains comprised of the 1-liter Summa sample canister, a 6-liter stainless-steel Summa vacuum canister, and stainless steel manifolds and valves connected to the vapor wells using Teflon™ tubing and Swagelok® fittings. Pre-sample purging was performed using the 6-liter vacuum canisters. The manifolds, filters, gauges, flow controllers and Summa canisters were supplied by McCampbell Analytical, Inc. (McCampbell) of Pittsburg, California, a state-certified laboratory. The flow controllers were pre-set by the laboratory to allow approximately 150 milliliters per minute (mL/min) flow rate.

Prior to sampling, the manifold was connected to the vapor sampling well with the Teflon™ tubing, and a shut-in test was performed by opening the purge canister with the sample valve in the closed position. At the onset of the shut-in test, the initial vacuum and time were recorded on field notes. The shut-in test continued for approximately 2 minutes. If the vacuum pressure remained constant, the shut-in test was considered successful (leak free). If the vacuum pressure changed, the manifold fittings were re-checked and tightened, and the shut-in test was repeated until the vacuum pressure remained constant.

Prior to collecting samples, a purge volume of the collection manifold and Teflon™ tubing was calculated and one volume was purged. A combined tubing and manifold length of 8 feet was assumed for the purge volume calculation of the 5 feet bgs vapor monitoring wells. The purge volume was calculated to be approximately 478 mL, which is equivalent to a drop in Summa canister vacuum pressure of approximately 2.4 inches of mercury (in. Hg). The purge volume was monitored by the change in pressure. The purge beginning time, initial purge canister vacuum, end time and final vacuum were recorded on vapor sampling data sheets included as Appendix C.

Subsequent to purging, the purge canister valve was closed and the sample canister valve opened to begin sample collection. A shroud was placed over the sample train and helium gas was pumped into the shroud for the duration of sample collection in order to test for leaks in the sample train and the well head integrity. The leak detection agent was monitored and a concentration of at least 20% helium was maintained in the shroud. Leak detection agent concentrations in the shroud were documented on field datasheets allowing for calculation of the magnitude of atmospheric leakage should a concentration of helium be detected in sample analytical results. The RWQCB and the DTSC allow for a maximum 5% leakage of ambient air into a sample container before the results are considered to be compromised. With 20% helium

maintained within the shroud, any helium detection over 1% in the sample was considered to be compromised.

The sampling was monitored by change in pressure in the sample canister. The sampling start time, initial sample canister vacuum, end time and final vacuum were recorded on vapor sampling data sheets. Sample canister valves were closed when the remaining vacuum was approximately -5 in Hg. Sample canisters were not allowed to reach 0.0 in. Hg, which would indicate that no vacuum remained in the vacuum canister.

The sample canisters were stored protected from significant changes in temperature while being transported under chain-of-custory documentation to McCampbell. The soil gas samples were analyzed for VOCs by USEPA Method TO-15 and for oxygen, methane and helium by ASTM Method D-1946-90.

4.3 Investigation-Derived Waste

Investigation-derived waste (IDW) generated from the soil-vapor sampling event includes soil cuttings and decontamination water. The IDW was stored in a 55-gallon drum, which was labelled and placed in a secure location pending waste profiling and proper off-Site disposal. The drum is scheduled to be removed from the Site on November 27, 2019. A copy of the laboratory report used to classify the waste is included in Appendix D. A copy of the final nonhazardous manifests will be forwarded to the property owner and Sonoma County upon receipt.

4.4 Well Destructions

The three soil-vapor wells are scheduled to be destroyed on November 27, 2019, concurrent with the drum removal. The soil-vapor well materials will be removed via hand auger, and the boring will be filled with neat-cement grout to grade. Ninyo & Moore will provide a letter to Sonoma County, including the nonhazardous waste manifest, indicating the soil-vapor wells have been properly abandoned.

5 ANALYTICAL RESULTS

Soil-vapor samples were analyzed by McCampbell for VOCs by US EPA Method TO-15 and fixed gases methane, helium and oxygen by ASTM Method D-1946-90. The certified laboratory analytical reports are included in Appendix D. The laboratory analytical results for TO-15 analysis of VOCs are presented in Table 1 and analytical results for fixed gases are presented on Table 2.

Soil-vapor analytical results were compared to the RWQCB's Environmental Screening Levels (ESLs) dated 2019 (Revision 2) for Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels for both Residential and Commercial/Industrial land use (Table SG-1).

5.1 Laboratory Analytical Results TO-15: VOCs

Twenty-two VOCs were detected above their respective laboratory reporting limits in the three samples collected. Three VOCs (benzene, chloroform, and tetrachloroethene) were reported at concentrations exceeding their respective ESLs as follows:

- Benzene was reported at a concentration above the Residential ESL of 3.2 µg/m^3 in one sample, SV-2, at a concentration of 9.6 µg/m^3. This detection does not exceed the Commercial/Industrial ESL of 14 µg/m^3.

- Chloroform was reported at a concentration above the Residential ESL of 4.1 µg/m^3 in one sample, SV-2, at a concentration of 14 µg/m^3. This detection does not exceed the Commercial /Industrial ESL of 18 µg/m^3.

- Tetrachloroethene (PCE) was reported at concentrations above the Residential ESL of 15 µg/m^3 in two samples, SV-1 and SV-2, at concentrations of 40 µg/m^3 and 46 µg/m^3, respectively. These detections do not exceed the Commercial/Industrial ESL of 67 µg/m^3.

5.2 Laboratory Analytical Results ASTM-D-1946: Fixed Gases

All collected soil-vapor samples were analyzed for fixed atmospheric gases methane and oxygen, as well as the leak detection agent helium, by ASTM Method D-1946-90.

- Methane was detected at concentrations of 0.00023% and 0.16%, in comparison to the 0.000179% composition of the earth's atmosphere and 0.5%.

- Oxygen was detected at concentrations ranging from 0.93% to 6.9%, in comparison to the 20.946% composition of the earth's atmosphere.

5.2.1 Helium – Leak Detection Agent

The RWQCB and the DTSC allow for a maximum 5% leakage of ambient air into a vapor sample container before the results are considered to be compromised (DTSC/RWQCB, 2015). Below is a table with the minimum concentration of helium maintained within the shroud, the maximum allowable helium concentration in the sample, and the reported analytical results from the samples. All concentrations are in percent.

Soil-Vapor Samples	Minimum Helium Concentration Maintained in the Shroud	Maximum Allowable Helium in the Sample	Helium Analytical Result
SV-1	22.7	1.1	0.55
SV-2	23.8	1.2	0.56
SV-3	23.6	1.2	1.1

No concentration of helium in the three samples exceed the permissible 5% by volume so these sample results are considered valid.

5.3 Data Quality

Data quality assurance/quality control (QA/QC) measures were observed for this monitoring event to ensure the reliability of data generated. QA/QC procedures applicable to the collection and analysis of vapor samples for analysis by an off-site laboratory include the following:

- Adherence to sample collection, preservation and holding time requirements;
- Adherence to DTSC guidance for the collection and analysis of soil-vapor samples, including the use and analysis of a leak detection agent;
- Use of appropriate laboratory analytical methods and detection limits; and
- Noting any laboratory control sample discrepancies.

McCampbell QC samples consisted of method blanks, laboratory control spikes and laboratory control spike duplicates. Concentrations of toluene and trichloroethene were detected in the method blank for the TO15 analyses. Concentrations reported in the project samples are greater than 10 times those concentrations detected in the method blank, so no project samples were qualified.

Based on the above, the relevant QA/QC results for the soil-vapor samples were satisfactory and acceptable. Overall, the presented data are considered reliable and useable for project decision making.

6 CONCLUSIONS AND RECOMMENDATIONS

In accordance with the Work Plan, Ninyo & Moore installed and sampled three soil-vapor wells (SV-1 through SV-3) in November 2019. The soil-vapor samples were analyzed for VOCs by US EPA Method TO-15 and fixed gases by ASTM Method D-1946-90.

The analytical results indicate the following:

- Concentrations of PCE exceed the Residential ESLs in SV-1, and concentrations of benzene, chloroform, and PCE exceed the residential ESLs in SV-2.
- No soil-vapor concentrations exceed the Commercial/Industrial ESLs from the three samples collected during this sampling event
- Helium was detected in each sample, however no concentrations of helium exceed the maximum allowable helium concentration, so the sample results are considered valid.

Based on the PCE, benzene and chloroform concentrations exceeding Residential ESLs, there is a potential threat for soil vapor to impact future residential occupants on site via vapor intrusion. Engineering controls may be installed beneath the proposed site structure (which Ninyo & Moore understands to be a Boys and Girls Club facility) to mitigate the potential vapor intrusion. Mitigation measures may include a passive soil vapor mitigation system consisting of a spray-applied vapor barrier membrane with superior chemical resistance properties. Additional mitigation measures could include slotted PVC piping installed beneath the slab and vapor barrier that passively removes vapors accumulating in the subsurface and vents the vapors though a series of vertical vent riser pipes running up the exterior sides of the building to a discharge point above the roof.

Any mitigation system designs will need to be approved by the local regulatory agency before their installation. The regulatory agency may also request a Human Health Risk Assessment and Operation and Maintenance Plan prior to approving the proposed vapor mitigation system design and installation.

7 LIMITATIONS

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in Site conditions may exist and conditions not observed or described in this report may be encountered during subsequent activities. Please also note that this assessment did not include an evaluation of geotechnical conditions or potential geologic hazards.

Ninyo & Moores opinions and recommendations regarding environmental conditio ns, as presented in this report, are based on limited subsurface assessment and chemical analysis. Further assessment of potential adverse environmental impacts from past on-Site and/or nearby

use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between sampling locations. Variations in soil, soil vapor, and/or groundwater conditions will exist beyond the points explored in this evaluation.

The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the subject Site. The testing and analyses have been conducted by an independent laboratory which is certified by the State of California to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Ninyo & Moore's conclusions, recommendations, and opinions are based on an analysis of the observed Site conditions. It should be understood that the conditions of a Site could change with time as a result of natural processes or the activities of man at the subject Site or nearby Sites. In addition, changes to the applicable laws, regulations, codes and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

This report is intended exclusively for use by CKG Environmental, Inc. Any use or reuse of the findings, conclusions and/or recommendations of this report by parties other than those noted is undertaken at said parties' sole risk.

8 REFERENCES

DTSC/RWQCB, 2015, Advisory – Active Soil Gas Investigations, dated July.

Ninyo & Moore, 2019*. Soil Vapor Investigation Work Plan, Assessor Parcel Number 125-101-044, Santa Rosa, California*. October 4.

TABLES

Table 1 - Soil Vapor Analytical Results - Volatile Organic Compounds

Sample ID	Date Sampled	Benzene	Carbon Disulfide	Chloroform	Cyclohexane	Dichlorodifluoromethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethenyl acetate	Ethylbenzene	4-Ethyltoluene	Heptane	Hexane	4-Methyl-2-pentanone (MIBK)	t-Butyl alcohol (TBA)	Tetrachloroethene	Toluene	1,1,1,-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes, Total
		µg/m3																					
SV-1	11/8/2019	ND<1.6	ND<1.6	ND<2.4	ND<18	ND<2.5	ND<2.0	ND<2.0	ND<2.0	ND<1.8	2.8	ND<2.5	ND<21	ND<18	ND<2.1	ND<31	**40**	9.8	ND<2.8	ND<2.8	4.4	ND<2.5	16
SV-2	11/8/2019	**9.6**	25	**14**	89	ND<2.5	3.7	33	2.5	2.6	12	10	47	32	4.5	45	**46**	32	3.2	5.4	26	17	140
SV-3	11/8/2019	ND<1.6	ND<1.6	ND<2.4	ND<18	7.2	ND<2.0	ND<2.0	ND<2.0	ND<1.8	5.4	ND<2.5	ND<21	ND<18	ND<2.1	ND<31	8.7	9.5	ND<2.8	ND<2.8	6.4	2.7	38
Screening Levels																							
Residential ESL		3.2	NE	4.1	NE	NE	58	280	2,800	NE	37	NE	NE	NE	100,000	NE	15	10,000	35,000	16	NE	NE	3,500
Commercial ESL		14	NE	18	NE	NE	260	1,200	12,000	NE	160	NE	NE	NE	440,000	NE	67	44,000	150,000	100	NE	NE	15,000

Notes:

Volatile organic compounds analyzed using United States Environmental Protection Agency Method TO-15

ID - identification

µg/m^3 - micrograms per cubic meter

ND<X - not detected at laboratory reporting limit X

ESL - San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESL) Human Health Risk for Residential or Commercial/Industrial sites as noted, Subslab/Soil Gas, Revision 2, 2019.

NE - ESL not established

Bold indicates a reported value exceeds the ESL

Only detected VOCs tabulated

Table 2 - Soil Vapor Analytical Results - Fixed Gases

Sample ID	Date Sampled	Helium	Methane	Oxygen
		%		
SV-1	11/8/2019	0.55	ND<0.00020	6.9
SV-2	11/8/2019	0.56	0.16	0.97
SV-3	11/8/2019	1.1	0.00023	0.93

Notes:

Fixed gases analyzed using ASTM Method D-1946-90

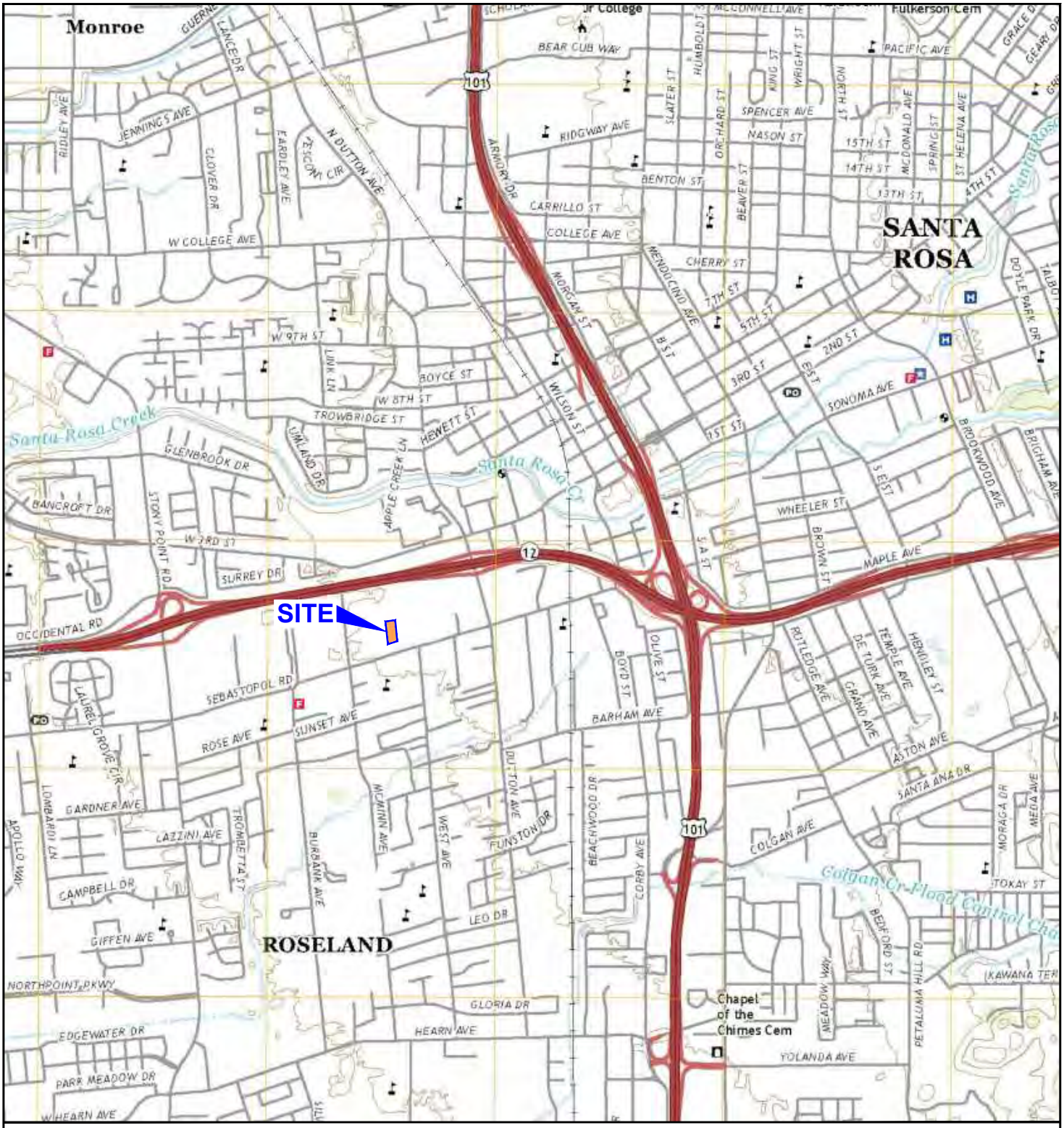
ID - identification

% - percent

ND<X – not detected at laboratory reporting limit X

-- not analyzed

FIGURES



NOTE: DIMENSIONS, DIRECTIONS, AND LOCATIONS ARE APPROXIMATE I REFERENCE: USGS, 2018

N

SCALE (FEET)

0 2,000 4,000

403621001.dwg 11/19/2019 AEK

FIGURE 1

Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

SITE LOCATION

SOIL VAPOR INVESTIGATION REPORT
ASSESSOR PARCEL NUMBER 125-101-044
SANTA ROSA, CALIFORNIA
403621001 I 11/19

LEGEND

PARCEL BOUNDARY

SV-1 SOIL VAPOR WELL

NOTE: DIMENSIONS, DIRECTIONS, AND LOCATIONS ARE APPROXIMATE I REFERENCE: GOOGLE EARTH, 2019

N

SCALE (FEET)

0 80 160

403621001.dwg 11/19/2019 AEK

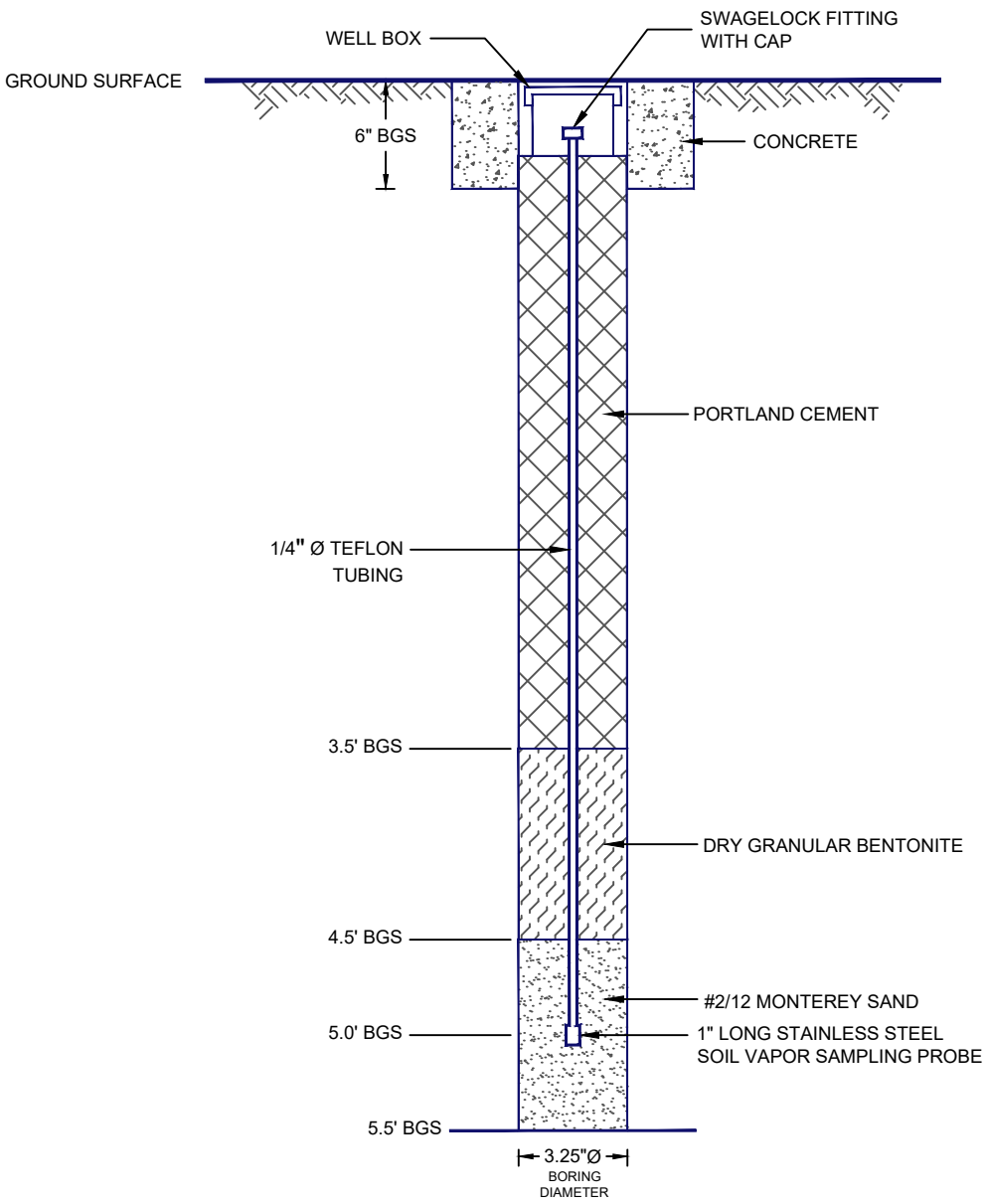
FIGURE 2

Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

SITE PLAN

SOIL VAPOR INVESTIGATION REPORT
ASSESSOR PARCEL NUMBER 125-101-044
SANTA ROSA, CALIFORNIA
403621001 I 11/19



Notes:
Ø = Diameter
BGS = Below Ground Surface

NOTE: NOT TO SCALE

403621001.dwg 11/19/2019 AEK

FIGURE 3

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

SOIL VAPOR WELL CONSTRUCTION DIAGRAM

SOIL VAPOR INVESTIGATION REPORT
ASSESSOR PARCEL NUMBER 125-101-044
SANTA ROSA, CALIFORNIA
403621001 I 11/19

APPENDIX A

Sonoma County Permit

TM

COUNTY OF SONOMA — DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH & SAFETY
625 5th Street, Santa Rosa, CA 95404
Phone (707) 565-6565 Fax (707) 565-6525 www.sonoma-county.org

APPLICATION FOR DRILLING PERMIT
for Regional Board Lead/Environmental Assessment/LOP Lead

DEPT. OF HEALTH SVCS
OCT 2 2019
ENVIRONMENTAL HEALTH & SAFETY

For Office Use Only
Amount Paid $784.-
Receipt Number _____ PE 1406
Payment Date _____ Rev. Code _____
Site ID# FA0015098
Permit # SR0016361

Permit Type:

☐ Monitoring Well ☐ Borings ☐ Destruct ■ Environmental Assessment

Well Type: ☐ Remediation Well ☐ Extraction Well ■ Soil Vapor
☐ Other _____

On-Site Well 3 ID # SV-1, SV-2, SV-3 # Off-Site Well _____ ID # _____

On-Site Boring _____ ID # _____ # Off-Site Boring _____ ID # _____

Submit legal right-of-entry/off-site well address/encroachment permit

Site Address 0 Sebastopol Road AP# 125-101-044

Facility Name N/A

Site Owner Roy and Patricia Nonella Phone 707 696 5850
Street 4615 Hall Road City Santa Rosa State CA Zip 95401

Responsible Party Roy and Patricia Nonella Phone 707 696 5850
Street 4615 Hall Road City Santa Rosa State CA Zip 95401

Consultant Ninyo & Moore License#/Type _____ Phone 510 343 3000
Street 2020 Challenger Drive, Suite 103 City Alameda State CA Zip 94501
License #/Type 697063 / HAZ Email hhild@ninyoandmoore.com

Drilling Contractor Vapor Tech Services LLC Phone 415-378-0415
Street 2560 Barrington Court City Hayward State CA Zip 94545
C-57 License 916085

Disposal method for soil cuttings Spoils will be placed in a 55-gallon drum, and remain on-site pending waste characterization

Disposal method for development water N/A

Drilling method Hand auger

Method of drill equipment rinsate containment and disposal decontamination water will be placed in a 55-gallon drum and remain on-site

If destroying a well, abandonment method N/A

Submit plot plan of wells in relation to all sewer or septic lines.

Is well to be constructed within: 100 feet of a septic tank or leach field? ○Yes ◉No
50 feet of any sanitary sewer line? ◉Yes ○No
25 feet of any private sanitary sewer line? ○Yes ◉No

In addition, all monitoring wells must include an ***identification system*** affixed to the interior surface:

1) Well identification 2) Well type 3) Well depth 4) Well casing diameter 5) Perforated intervals

Well identification number and well type shall be ***affixed*** to the ***exterior surface*** security structure.

10/2/2019 12:18 PM Sales Receipt #5944
Store: 4 Workstation: 1

Sonoma County Env Health & Safety
625 Fifth Street
Santa Rosa, CA 95404
(707) 565-6565

ENTERED JC

Cashier: EHCounter

Item #	Qty	Price	Ext Price
276	1	$784.00	$784.00
115023 Drilling			
		Subtotal:	$784.00
Local Sales Tax		0 % Tax.	+ $0.00
		RECEIPT TOTAL:	$784.00

Check: $784.00 502392

TM

For Office Use Only

0000 Sebastopol Road
Santa Rosa, CA
SR0016361

I here ... of Sonoma and State of California pertaining to water well construction. I will teleph ... mental Health Specialist when completing or destroying a well. I will furnish the Direct ... State Water Well Driller's Report within 15 days; and a copy of the Summary Report, including sample results, should be received by the Department of Health Services, Environmental Health and Safety Section within 90 days in order to obtain final approval on this well permit. I acknowledge that the application will become a permit *only* after site approval and payment of fee. I understand that this permit is not transferable and expires one year from date of issuance.

Signature of Well Driller—*no proxies (Wet Signature Required)* Date 9/30/19

Insurance Carrier New York Marine & General Ins. Co. Expiration Date 2/5/20

Once all wells/borings are installed, submit a Well Driller's Log and/or Summary Report to complete permit process.

Indicate on attached plot plan the exact location of well(s) with respect to the following items: property lines, water bodies or water courses drainage pattern, roads, existing wells, sewer main and laterals and private sewage disposal systems or other sources of contamination or pollution. INCLUDE DIMENSIONS. The validity of this permit depends upon the accuracy of the information provided by the applicant.

Conditions of permit:

* Provide 48 hours notice before drilling.
* Construct Soil Vapor Wells in accordance w/ DTSC's Advisory - Active Soil Gas Investigations (2015)
* Submit Final Report w/ logs w/in 90 days of work completion.

FOR OFFICE USE ONLY – ENVIRONMENTAL HEALTH & SAFETY

Permit approved by _____ Date 10/15/19

Constr. approved by _____ Observed? ☐Yes ☐No Well # _____ Date ___/___/___

RWQCB/LOP approval _____ Date ___/___/___

Drilling Permit Application Rev 0814.Docx (Revised August 2014) Distribution: ☐File ☐Driller ☐Consultant ☐Owner/Resp. Party

APPENDIX B

Boring Logs

DATE DRILLED 11/05/2019 BORING NO. SV-1

GROUND ELEVATION 143' above MSL SHEET 1 OF 1

DRILLING METHOD Hand Auger

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY N/A LOGGED BY HEH REVIEWED BY PDS

DEPTH (feet)	SAMPLES: Bulk	SAMPLES: Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0									6" Asphalt.
								CL	Fill: Light gray, moist, CLAY with sand and gravel; fine rounded gravel; medium-coarse rounded sand; low plasticity.
								CH	Alluvium: Dark brown, moist, CLAY with sand; medium rounded sand; medium-high plasticity.
						0.0			Dark brown, moist, loose, clayey SILT.
2.5								ML	
5								GP-GM	Brown, moist, GRAVEL with silt and sand; fine-coarse gravel; medium rounded sand.
									Total depth of boring at 5.5'. Boring converted to a soil vapor well on 11/05/2019. Soil vapor well/probe construction details presented on Figure 3. Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and other factors.
7.5									
10									

FIGURE B1

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

SOIL VAPOR INVESTIGATION
APN 125-101-044, SANTA ROSA, CALIFORNIA
403621001 | 11/19

DATE DRILLED 11/05/2019 BORING NO. SV-2

GROUND ELEVATION 143' above MSL SHEET 1 OF 1

DRILLING METHOD Hand Auger

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY N/A LOGGED BY HEH REVIEWED BY PDS

DEPTH (feet)	SAMPLES: Bulk	SAMPLES: Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0									6" Asphalt.
								SC	Fill: Light brownish yellow, moist, SAND with clay and gravel; fine-coarse sub-rounded gravel; very fine-coarse rounded sand.
2.5								CH	Alluvium: Dark brown, moist, CLAY with sand and silt; medium rounded sand; medium-high plasticity.
5						0.1			@5' Black.
7.5									Total depth of boring at 5.5'. Boring converted to a soil vapor well on 11/05/2019. Soil vapor well/probe construction details presented on Figure 3. Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and other factors.
10									

FIGURE B2

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

SOIL VAPOR INVESTIGATION
APN 125-101-044, SANTA ROSA, CALIFORNIA
403621001 | 11/19

DATE DRILLED 11/05/2019 BORING NO. SV-3

GROUND ELEVATION 143' above MSL SHEET 1 OF 1

DRILLING METHOD Hand Auger

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY N/A LOGGED BY HEH REVIEWED BY PDS

DEPTH (feet)	SAMPLES: Bulk	SAMPLES: Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0									6" Asphalt.
						0.0		CH	Fill: Dark brown, moist, CLAY with sand and gravel; fine-coarse rounded gravel; medium-coarse sand; medium high plasticity. @1.5' Increase in sand.
2.5								SC	Alluvium: Dark brown, moist, clayey SAND with gravel; fine rounded gravel; very fine-coarse rounded sand.
5								CL	Brown, moist, CLAY with sand; low-medium plasticity.
7.5									Total depth of boring at 5.5'. Boring converted to a soil vapor well on 11/05/2019. Soil vapor well/probe construction details presented on Figure 3. Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and other factors.
10									

FIGURE B3

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

SOIL VAPOR INVESTIGATION
APN 125-101-044, SANTA ROSA, CALIFORNIA
403621001 | 11/19

APPENDIX C

Field Sampling Data Sheets

Soil Vapor Sample Collection Data

Sample ID: SV-1

Client: CRG | Date: 11/8/19

Project Number: 402621001

Site Location: Santa Rosa

Field Personnel: FSM

Type of Probe and Advancement Method: 1" mini-probe / Hand Auger

Sample Data	Sample ID	SV-1					
	Canister Serial No.	B1963-2594					
	Flow Controller Serial No.	316-1348					
	Sample Depth (Ft.)	5'					
	Tubing length	8'					
	Purge Volume and Rate	150 ml/min					
	Calculated Duration of Purge (3 tubing volumes)	3" Hg					
1-2-Minute Shut-in Test	Time Sample-Train Shut-in Test Begins	1159					
	Initial Canister Vacuum (inches Hg)	-24					
	Time Sample-Train Shut-in Test Ends	1201					
	Duration of Test	2 min					
	Final Canister Vacuum (inches Hg)	-24					
Purge	Time Beginning of Purge	1204	-24 →		-21		
	Time End of Purge	1208					
	Actual Duration of Purge	4 min					
Sample Collection and Tracer Gas Monitoring	Time Canister Opened	1208					
	Initial Canister Vacuum (inches Hg)	-30					
	Measured Helium % Initial						
	2 min.	26.8	35 min.				
	4 min.	25.2	40 min.				
	6min.	22.7	45 min.				
	8min.		50 min.				
	10 min.		55 min.				
	15 min.		60 min.				
	20 min.		___ min.				
	25 min.		___ min.				
	30 min		___ min.				
	Comments		___ min.				
	Time Canister Closed	1214					
	Final Canister Pressure (inches Hg)	-5					
	Time of Sample Collection	1214					

Notes:
Calculating Purge Volume: Length of tube (ft.) x 5.5 cc/linear foot (1/4" OD Teflon Tube)

Soil Vapor Sample Collection Data

Sample ID: SV-2

Client: CKG

Project Number: 403621001

Site Location: Santa Rosa

Field Personnel: FGM

Date: 11/5/19

Type of Probe and Advancement Method: 1" mini-PointHand auger

Sample Data	Sample ID	SV-2					
	Canister Serial No.	6421-852					
	Flow Controller Serial No.	316-768					
	Sample Depth (Ft.)	5'					
	Tubing length	8'					
	Purge Volume and Rate	150 ml/min					
	Calculated Duration of Purge (3 tubing volumes)	3 min					
1-2-Minute Shut-in Test	Time Sample-Train Shut-in Test Begins	1123					
	Initial Canister Vacuum (inches Hg)	-26"					
	Time Sample-Train Shut-in Test Ends	1125					
	Duration of Test	2 min					
	Final Canister Vacuum (inches Hg)	-26					
Purge	Time Beginning of Purge	1127	-26" → -23"				
	Time End of Purge	1132					
	Actual Duration of Purge	5 min					
Sample Collection and Tracer Gas Monitoring	Time Canister Opened	1133					
	Initial Canister Vacuum (inches Hg)	-29					
	Measured Helium % initial						
	2 min.	27.3	35 min.				
	4 min.	25.9	40 min.				
	6min.	23.8	45 min.				
	8min.		50 min.				
	10 min.		55 min.				
	15 min.		60 min.				
	20 min.		____ min.				
	25 min.		____ min.				
	30 min.		____ min.				
	Comments		____ min.				
	Time Canister Closed	1138					
	Final Canister Pressure (inches Hg)	-5"					
	Time of Sample Collection	1138					

Notes:
Calculating Purge Volume: Length of tube (ft.) x 5.5 cc/linear foot (1/4" OD Teflon Tube)

Soil Vapor Sample Collection Data

Sample ID: SV-3

Client: C/C+ Date 11/8/19

Project Number: 403621001

Site Location: Santa Rosa

Field Personnel: M Murphree, JSM

Type of Probe and Advancement Method: Hand Auger

Sample Data	Sample ID	SV-3					
	Canister Serial No.	7509 - 857					
	Flow Controller Serial No.	316 - 1375					
	Sample Depth (Ft.)	5'					
	Tubing length	8'					
	Purge Volume and Rate	150 ml/min					
	Calculated Duration of Purge (3 tubing volumes)	3" Hg					
1-2-Minute Shut-in Test	Time Sample-Train Shut-in Test Begins	1045					
	Initial Canister Vacuum (inches Hg)	-29"					
	Time Sample-Train Shut-in Test Ends	1047					
	Duration of Test	2 min					
	Final Canister Vacuum (inches Hg)	-29					
Purge	Time Beginning of Purge	1049	-29 →		-26		
	Time End of Purge	1054					
	Actual Duration of Purge	5 min					
Sample Collection and Tracer Gas Monitoring	Time Canister Opened	1054					
	Initial Canister Vacuum (inches Hg)	-29					
	Measured Helium % Initial						
	2 min.	26.5	35 min.				
	4 min.	25.4	40 min.				
	6min.	23.6	45 min.				
	8min.		50 min.				
	10 min.		55 min.				
	15 min.		60 min.				
	20 min.		____ min.				
	25 min.		____ min.				
	30 min.		____ min.				
	Comments		____ min.				
	Time Canister Closed	1100					
	Final Canister Pressure (inches Hg)	-5					
	Time of Sample Collection	1100					

Notes:
Calculating Purge Volume: Length of tube (ft.) x 5.5 cc/linear foot (1/4" OD Teflon Tube)

APPENDIX D

Laboratory Analytical Reports

Ninyo & Moore
2020 Challenger Drive, Suite 103
Alameda, California 94501
Tel: 510-343-3000

RE: Sebastopol Rd, Santa Rosa

Work Order No.: 1911084 Rev: 1

Dear Helen Hild:

Torrent Laboratory, Inc. received 1 sample(s) on November 08, 2019 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991 If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Kathie Evans
Project Manager

November 13, 2019
Date

Date: 11/13/2019

Client: Ninyo & Moore

Project: Sebastopol Rd, Santa Rosa

Work Order: 1911084

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.

REVISIONS

Report revised to include Mercury data.

Rev. 1 (11/14/19)

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Helen Hild
Ninyo & Moore

Date Received: 11/08/19
Date Reported: 11/13/19

110519

1911084-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Arsenic	SW6010B	1	0.15	1.30	2.96	mg/Kg
Barium	SW6010B	1	0.055	5.00	77.1	mg/Kg
Chromium	SW6010B	1	0.075	5.00	39.7	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	9.47	mg/Kg
Copper	SW6010B	1	0.20	5.00	13.7	mg/Kg
Lead	SW6010B	1	0.10	3.00	5.29	mg/Kg
Nickel	SW6010B	1	0.50	5.00	53.4	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	31.3	mg/Kg
Zinc	SW6010B	1	0.30	5.00	33.7	mg/Kg
TPH as Motor Oil	SW8015B	1	3.2	10	10.7	mg/Kg

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 11/08/19, 3:00 pm
Date Reported: 11/13/19

Client Sample ID:	110519	**Lab Sample ID:**	1911084-001A
Project Name/Location:	Sebastopol Rd, Santa Rosa	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	11/05/19 / 9:48		
SDG:			

Prep Method:	7471BP	**Prep Batch Date/Time:**	11/11/19	2:40:00PM
Prep Batch ID:	1118125	**Prep Analyst:**	IRNAZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/12/19	10:54	BJAY	443836

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 11/08/19, 3:00 pm
Date Reported: 11/13/19

Client Sample ID:	110519	**Lab Sample ID:**	1911084-001A
Project Name/Location:	Sebastopol Rd, Santa Rosa	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	11/05/19 / 9:48		
SDG:			

Prep Method:	3050B	**Prep Batch Date/Time:**	11/11/19 2:30:00PM
Prep Batch ID:	1118126	**Prep Analyst:**	IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/12/19	12:17	ERR	443807
Arsenic	SW6010B	1	0.15	1.30	**2.96**		mg/Kg	11/12/19	12:17	ERR	443807
Barium	SW6010B	1	0.055	5.00	**77.1**		mg/Kg	11/12/19	12:17	ERR	443807
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/12/19	12:17	ERR	443807
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	11/12/19	12:17	ERR	443807
Chromium	SW6010B	1	0.075	5.00	**39.7**		mg/Kg	11/12/19	12:17	ERR	443807
Cobalt	SW6010B	1	0.070	5.00	**9.47**		mg/Kg	11/12/19	12:17	ERR	443807
Copper	SW6010B	1	0.20	5.00	**13.7**		mg/Kg	11/12/19	12:17	ERR	443807
Lead	SW6010B	1	0.10	3.00	**5.29**		mg/Kg	11/12/19	12:17	ERR	443807
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/12/19	12:17	ERR	443807
Nickel	SW6010B	1	0.50	5.00	**53.4**		mg/Kg	11/12/19	12:17	ERR	443807
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	11/12/19	12:17	ERR	443807
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	11/12/19	12:17	ERR	443807
Thallium	SW6010B	1	0.55	5.00	ND		mg/Kg	11/12/19	12:17	ERR	443807
Vanadium	SW6010B	1	0.10	5.00	**31.3**		mg/Kg	11/12/19	12:17	ERR	443807
Zinc	SW6010B	1	0.30	5.00	**33.7**		mg/Kg	11/12/19	12:17	ERR	443807

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 11/08/19, 3:00 pm
Date Reported: 11/13/19

Client Sample ID:	110519	**Lab Sample ID:**	1911084-001A
Project Name/Location:	Sebastopol Rd, Santa Rosa	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	11/05/19 / 9:48		
SDG:			

Prep Method:	3546_TPH	**Prep Batch Date/Time:**	11/8/19	1:04:00PM
Prep Batch ID:	1118078	**Prep Analyst:**	MSAT	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	11/12/19	17:44	MK	443858
TPH as Motor Oil	SW8015B	1	3.2	10	**10.7**		mg/Kg	11/12/19	17:44	MK	443858
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		**73.3**		%	11/12/19	17:44	MK	443858

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 11/08/19, 3:00 pm
Date Reported: 11/13/19

Client Sample ID:	110519	**Lab Sample ID:**	1911084-001A
Project Name/Location:	Sebastopol Rd, Santa Rosa	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	11/05/19 / 9:48		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	11/11/19 11:09:00AM
Prep Batch ID:	1118140	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	11/11/19	16:24	BP	443808
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	11/11/19	16:24	BP	443808
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	11/11/19	16:24	BP	443808
TBA	SW8260B	1	12	50	ND		ug/Kg	11/11/19	16:24	BP	443808
Diisopropyl ether	SW8260B	1	2.3	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Ethyl tert-Butyl ether	SW8260B	1	2.3	10	ND		ug/Kg	11/11/19	16:24	BP	443808
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	11/11/19	16:24	BP	443808
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	11/11/19	16:24	BP	443808
TAME	SW8260B	1	2.3	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	11/11/19	16:24	BP	443808
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	11/11/19	16:24	BP	443808
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	11/11/19	16:24	BP	443808

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 11/08/19, 3:00 pm
Date Reported: 11/13/19

Client Sample ID:	110519	**Lab Sample ID:**	1911084-001A
Project Name/Location:	Sebastopol Rd, Santa Rosa	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	11/05/19 / 9:48		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	11/11/19 11:09:00AM
Prep Batch ID:	1118140	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	11/11/19	16:24	BP	443808
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	11/11/19	16:24	BP	443808
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	11/11/19	16:24	BP	443808
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	11/11/19	16:24	BP	443808
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	11/11/19	16:24	BP	443808
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	11/11/19	16:24	BP	443808
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	11/11/19	16:24	BP	443808
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	11/11/19	16:24	BP	443808
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	11/11/19	16:24	BP	443808
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	11/11/19	16:24	BP	443808
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	11/11/19	16:24	BP	443808
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	11/11/19	16:24	BP	443808
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	11/11/19	16:24	BP	443808
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**106**		%	11/11/19	16:24	BP	443808
(S) Toluene-d8	SW8260B		55.2 - 133		**100**		%	11/11/19	16:24	BP	443808
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**94.8**		%	11/11/19	16:24	BP	443808

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 11/08/19, 3:00 pm
Date Reported: 11/13/19

Client Sample ID:	110519	**Lab Sample ID:**	1911084-001A
Project Name/Location:	Sebastopol Rd, Santa Rosa	**Sample Matrix:**	Soil
Project Number:			
Date/Time Sampled:	11/05/19 / 9:48		
SDG:			

Prep Method:	5035GRO	**Prep Batch Date/Time:**	11/11/19	11:09:00AM
Prep Batch ID:	1118141	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	11/11/19	16:24	BP	443808
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		**88.8**		%	11/11/19	16:24	BP	443808

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1911084	**Prep Method:**	3546_TPH	**Prep Date:**	11/08/19	**Prep Batch:**	1118078
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	11/8/2019	**Analytical Batch:**	443852
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.85	2.0	1.43	
TPH as Motor Oil	3.2	10	4.25	
Pentacosane (S)			91.2	

Work Order:	1911084	**Prep Method:**	7471BP	**Prep Date:**	11/11/19	**Prep Batch:**	1118125
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	11/12/2019	**Analytical Batch:**	443836
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Mercury	0.083	0.50	ND	

Work Order:	1911084	**Prep Method:**	3050B	**Prep Date:**	11/11/19	**Prep Batch:**	1118126
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	11/12/2019	**Analytical Batch:**	443807
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Antimony	0.050	5.00	ND	
Arsenic	0.15	1.30	ND	
Barium	0.055	5.00	ND	
Beryllium	0.055	5.00	ND	
Cadmium	0.10	5.00	ND	
Chromium	0.075	5.00	0.080	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	0.24	
Lead	0.10	1.30	ND	
Molybdenum	0.050	5.00	ND	
Nickel	0.50	5.00	ND	
Selenium	0.22	5.00	ND	
Silver	0.15	5.00	ND	
Thallium	0.55	5.00	ND	
Vanadium	0.10	5.00	ND	
Zinc	0.30	5.00	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1911084	**Prep Method:**	5035	**Prep Date:**	11/11/19	**Prep Batch:**	1118140
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/11/2019	**Analytical Batch:**	443808
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	1.2	10	ND		
Chloromethane	1.8	10	ND		
Vinyl Chloride	2.0	10	ND		
Bromomethane	2.7	10	ND		
Chloroethane	3.0	10	ND		
Trichlorofluoromethane	2.1	10	ND		
1,1-Dichloroethene	2.0	10	ND		
Freon 113	1.9	10	ND		
Methylene Chloride	7.1	10	ND		
trans-1,2-Dichloroethene	2.1	10	ND		
MTBE	2.3	10	ND		
TBA	12	50	ND		
Diisopropyl ether	2.3	10	ND		
1,1-Dichloroethane	2.2	10	ND		
Ethyl tert-Butyl ether	2.3	10	ND		
cis-1,2-Dichloroethene	2.2	10	ND		
2,2-Dichloropropane	1.9	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	2.4	10	ND		
Carbon Tetrachloride	2.1	10	ND		
1,1,1-Trichloroethane	2.1	10	ND		
1,1-Dichloropropene	2.0	10	ND		
Benzene	2.2	10	ND		
TAME	2.3	10	ND		
1,2-Dichloroethane	2.3	10	ND		
Trichloroethylene	1.8	10	ND		
Dibromomethane	1.8	10	ND		
1,2-Dichloropropane	1.9	10	ND		
Bromodichloromethane	2.0	10	ND		
cis-1,3-Dichloropropene	1.6	10	ND		
Toluene	1.8	10	ND		
Tetrachloroethylene	1.7	10	ND		
trans-1,3-Dichloropropene	1.6	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.9	10	ND		
1,3-Dichloropropane	1.8	10	ND		
1,2-Dibromoethane	1.8	10	ND		
Chlorobenzene	1.8	10	ND		
Ethylbenzene	1.7	10	ND		
1,1,1,2-Tetrachloroethane	1.9	10	ND		
m,p-Xylene	3.2	10	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1911084	**Prep Method:**	5035	**Prep Date:**	11/11/19	**Prep Batch:**	1118140
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/11/2019	**Analytical Batch:**	443808
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	1.7	
1,2,4-Trichlorobenzene	1.5	10	1.7	
Naphthalene	1.7	10	2.5	
1,2,3-Trichlorobenzene	1.7	10	2.0	
2-Butanone	2.3	10	ND	
4-Methyl-2-Pentanone	2.0	10	ND	
(S) Dibromofluoromethane			107	
(S) Toluene-d8			101	
(S) 4-Bromofluorobenzene			102	

Work Order:	1911084	**Prep Method:**	5035GRO	**Prep Date:**	11/11/19	**Prep Batch:**	1118141
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/11/2019	**Analytical Batch:**	443808
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	43	100	94	
(S) 4-Bromofluorobenzene			107	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1911084	**Prep Method:**	3546_TPH	**Prep Date:**	11/08/19	**Prep Batch:**	1118078
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	11/9/2019	**Analytical Batch:**	443852
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.85	2.0	1.43	25.0	92.2	86.4	6.71	52 - 115	30	
Pentacosane (S)				200	91.0	95.8		59 - 129		

Work Order:	1911084	**Prep Method:**	7471BP	**Prep Date:**	11/11/19	**Prep Batch:**	1118125
Matrix:	Soil	**Analytical Method:**	SW7471B	**Analyzed Date:**	11/12/2019	**Analytical Batch:**	443836
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	110	111	0.000	80 - 120	30	

Work Order:	1911084	**Prep Method:**	3050B	**Prep Date:**	11/11/19	**Prep Batch:**	1118126
Matrix:	Soil	**Analytical Method:**	SW6010B	**Analyzed Date:**	11/12/2019	**Analytical Batch:**	443807
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	96.8	99.6	2.85	80 - 120	30	
Arsenic	0.15	1.30	ND	50	101	104	2.93	80 - 120	30	
Barium	0.055	5.00	ND	50	101	106	5.04	80 - 120	30	
Beryllium	0.055	5.00	ND	50	100	103	2.57	80 - 120	30	
Cadmium	0.10	5.00	ND	50	96.9	102	5.23	80 - 120	30	
Chromium	0.075	5.00	0.080	50	101	107	6.35	80 - 120	30	
Cobalt	0.070	5.00	ND	50	96.5	102	5.25	80 - 120	30	
Copper	0.20	5.00	0.24	50	105	109	4.12	80 - 120	30	
Lead	0.10	3.00	ND	50	98.4	103	4.76	80 - 120	30	
Molybdenum	0.050	5.00	ND	50	101	106	5.03	80 - 120	30	
Nickel	0.50	5.00	ND	50	96.3	102	5.25	80 - 120	30	
Selenium	0.22	5.00	ND	50	94.7	97.0	2.51	80 - 120	30	
Silver	0.15	5.00	ND	50	97.4	100	3.03	80 - 120	30	
Thallium	0.20	5.00	ND	50	102	106	3.08	80 - 120	30	
Vanadium	0.10	5.00	ND	50	102	108	4.95	80 - 120	30	
Zinc	0.30	5.00	ND	50	94.5	98.8	4.55	80 - 120	30	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1911084	**Prep Method:**	5035	**Prep Date:**	11/11/19	**Prep Batch:**	1118140
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/11/2019	**Analytical Batch:**	443808
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	105	111	5.75	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	101	106	4.44	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	92.5	97.0	4.64	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	95.1	99.7	4.73	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	88.9	95.8	7.36	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	113	115		59.8 - 148		
(S) Toluene-d8				50.0	109	108		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	106	104		55.8 - 141		

Work Order:	1911084	**Prep Method:**	5035GRO	**Prep Date:**	11/11/19	**Prep Batch:**	1118141
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/11/2019	**Analytical Batch:**	443808
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	43	100	94	1000	120	98.1	20.1	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	110	103		43.9 - 127		

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1911084	**Prep Method:**	5035	**Prep Date:**	11/11/19	**Prep Batch:**	1118140
Matrix:	**Soil**	**Analytical Method:**	SW8260B	**Analyzed Date:**	11/11/2019	**Analytical Batch:**	443808
Spiked Sample:	1911084-001A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50	90.2	95.7	6.02	55 - 125	30	
Benzene	2.2	10	ND	50	95.1	99.8	4.92	55 - 125	30	
Trichloroethylene	1.8	10	ND	50	88.6	95.5	7.60	55 - 125	30	
Toluene	1.8	10	ND	50	97.4	100	3.22	55 - 125	30	
Chlorobenzene	1.8	10	ND	50	92.3	95.0	2.77	55 - 125	30	
(S) Dibromofluoromethane				50	101	107		59.8 - 148		
(S) Toluene-d8				50	102	109		55.2 - 133		
(S) 4-Bromofluorobenzene				50	93.0	93.8		55.8 - 141		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Ninyo & Moore

Project Name: Sebastopol Rd, Santa Rosa

Work Order No.: 1911084

Date and Time Received: 11/8/2019 3:00:00PM

Received By: KE

Physically Logged By: Nutan Kabir

Checklist Completed By: Nutan Kabir

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes
Container/Temp Blank temperature in compliance?	Temperature: 6.0 °C
Water-VOA vials have zero headspace?	No VOA vials submitted
Water-pH acceptable upon receipt?	N/A

pH Checked by: na

pH Adjusted by: na

Comments:

Login Summary Report

Client ID: TL5144 Ninyo & Moore

Project Name: Sebastopol Rd, Santa Rosa

Project # :

Report Due Date: 11/15/2019

QC Level: II

TAT Requested: 3 Day Std:3

Date Received: 11/8/2019

Time Received: 3:00 pm

Comments:

Work Order # : ***1911084***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1911084-001A	110519	11/05/19 9:48	Soil	05/03/20			Hg_S_7471B Met_S_6010B CAM17 VOC_S_8260B VOC_S_GRO TPHDO_S_8015(Mod)	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
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Milpitas, CA 95035
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www.torrentlab.com

RESET

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 19108S4

Company Name: Ninyo & Moore	Location of Sampling: Sebastopol Road, Santa Rosa
Address: 2020 Challenger Drive, Suite 103	Purpose:
City: Alameda / State: California / Zip Code: 94501	Special Instructions / Comments:
Telephone: (510) 343 3000 / FAX: (510) 343 3001	
REPORT TO: Helen Hild / SAMPLER: Helen Hild	P.O. #: 403621001 / EMAIL: hhild@ninyoandmoore.com

TURNAROUND TIME:
☐ 10 Work Days ☑ 3 Work Days ☐ Noon - Nxt Day
☐ 7 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours
☐ 5 Work Days ☐ 1 Work Day ☐ Other

SAMPLE TYPE:
☐ Storm Water ☐ Air
☐ Waste Water ☐ Other
☐ Ground Water
☑ Soil

REPORT FORMAT:
☐ QC Level IV
☐ EDF
☑ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPHd/mo	TPHg/VOCs	Title 22 Metals						REMARKS
001(A	110519	11/5/19 0948	Soil	1	16oz	✓	✓	✓						

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		Helen Hild	11/5/19	11:04				
2								

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment _____ Sample seals intact? ☐ Yes ☐ NO ☐ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrange -ments are made.

Page ____ of ____

Log In By: _____ Date: _____ Log In Reviewed By: _____ Date: _____

6 C

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1911459

Report Created for: Ninyo & Moore

2020 Challenger Drive, Suite 103
Alameda, CA 94501

Project Contact: Helen Hild
Project P.O.:
Project: 403621001; CKG Santa Rosa

Project Received: 11/08/2019

Analytical Report reviewed & approved for release on 11/15/2019 by:

Jennifer Lagerbom
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Ninyo & Moore
Project: 403621001; CKG Santa Rosa
WorkOrder: 1911459

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: Ninyo & Moore
Project: 403621001; CKG Santa Rosa
WorkOrder: 1911459

Analytical Qualifiers

B	Analyte detected in the associated Method Blank and in the sample
J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.

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Case Narrative

Client: Ninyo & Moore **Work Order:** 1911459

Project: 403621001; CKG Santa Rosa November 15, 2019

TO-15 ANALYSIS

All summa canisters are EVACUATED 5 days after the reporting of the results. Please call or email if a longer retention time is required.

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Analytical Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Received:	11/8/19 15:10	**Extraction Method:**	ASTM D 1946-90
Date Prepared:	11/11/19	**Analytical Method:**	ASTM D 1946-90
Project:	403621001; CKG Santa Rosa	**Unit:**	%

Atmospheric Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-1	**1911459-001A**	**SoilGas**	**11/08/2019 12:14**	**GC26 1111190109.D**	**188737**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.72	**25.39**	**HK**

Analytes	Result	RL	DF	Date Analyzed
Oxygen	**6.9**	0.40	1	11/11/2019 14:26

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-2	**1911459-002A**	**SoilGas**	**11/08/2019 11:38**	**GC26 1111190111.D**	**188737**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.39	**24.72**	**HK**

Analytes	Result	RL	DF	Date Analyzed
Oxygen	**0.97**	0.40	1	11/11/2019 14:47

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-3	**1911459-003A**	**SoilGas**	**11/08/2019 11:00**	**GC26 1111190113.D**	**188737**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.60	**25.17**	**HK**

Analytes	Result	RL	DF	Date Analyzed
Oxygen	**0.93**	0.40	1	11/11/2019 15:08

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Analytical Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Received:	11/8/19 15:10	**Extraction Method:**	ASTM D 1946-90
Date Prepared:	11/14/19-11/15/19	**Analytical Method:**	ASTM D 1946-90
Project:	403621001; CKG Santa Rosa	**Unit:**	%

Helium

Client ID	Lab ID	Matrix	Date Collected	Instrument		Batch ID
SV-1	**1911459-001A**	**SoilGas**	**11/08/2019 12:14**	**GC26**	**1114190110.D**	**188979**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.72	**25.39**	**HK**

Analytes	Result	RL	DF	Date Analyzed
Helium	**0.55**	0.050	1	11/14/2019 14:53

Client ID	Lab ID	Matrix	Date Collected	Instrument		Batch ID
SV-2	**1911459-002A**	**SoilGas**	**11/08/2019 11:38**	**GC26**	**1114190112.D**	**188979**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.39	**24.72**	**HK**

Analytes	Result	RL	DF	Date Analyzed
Helium	**0.56**	0.050	1	11/14/2019 15:06

Client ID	Lab ID	Matrix	Date Collected	Instrument		Batch ID
SV-3	**1911459-003A**	**SoilGas**	**11/08/2019 11:00**	**GC26**	**1114190122.D**	**188979**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.60	**25.17**	**HK**

Analytes	Result	RL	DF	Date Analyzed
Helium	**1.1**	0.50	10	11/15/2019 09:33

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Analytical Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Received:	11/8/19 15:10	**Extraction Method:**	ASTM D 1946-90
Date Prepared:	11/12/19	**Analytical Method:**	ASTM D 1946-90
Project:	403621001; CKG Santa Rosa	**Unit:**	%

Light Gases

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-1	**1911459-001A**	**SoilGas**	**11/08/2019 12:14**	**GC26 1112190135.D**	**188803**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.72	**25.39**	**HK**

Analytes	Result	RL	DF	Date Analyzed
Methane	ND	0.00020	1	11/12/2019 12:38

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-2	**1911459-002A**	**SoilGas**	**11/08/2019 11:38**	**GC26 1112190137.D**	**188803**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.39	**24.72**	**HK**

Analytes	Result	RL	DF	Date Analyzed
Methane	**0.16**	0.00020	1	11/12/2019 12:59

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-3	**1911459-003A**	**SoilGas**	**11/08/2019 11:00**	**GC26 1112190102.D**	**188803**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.60	**25.17**	**HK**

Analytes	Result	RL	DF	Date Analyzed
Methane	**0.00023**	0.00020	1	11/12/2019 13:20

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Analytical Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Received:	11/8/19 15:10	**Extraction Method:**	TO15
Date Prepared:	11/13/19	**Analytical Method:**	TO15
Project:	403621001; CKG Santa Rosa	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-1	1911459-001A	SoilGas	11/08/2019 12:14	GC24 11121959.D	188885

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.72	25.39	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND		60	1	11/13/2019 12:18
Acrolein	ND		5.8	1	11/13/2019 12:18
Acrylonitrile	ND		1.1	1	11/13/2019 12:18
tert-Amyl methyl ether (TAME)	ND		2.1	1	11/13/2019 12:18
Benzene	ND		1.6	1	11/13/2019 12:18
Benzyl chloride	ND		2.6	1	11/13/2019 12:18
Bromodichloromethane	ND		3.5	1	11/13/2019 12:18
Bromoform	ND		5.2	1	11/13/2019 12:18
Bromomethane	ND		2.0	1	11/13/2019 12:18
1,3-Butadiene	ND		1.1	1	11/13/2019 12:18
2-Butanone (MEK)	ND		75	1	11/13/2019 12:18
t-Butyl alcohol (TBA)	ND		31	1	11/13/2019 12:18
Carbon Disulfide	ND		1.6	1	11/13/2019 12:18
Carbon Tetrachloride	ND		3.2	1	11/13/2019 12:18
Chlorobenzene	ND		2.4	1	11/13/2019 12:18
Chloroethane	ND		1.3	1	11/13/2019 12:18
Chloroform	ND		2.4	1	11/13/2019 12:18
Chloromethane	ND		1.0	1	11/13/2019 12:18
Cyclohexane	ND		18	1	11/13/2019 12:18
Dibromochloromethane	ND		4.4	1	11/13/2019 12:18
1,2-Dibromo-3-chloropropane	ND		0.12	1	11/13/2019 12:18
1,2-Dibromoethane (EDB)	ND		3.9	1	11/13/2019 12:18
1,2-Dichlorobenzene	ND		3.0	1	11/13/2019 12:18
1,3-Dichlorobenzene	ND		3.0	1	11/13/2019 12:18
1,4-Dichlorobenzene	ND		3.0	1	11/13/2019 12:18
Dichlorodifluoromethane	ND		2.5	1	11/13/2019 12:18
1,1-Dichloroethane	ND		2.0	1	11/13/2019 12:18
1,2-Dichloroethane (1,2-DCA)	ND		2.0	1	11/13/2019 12:18
1,1-Dichloroethene	ND		2.0	1	11/13/2019 12:18
cis-1,2-Dichloroethene	ND		2.0	1	11/13/2019 12:18
trans-1,2-Dichloroethene	ND		2.0	1	11/13/2019 12:18
1,2-Dichloropropane	ND		2.4	1	11/13/2019 12:18
cis-1,3-Dichloropropene	ND		2.3	1	11/13/2019 12:18

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Analytical Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Received:	11/8/19 15:10	**Extraction Method:**	TO15
Date Prepared:	11/13/19	**Analytical Method:**	TO15
Project:	403621001; CKG Santa Rosa	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-1	1911459-001A	SoilGas	11/08/2019 12:14	GC24 11121959.D	188885

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.72	25.39	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
trans-1,3-Dichloropropene	ND		2.3	1	11/13/2019 12:18
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		3.6	1	11/13/2019 12:18
Diisopropyl ether (DIPE)	ND		2.1	1	11/13/2019 12:18
1,4-Dioxane	ND		1.8	1	11/13/2019 12:18
Ethanol	ND		96	1	11/13/2019 12:18
Ethyl acetate	ND		1.8	1	11/13/2019 12:18
Ethyl tert-butyl ether (ETBE)	ND		2.1	1	11/13/2019 12:18
Ethylbenzene	**2.8**		2.2	1	11/13/2019 12:18
4-Ethyltoluene	ND		2.5	1	11/13/2019 12:18
Freon 113	ND		3.9	1	11/13/2019 12:18
Heptane	ND		21	1	11/13/2019 12:18
Hexachlorobutadiene	ND		5.4	1	11/13/2019 12:18
Hexane	ND		18	1	11/13/2019 12:18
2-Hexanone	ND		2.1	1	11/13/2019 12:18
4-Methyl-2-pentanone (MIBK)	ND		2.1	1	11/13/2019 12:18
Methyl-t-butyl ether (MTBE)	ND		1.8	1	11/13/2019 12:18
Methylene chloride	ND		8.8	1	11/13/2019 12:18
Methyl methacrylate	ND		2.1	1	11/13/2019 12:18
Naphthalene	ND		5.3	1	11/13/2019 12:18
Styrene	ND		2.2	1	11/13/2019 12:18
1,1,1,2-Tetrachloroethane	ND		3.5	1	11/13/2019 12:18
1,1,2,2-Tetrachloroethane	ND		3.5	1	11/13/2019 12:18
Tetrachloroethene	**40**		3.4	1	11/13/2019 12:18
Tetrahydrofuran	ND		3.0	1	11/13/2019 12:18
Toluene	**9.8**	B	1.9	1	11/13/2019 12:18
1,2,4-Trichlorobenzene	ND		3.8	1	11/13/2019 12:18
1,1,1-Trichloroethane	ND		2.8	1	11/13/2019 12:18
1,1,2-Trichloroethane	ND		2.8	1	11/13/2019 12:18
Trichloroethene	ND		2.8	1	11/13/2019 12:18
Trichlorofluoromethane	ND		2.8	1	11/13/2019 12:18
1,2,4-Trimethylbenzene	**4.4**		2.5	1	11/13/2019 12:18
1,3,5-Trimethylbenzene	ND		2.5	1	11/13/2019 12:18
Vinyl Acetate	ND		18	1	11/13/2019 12:18

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Analytical Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Received:	11/8/19 15:10	**Extraction Method:**	TO15
Date Prepared:	11/13/19	**Analytical Method:**	TO15
Project:	403621001; CKG Santa Rosa	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-1	**1911459-001A**	**SoilGas**	**11/08/2019 12:14**	**GC24 11121959.D**	**188885**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.72	**25.39**	**HK**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Vinyl Chloride	ND		1.3	1	11/13/2019 12:18
m,p-Xylene	**12**		4.4	1	11/13/2019 12:18
o-Xylene	**4.0**		2.2	1	11/13/2019 12:18
Xylenes, Total	**16**		2.2	1	11/13/2019 12:18
1,3-Dichloropropene, Total	ND		2.3	1	11/13/2019 12:18

Surrogates	REC (%)	Limits	
1,2-DCA-d4	94	70-130	11/13/2019 12:18
Toluene-d8	99	70-130	11/13/2019 12:18
4-BFB	95	70-130	11/13/2019 12:18

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Analytical Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Received:	11/8/19 15:10	**Extraction Method:**	TO15
Date Prepared:	11/13/19	**Analytical Method:**	TO15
Project:	403621001; CKG Santa Rosa	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-2	1911459-002A	SoilGas	11/08/2019 11:38	GC24 11121960.D	188885

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.39	24.72	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND		60	1	11/13/2019 12:59
Acrolein	ND		5.8	1	11/13/2019 12:59
Acrylonitrile	ND		1.1	1	11/13/2019 12:59
tert-Amyl methyl ether (TAME)	ND		2.1	1	11/13/2019 12:59
Benzene	**9.6**		1.6	1	11/13/2019 12:59
Benzyl chloride	ND		2.6	1	11/13/2019 12:59
Bromodichloromethane	ND		3.5	1	11/13/2019 12:59
Bromoform	ND		5.2	1	11/13/2019 12:59
Bromomethane	ND		2.0	1	11/13/2019 12:59
1,3-Butadiene	ND		1.1	1	11/13/2019 12:59
2-Butanone (MEK)	ND		75	1	11/13/2019 12:59
t-Butyl alcohol (TBA)	**45**		31	1	11/13/2019 12:59
Carbon Disulfide	**25**		1.6	1	11/13/2019 12:59
Carbon Tetrachloride	ND		3.2	1	11/13/2019 12:59
Chlorobenzene	ND		2.4	1	11/13/2019 12:59
Chloroethane	ND		1.3	1	11/13/2019 12:59
Chloroform	**14**		2.4	1	11/13/2019 12:59
Chloromethane	ND		1.0	1	11/13/2019 12:59
Cyclohexane	**89**		18	1	11/13/2019 12:59
Dibromochloromethane	ND		4.4	1	11/13/2019 12:59
1,2-Dibromo-3-chloropropane	ND		0.12	1	11/13/2019 12:59
1,2-Dibromoethane (EDB)	ND		3.9	1	11/13/2019 12:59
1,2-Dichlorobenzene	ND		3.0	1	11/13/2019 12:59
1,3-Dichlorobenzene	ND		3.0	1	11/13/2019 12:59
1,4-Dichlorobenzene	ND		3.0	1	11/13/2019 12:59
Dichlorodifluoromethane	ND		2.5	1	11/13/2019 12:59
1,1-Dichloroethane	**3.7**		2.0	1	11/13/2019 12:59
1,2-Dichloroethane (1,2-DCA)	ND		2.0	1	11/13/2019 12:59
1,1-Dichloroethene	ND		2.0	1	11/13/2019 12:59
cis-1,2-Dichloroethene	**33**		2.0	1	11/13/2019 12:59
trans-1,2-Dichloroethene	**2.5**		2.0	1	11/13/2019 12:59
1,2-Dichloropropane	ND		2.4	1	11/13/2019 12:59
cis-1,3-Dichloropropene	ND		2.3	1	11/13/2019 12:59

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Analytical Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Received:	11/8/19 15:10	**Extraction Method:**	TO15
Date Prepared:	11/13/19	**Analytical Method:**	TO15
Project:	403621001; CKG Santa Rosa	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-2	1911459-002A	SoilGas	11/08/2019 11:38	GC24 11121960.D	188885

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.39	24.72	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
trans-1,3-Dichloropropene	ND		2.3	1	11/13/2019 12:59
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		3.6	1	11/13/2019 12:59
Diisopropyl ether (DIPE)	ND		2.1	1	11/13/2019 12:59
1,4-Dioxane	ND		1.8	1	11/13/2019 12:59
Ethanol	ND		96	1	11/13/2019 12:59
Ethyl acetate	**2.6**		1.8	1	11/13/2019 12:59
Ethyl tert-butyl ether (ETBE)	ND		2.1	1	11/13/2019 12:59
Ethylbenzene	**12**		2.2	1	11/13/2019 12:59
4-Ethyltoluene	**10**		2.5	1	11/13/2019 12:59
Freon 113	ND		3.9	1	11/13/2019 12:59
Heptane	**47**		21	1	11/13/2019 12:59
Hexachlorobutadiene	ND		5.4	1	11/13/2019 12:59
Hexane	**32**		18	1	11/13/2019 12:59
2-Hexanone	ND		2.1	1	11/13/2019 12:59
4-Methyl-2-pentanone (MIBK)	**4.5**		2.1	1	11/13/2019 12:59
Methyl-t-butyl ether (MTBE)	ND		1.8	1	11/13/2019 12:59
Methylene chloride	ND		8.8	1	11/13/2019 12:59
Methyl methacrylate	ND		2.1	1	11/13/2019 12:59
Naphthalene	ND		5.3	1	11/13/2019 12:59
Styrene	ND		2.2	1	11/13/2019 12:59
1,1,1,2-Tetrachloroethane	ND		3.5	1	11/13/2019 12:59
1,1,2,2-Tetrachloroethane	ND		3.5	1	11/13/2019 12:59
Tetrachloroethene	**46**		3.4	1	11/13/2019 12:59
Tetrahydrofuran	ND		3.0	1	11/13/2019 12:59
Toluene	**32**	B	1.9	1	11/13/2019 12:59
1,2,4-Trichlorobenzene	ND		3.8	1	11/13/2019 12:59
1,1,1-Trichloroethane	**3.2**		2.8	1	11/13/2019 12:59
1,1,2-Trichloroethane	ND		2.8	1	11/13/2019 12:59
Trichloroethene	**5.4**	B	2.8	1	11/13/2019 12:59
Trichlorofluoromethane	ND		2.8	1	11/13/2019 12:59
1,2,4-Trimethylbenzene	**26**		2.5	1	11/13/2019 12:59
1,3,5-Trimethylbenzene	**17**		2.5	1	11/13/2019 12:59
Vinyl Acetate	ND		18	1	11/13/2019 12:59

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Analytical Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Received:	11/8/19 15:10	**Extraction Method:**	TO15
Date Prepared:	11/13/19	**Analytical Method:**	TO15
Project:	403621001; CKG Santa Rosa	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-2	**1911459-002A**	**SoilGas**	**11/08/2019 11:38**	**GC24 11121960.D**	**188885**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.39	**24.72**	**HK**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Vinyl Chloride	ND		1.3	1	11/13/2019 12:59
m,p-Xylene	**110**		4.4	1	11/13/2019 12:59
o-Xylene	**25**		2.2	1	11/13/2019 12:59
Xylenes, Total	**140**		2.2	1	11/13/2019 12:59
1,3-Dichloropropene, Total	ND		2.3	1	11/13/2019 12:59

Surrogates	REC (%)	Limits	
1,2-DCA-d4	95	70-130	11/13/2019 12:59
Toluene-d8	101	70-130	11/13/2019 12:59
4-BFB	100	70-130	11/13/2019 12:59

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Analytical Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Received:	11/8/19 15:10	**Extraction Method:**	TO15
Date Prepared:	11/13/19	**Analytical Method:**	TO15
Project:	403621001; CKG Santa Rosa	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-3	1911459-003A	SoilGas	11/08/2019 11:00	GC24 11121963.D	188885

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.60	25.17	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND		60	1	11/13/2019 15:29
Acrolein	ND		5.8	1	11/13/2019 15:29
Acrylonitrile	ND		1.1	1	11/13/2019 15:29
tert-Amyl methyl ether (TAME)	ND		2.1	1	11/13/2019 15:29
Benzene	ND		1.6	1	11/13/2019 15:29
Benzyl chloride	ND		2.6	1	11/13/2019 15:29
Bromodichloromethane	ND		3.5	1	11/13/2019 15:29
Bromoform	ND		5.2	1	11/13/2019 15:29
Bromomethane	ND		2.0	1	11/13/2019 15:29
1,3-Butadiene	ND		1.1	1	11/13/2019 15:29
2-Butanone (MEK)	ND		75	1	11/13/2019 15:29
t-Butyl alcohol (TBA)	ND		31	1	11/13/2019 15:29
Carbon Disulfide	ND		1.6	1	11/13/2019 15:29
Carbon Tetrachloride	ND		3.2	1	11/13/2019 15:29
Chlorobenzene	ND		2.4	1	11/13/2019 15:29
Chloroethane	ND		1.3	1	11/13/2019 15:29
Chloroform	ND		2.4	1	11/13/2019 15:29
Chloromethane	ND		1.0	1	11/13/2019 15:29
Cyclohexane	ND		18	1	11/13/2019 15:29
Dibromochloromethane	ND		4.4	1	11/13/2019 15:29
1,2-Dibromo-3-chloropropane	ND		0.12	1	11/13/2019 15:29
1,2-Dibromoethane (EDB)	ND		3.9	1	11/13/2019 15:29
1,2-Dichlorobenzene	ND		3.0	1	11/13/2019 15:29
1,3-Dichlorobenzene	ND		3.0	1	11/13/2019 15:29
1,4-Dichlorobenzene	ND		3.0	1	11/13/2019 15:29
Dichlorodifluoromethane	**7.2**		2.5	1	11/13/2019 15:29
1,1-Dichloroethane	ND		2.0	1	11/13/2019 15:29
1,2-Dichloroethane (1,2-DCA)	ND		2.0	1	11/13/2019 15:29
1,1-Dichloroethene	ND		2.0	1	11/13/2019 15:29
cis-1,2-Dichloroethene	ND		2.0	1	11/13/2019 15:29
trans-1,2-Dichloroethene	ND		2.0	1	11/13/2019 15:29
1,2-Dichloropropane	ND		2.4	1	11/13/2019 15:29
cis-1,3-Dichloropropene	ND		2.3	1	11/13/2019 15:29

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Analytical Report

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Date Received:	11/8/19 15:10	**Extraction Method:**	TO15
Date Prepared:	11/13/19	**Analytical Method:**	TO15
Project:	403621001; CKG Santa Rosa	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-3	1911459-003A	SoilGas	11/08/2019 11:00	GC24 11121963.D	188885

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.60	25.17	HK

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
trans-1,3-Dichloropropene	ND		2.3	1	11/13/2019 15:29
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		3.6	1	11/13/2019 15:29
Diisopropyl ether (DIPE)	ND		2.1	1	11/13/2019 15:29
1,4-Dioxane	ND		1.8	1	11/13/2019 15:29
Ethanol	ND		96	1	11/13/2019 15:29
Ethyl acetate	ND		1.8	1	11/13/2019 15:29
Ethyl tert-butyl ether (ETBE)	ND		2.1	1	11/13/2019 15:29
Ethylbenzene	**5.4**		2.2	1	11/13/2019 15:29
4-Ethyltoluene	ND		2.5	1	11/13/2019 15:29
Freon 113	ND		3.9	1	11/13/2019 15:29
Heptane	ND		21	1	11/13/2019 15:29
Hexachlorobutadiene	ND		5.4	1	11/13/2019 15:29
Hexane	ND		18	1	11/13/2019 15:29
2-Hexanone	ND		2.1	1	11/13/2019 15:29
4-Methyl-2-pentanone (MIBK)	ND		2.1	1	11/13/2019 15:29
Methyl-t-butyl ether (MTBE)	ND		1.8	1	11/13/2019 15:29
Methylene chloride	ND		8.8	1	11/13/2019 15:29
Methyl methacrylate	ND		2.1	1	11/13/2019 15:29
Naphthalene	ND		5.3	1	11/13/2019 15:29
Styrene	ND		2.2	1	11/13/2019 15:29
1,1,1,2-Tetrachloroethane	ND		3.5	1	11/13/2019 15:29
1,1,2,2-Tetrachloroethane	ND		3.5	1	11/13/2019 15:29
Tetrachloroethene	**8.7**		3.4	1	11/13/2019 15:29
Tetrahydrofuran	ND		3.0	1	11/13/2019 15:29
Toluene	**9.5**	B	1.9	1	11/13/2019 15:29
1,2,4-Trichlorobenzene	ND		3.8	1	11/13/2019 15:29
1,1,1-Trichloroethane	ND		2.8	1	11/13/2019 15:29
1,1,2-Trichloroethane	ND		2.8	1	11/13/2019 15:29
Trichloroethene	ND		2.8	1	11/13/2019 15:29
Trichlorofluoromethane	ND		2.8	1	11/13/2019 15:29
1,2,4-Trimethylbenzene	**6.4**		2.5	1	11/13/2019 15:29
1,3,5-Trimethylbenzene	**2.7**		2.5	1	11/13/2019 15:29
Vinyl Acetate	ND		18	1	11/13/2019 15:29

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Analytical Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Received:	11/8/19 15:10	**Extraction Method:**	TO15
Date Prepared:	11/13/19	**Analytical Method:**	TO15
Project:	403621001; CKG Santa Rosa	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-3	**1911459-003A**	**SoilGas**	**11/08/2019 11:00**	**GC24 11121963.D**	**188885**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.60	**25.17**	**HK**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Vinyl Chloride	ND		1.3	1	11/13/2019 15:29
m,p-Xylene	**29**		4.4	1	11/13/2019 15:29
o-Xylene	**9.2**		2.2	1	11/13/2019 15:29
Xylenes, Total	**38**		2.2	1	11/13/2019 15:29
1,3-Dichloropropene, Total	ND		2.3	1	11/13/2019 15:29

Surrogates	REC (%)	Limits	
1,2-DCA-d4	93	70-130	11/13/2019 15:29
Toluene-d8	103	70-130	11/13/2019 15:29
4-BFB	96	70-130	11/13/2019 15:29

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Quality Control Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Prepared:	11/11/19	**BatchID:**	188737
Date Analyzed:	11/11/19	**Extraction Method:**	ASTM D 1946-90
Instrument:	GC26	**Analytical Method:**	ASTM D 1946-90
Matrix:	SoilGas	**Unit:**	%
Project:	403621001; CKG Santa Rosa	**Sample ID:**	MB/LCS/LCSD-188737

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Oxygen	ND	0.014	0.20	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Oxygen	2.0	1.9	2.1	94	92	70-130	2.68	20

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Quality Control Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Prepared:	11/14/19	**BatchID:**	188979
Date Analyzed:	11/14/19	**Extraction Method:**	ASTM D 1946-90
Instrument:	GC26	**Analytical Method:**	ASTM D 1946-90
Matrix:	Soilgas	**Unit:**	%
Project:	403621001; CKG Santa Rosa	**Sample ID:**	MB/LCS/LCSD-188979

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Helium	ND	0.025	0.025	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Helium	0.099	0.098	0.10	99	98	60-140	1.18	20

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Quality Control Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Prepared:	11/12/19	**BatchID:**	188803
Date Analyzed:	11/12/19	**Extraction Method:**	ASTM D 1946-90
Instrument:	GC26	**Analytical Method:**	ASTM D 1946-90
Matrix:	SoilGas	**Unit:**	%
Project:	403621001; CKG Santa Rosa	**Sample ID:**	MB/LCS/LCSD-188803

QC Summary Report for ASTM D1946-90

Analyte	MB Result	MDL	RL			
Methane	ND	0.000030	0.00010	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Methane	0.0084	0.0083	0.010	84	83	70-130	0.557	20

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Quality Control Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Prepared:	11/13/19	**BatchID:**	188885
Date Analyzed:	11/13/19	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	403621001; CKG Santa Rosa	**Sample ID:**	MB/LCS/LCSD-188885

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	2.6	30	-	-	-
Acrolein	ND	0.28	2.9	-	-	-
Acrylonitrile	ND	0.14	0.55	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.55	1.0	-	-	-
Benzene	ND	0.16	0.80	-	-	-
Benzyl chloride	ND	0.15	1.3	-	-	-
Bromodichloromethane	ND	0.0095	1.8	-	-	-
Bromoform	ND	0.43	2.6	-	-	-
Bromomethane	ND	0.40	1.0	-	-	-
1,3-Butadiene	ND	0.12	0.55	-	-	-
2-Butanone (MEK)	ND	2.6	38	-	-	-
t-Butyl alcohol (TBA)	ND	14	16	-	-	-
Carbon Disulfide	ND	0.11	0.80	-	-	-
Carbon Tetrachloride	ND	0.0065	1.6	-	-	-
Chlorobenzene	ND	0.16	1.2	-	-	-
Chloroethane	ND	0.24	0.65	-	-	-
Chloroform	ND	0.0095	1.2	-	-	-
Chloromethane	ND	0.065	0.50	-	-	-
Cyclohexane	ND	0.35	9.0	-	-	-
Dibromochloromethane	ND	0.012	2.2	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.018	0.060	-	-	-
1,2-Dibromoethane (EDB)	ND	0.26	2.0	-	-	-
1,2-Dichlorobenzene	ND	0.25	1.5	-	-	-
1,3-Dichlorobenzene	ND	0.25	1.5	-	-	-
1,4-Dichlorobenzene	ND	0.20	1.5	-	-	-
Dichlorodifluoromethane	ND	0.12	1.2	-	-	-
1,1-Dichloroethane	ND	0.36	1.0	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.080	1.0	-	-	-
1,1-Dichloroethene	ND	0.19	1.0	-	-	-
cis-1,2-Dichloroethene	ND	0.15	1.0	-	-	-
trans-1,2-Dichloroethene	ND	0.15	1.0	-	-	-
1,2-Dichloropropane	ND	0.0085	1.2	-	-	-
cis-1,3-Dichloropropene	ND	0.011	1.2	-	-	-
trans-1,3-Dichloropropene	ND	0.23	1.2	-	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.8	1.8	-	-	-
Diisopropyl ether (DIPE)	ND	0.085	1.0	-	-	-
1,4-Dioxane	ND	0.15	0.90	-	-	-
Ethanol	ND	2.9	48	-	-	-

(Cont.)

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Quality Control Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Prepared:	11/13/19	**BatchID:**	188885
Date Analyzed:	11/13/19	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	403621001; CKG Santa Rosa	**Sample ID:**	MB/LCS/LCSD-188885

QC Summary Report for TO15

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Ethyl acetate	ND	0.11	0.90	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.34	1.0	-	-	-
Ethylbenzene	ND	0.13	1.1	-	-	-
4-Ethyltoluene	ND	0.090	1.2	-	-	-
Freon 113	ND	0.30	2.0	-	-	-
Heptane	ND	0.075	10	-	-	-
Hexachlorobutadiene	ND	0.19	2.7	-	-	-
Hexane	ND	0.12	9.0	-	-	-
2-Hexanone	ND	0.21	1.0	-	-	-
Isopropyl Alcohol	ND	2.9	25	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.10	1.0	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.21	0.90	-	-	-
Methylene chloride	ND	0.34	4.4	-	-	-
Methyl methacrylate	ND	0.10	1.0	-	-	-
Naphthalene	ND	0.30	2.6	-	-	-
Styrene	ND	0.11	1.1	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0050	1.8	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.016	1.8	-	-	-
Tetrachloroethene	ND	0.0095	1.7	-	-	-
Tetrahydrofuran	ND	0.080	1.5	-	-	-
Toluene	0.49,J	0.12	0.95	-	-	-
1,2,4-Trichlorobenzene	ND	0.25	1.9	-	-	-
1,1,1-Trichloroethane	ND	0.25	1.4	-	-	-
1,1,2-Trichloroethane	ND	0.0070	1.4	-	-	-
Trichloroethene	0.072,J	0.014	1.4	-	-	-
Trichlorofluoromethane	ND	0.21	1.4	-	-	-
1,2,4-Trimethylbenzene	ND	1.2	1.2	-	-	-
1,3,5-Trimethylbenzene	ND	0.15	1.2	-	-	-
Vinyl Acetate	ND	0.30	9.0	-	-	-
Vinyl Chloride	ND	0.090	0.65	-	-	-
m,p-Xylene	ND	0.13	2.2	-	-	-
o-Xylene	ND	0.090	1.1	-	-	-
Surrogate Recovery						
1,2-DCA-d4	470			500	93	70-130
Toluene-d8	500			500	101	70-130
4-BFB	480			500	96	70-130

(Cont.)

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Quality Control Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Prepared:	11/13/19	**BatchID:**	188885
Date Analyzed:	11/13/19	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	403621001; CKG Santa Rosa	**Sample ID:**	MB/LCS/LCSD-188885

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	6.0	6.4	6	99	107	60-140	7.72	30
Acrolein	4.2	4.7	5.8	72	81	60-140	12.1	30
Acrylonitrile	4.2	4.8	5.5	77	88	60-140	13.4	30
tert-Amyl methyl ether (TAME)	8.9	9.8	10.5	85	93	60-140	9.66	30
Benzene	6.3	6.8	8	79	85	60-140	8.19	30
Benzyl chloride	8.3	9.1	13.3	63	69	60-140	8.95	30
Bromodichloromethane	16	17	17.5	90	95	60-140	4.70	30
Bromoform	23	25	26.3	87	95	60-140	8.59	30
Bromomethane	8.7	9.8	9.8	89	100	60-140	11.4	30
1,3-Butadiene	3.8	4.2	5.5	68	76	60-140	10.7	30
2-Butanone (MEK)	6.2	6.9	7.5	83	92	60-140	10.7	30
t-Butyl alcohol (TBA)	5.8	6.4	7.8	75	83	60-140	10.2	30
Carbon Disulfide	4.9	5.4	8	61	67	60-140	9.91	30
Carbon Tetrachloride	16	17	16	98	106	60-140	7.93	30
Chlorobenzene	11	13	11.8	97	106	60-140	9.38	30
Chloroethane	5.8	6.2	6.8	85	91	60-140	6.67	30
Chloroform	11	12	12.3	89	98	60-140	9.71	30
Chloromethane	4.0	4.5	5.3	76	84	60-140	10.2	30
Cyclohexane	7.5	8.3	8.8	85	95	60-140	10.4	30
Dibromochloromethane	21	23	21.8	97	105	60-140	7.86	30
1,2-Dibromo-3-chloropropane	24	26	24.5	97	106	60-140	9.04	30
1,2-Dibromoethane (EDB)	20	21	19.5	100	109	60-140	7.81	30
1,2-Dichlorobenzene	14	15	15.3	90	98	60-140	9.32	30
1,3-Dichlorobenzene	14	15	15.3	93	100	60-140	7.35	30
1,4-Dichlorobenzene	16	18	15.3	108	117	60-140	7.90	30
Dichlorodifluoromethane	11	12	12.5	90	98	60-140	8.19	30
1,1-Dichloroethane	8.8	9.6	10.3	85	93	60-140	8.95	30
1,2-Dichloroethane (1,2-DCA)	8.2	9.0	10.3	80	87	60-140	8.76	30
1,1-Dichloroethene	8.2	9.0	10	82	90	60-140	9.52	30
cis-1,2-Dichloroethene	8.7	9.6	10	87	96	60-140	9.15	30
trans-1,2-Dichloroethene	8.6	9.7	10	86	97	60-140	11.6	30
1,2-Dichloropropane	9.1	9.9	11.8	77	84	60-140	7.61	30
cis-1,3-Dichloropropene	9.8	11	11.5	85	93	60-140	8.29	30
trans-1,3-Dichloropropene	9.3	10	11.5	81	88	60-140	8.25	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane	16	17	17.8	90	97	60-140	7.79	30
Diisopropyl ether (DIPE)	8.5	9.3	10.5	81	89	60-140	8.71	30
1,4-Dioxane	8.6	9.5	9.3	93	102	60-140	9.48	30
Ethanol	3.7	4.3	4.8	77	89	60-140	14.9	30

(Cont.)

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Quality Control Report

Client:	Ninyo & Moore	**WorkOrder:**	1911459
Date Prepared:	11/13/19	**BatchID:**	188885
Date Analyzed:	11/13/19	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	SoilGas	**Unit:**	µg/m³
Project:	403621001; CKG Santa Rosa	**Sample ID:**	MB/LCS/LCSD-188885

QC Summary Report for TO15

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ethyl acetate	7.5	8.2	9.3	80	89	60-140	10.1	30
Ethyl tert-butyl ether (ETBE)	8.9	9.7	10.5	85	93	60-140	8.71	30
Ethylbenzene	9.9	11	11	90	98	60-140	8.59	30
4-Ethyltoluene	12	13	12.5	95	101	60-140	6.11	30
Freon 113	18	20	19.5	91	101	60-140	10.8	30
Heptane	8.7	9.6	10.5	83	91	60-140	9.00	30
Hexachlorobutadiene	27	29	27	100	108	60-140	7.90	30
Hexane	8.0	8.9	9	89	99	60-140	11.0	30
2-Hexanone	8.5	9.3	10.5	81	89	60-140	9.20	30
Isopropyl Alcohol	4.7	5.3	6.3	74	84	60-140	12.1	30
4-Methyl-2-pentanone (MIBK)	8.7	9.5	10.5	83	91	60-140	8.51	30
Methyl-t-butyl ether (MTBE)	7.6	8.5	9.3	82	91	60-140	10.4	30
Methylene chloride	7.9	8.7	8.8	90	99	60-140	9.70	30
Methyl methacrylate	8.7	9.4	10.4	83	90	60-140	7.92	30
Naphthalene	14	15	13.25	103	114	60-140	9.82	30
Styrene	9.0	10	10.8	84	92	60-140	10.0	30
1,1,1,2-Tetrachloroethane	19	21	17.5	108	118	60-140	8.17	30
1,1,2,2-Tetrachloroethane	16	18	17.5	94	101	60-140	7.35	30
Tetrachloroethene	19	20	17.2	109	119	60-140	8.87	30
Tetrahydrofuran	5.5	6.0	7.5	74	81	60-140	8.61	30
Toluene	8.9	9.5	9.5	93	100	60-140	7.01	30
1,2,4-Trichlorobenzene	18	20	18.8	96	105	60-140	8.94	30
1,1,1-Trichloroethane	13	14	13.8	92	100	60-140	8.59	30
1,1,2-Trichloroethane	13	14	13.8	96	104	60-140	8.28	30
Trichloroethene	13	14	13.8	97	104	60-140	7.45	30
Trichlorofluoromethane	14	15	14.3	95	105	60-140	9.42	30
1,2,4-Trimethylbenzene	12	13	12.5	98	106	60-140	8.35	30
1,3,5-Trimethylbenzene	13	14	12.5	103	110	60-140	6.80	30
Vinyl Acetate	6.7	7.3	9	75	81	60-140	8.53	30
Vinyl Chloride	4.2	4.8	6.5	65	74	60-140	12.6	30
m,p-Xylene	20	21	22	90	97	60-140	7.84	30
o-Xylene	9.9	11	11	90	99	60-140	9.09	30
Surrogate Recovery								
1,2-DCA-d4	500	500	500	99	99	70-130	0	30
Toluene-d8	480	480	500	96	96	70-130	0	30
4-BFB	490	480	500	98	97	70-130	1.31	30

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1911459 **ClientCode: NMO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☑ Detection Summary ☑ Dry-Weight

Report to:
Helen Hild
Ninyo & Moore
2020 Challenger Drive, Suite 103
Alameda, CA 94501
(510) 343-3000 FAX: (510) 633-5646

Email: hhild@ninyoandmoore.com
cc/3rd Party: fmcfarland@ninyoandmoore.com;
PO:
Project: 403621001; CKG Santa Rosa

Bill to:
Accounts Payable
Ninyo & Moore
2020 Challenger Drive, Suite 103
Alameda, CA 94501
nmaccountspayable@ninyoandmoore.c

Requested TAT: 5 days;

Date Received: **11/08/2019**
Date Logged: **11/08/2019**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1911459-001	SV-1	SoilGas	11/8/2019 12:14	☐	A	A	A	A								
1911459-002	SV-2	SoilGas	11/8/2019 11:38	☐	A	A	A	A								
1911459-003	SV-3	SoilGas	11/8/2019 11:00	☐	A	A	A	A								

Test Legend:

1	ATMOSPHERICGAS_SG(%)	2	HELIUM_LC_SOILGAS(%)	3	LG_SUMMA_SOILGAS(%)	4	TO15_Scan-SIM_SOIL(UG/M3) [N]
5		6		7		8	
9		10		11		12	

Project Manager: Jennifer Lagerbom

Prepared by: Kena Ponce

The following SampIDs: 001A, 002A, 003A contain testgroup TO15He_O2_CO2_Ch4_SG.

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: NINYO & MOORE
Client Contact: Helen Hild
Contact's Email: hhild@ninyoandmoore.com

Project: 403621001; CKG Santa Rosa
Comments

Work Order: 1911459
QC Level: LEVEL 2
Date Logged: 11/8/2019

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1911459-001A	SV-1	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	11/8/2019 12:14	5 days		☐	
1911459-002A	SV-2	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	11/8/2019 11:38	5 days		☐	
1911459-003A	SV-3	SoilGas	TO15 w/ Helium, O2, CO2 and Methane	1	1L Summa	☐	11/8/2019 11:00	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

Summa COC

MAI Work Order # 19 11459

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CHAIN OF CUSTODY RECORD

Turn Around Time:	1 Day Rush		2 Day Rush		3 Day Rush		STD	●	Quote #						
J-Flag / MDL		ESL		Cleanup Approved					Bottle Order #						
Delivery Format:	PDF		GeoTracker EDF		EDD		Write On (DW)		EQuIS						

Report To: Helen Hild Bill To: 403621001

Company: Ninyo & Moore

Email: hhild@ninyoandmoore.com

Alt Email: fmcfarland@ninyoandmoore.com Tele: 510 343-3000

Project Name: CKG Santa Rosa Project#: 403621001

Project Location: Santa Rosa PO #

Sampler Signature: Forrest McFarland

Analysis Requested

Helium Shroud SN#

Leak Check Default is IPA

Notes: Please specify units if different than default: VOCs is reported in $\mu g/m^3$, fixed is reported in %.

SAMPLE ID Location / Field Point	Sampling Start Date	Sampling Start Time	End Time	Canister SN#	Sample Kit / Manifold #	VOCs TO-15 ($\mu g/m^3$) - See Notes	8010 by TO-15 ($\mu g/m^3$)	TPH(g) ($\mu g/m^3$)	LEED: (inc. 4PCH, Formaldehyde, CO, Total VOCs)	Fixed Gas (CO2, Methane, Ethane, Ethylene, Acetylene, Propane, CO) %	Fixed Gas (O_2, N_2) %	APH: Aliphatic and/or Aromatic (circle one) $\mu g/m^3$	Helium Leak Check %	Leak Check (IPA, Norflorane, 1,1-difluoroethane) $\mu g/m^3$			Matrix: Soilgas	Matrix: Indoor Air	Matrix:	Canister Pressure / Vacuum: Initial	Canister Pressure / Vacuum: Final
SV-1	11/8/19	1208	1214	R1963-1597	316-1348	●				●	+		●				●			-30	-5
SV-2	11/8/19	1132	1138	6421-852	345-768	●				●	+		●				●			-29	-5
SV-3	11/8/19	1057	1100	7509-857	316-1375	●				●	+		●				●			-29	-5

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time	Comments / Instructions
Forrest McFarland / Ninyo + Moore	11/8/19	1510		11/8/19	1510	Fixed gases: methane, oxygen, and helium

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	**Ninyo & Moore**	Date and Time Received	**11/8/2019 15:10**
Project:	**403621001; CKG Santa Rosa**	Date Logged:	**11/8/2019**
		Received by:	Lilly Ortiz
WorkOrder №:	**1911459** Matrix: SoilGas	Logged by:	Kena Ponce
Carrier:	Client Drop-In		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐	
Chain of custody signed when relinquished and received?	Yes	☑	No	☐	
Chain of custody agrees with sample labels?	Yes	☑	No	☐	
Sample IDs noted by Client on COC?	Yes	☑	No	☐	
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐	
Sampler's name noted on COC?	Yes	☑	No	☐	
COC agrees with Quote?	Yes	☐	No	☐	NA ☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA ☑
Shipping container/cooler in good condition?	Yes	☑	No	☐	
Samples in proper containers/bottles?	Yes	☑	No	☐	
Sample containers intact?	Yes	☑	No	☐	
Sufficient sample volume for indicated test?	Yes	☑	No	☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA ☐
Samples Received on Ice?	Yes	☐	No	☑	
Sample/Temp Blank temperature	Temp:				NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No	☐	NA ☑
Sample labels checked for correct preservation?	Yes	☑	No	☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA ☑
UCMR Samples:					
pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes	☐	No	☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes	☐	No	☐	NA ☑

Comments

Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

2020 Challenger Drive, Suite 103 | Alameda, California 94501 | p. 510.343.3000

ARIZONA | CALIFORNIA | COLORADO | NEVADA | TEXAS | UTAH

www.ninyoandmoore.com

APPENDIX D

Boys and Girls Club Sonoma-Marin
801 Sebastopol Road
Santa Rosa, CA 95407

Inquiry Number: 5775903.3
September 03, 2019

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

09/03/19

Site Name:

Boys and Girls Club Sonoma-M
801 Sebastopol Road
Santa Rosa, CA 95407
EDR Inquiry # 5775903.3

Client Name:

CKG Environmental
P.O. Box 246
Saint Helena, CA 94574
Contact: Chris Kennedy

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by CKG Environmental were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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:

Certification # 46E5-4CC1-9531

PO # NA

Project Boys & Girls Club Sonoma-Marin

UNMAPPED PROPERTY

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

Sanborn® Library search results

Certification #: 46E5-4CC1-9531

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

CKG Environmental (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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Boys and Girls Club Sonoma-Marin

801 Sebastopol Road

Santa Rosa, CA 95407

Inquiry Number: 5775903.11

September 04, 2019

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

09/04/19

Site Name:

Boys and Girls Club Sonoma-M
801 Sebastopol Road
Santa Rosa, CA 95407
EDR Inquiry # 5775903.11

Client Name:

CKG Environmental
P.O. Box 246
Saint Helena, CA 94574
Contact: Chris Kennedy

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1993	1"=500'	Acquisition Date: July 10, 1993	USGS/DOQQ
1985	1"=500'	Flight Date: February 04, 1985	USGS
1982	1"=500'	Flight Date: July 10, 1982	USDA
1973	1"=500'	Flight Date: October 03, 1973	USGS
1968	1"=500'	Flight Date: April 20, 1968	USGS
1957	1"=500'	Flight Date: June 18, 1957	USGS
1952	1"=500'	Flight Date: July 03, 1952	USGS
1942	1"=500'	Flight Date: June 03, 1942	USDA

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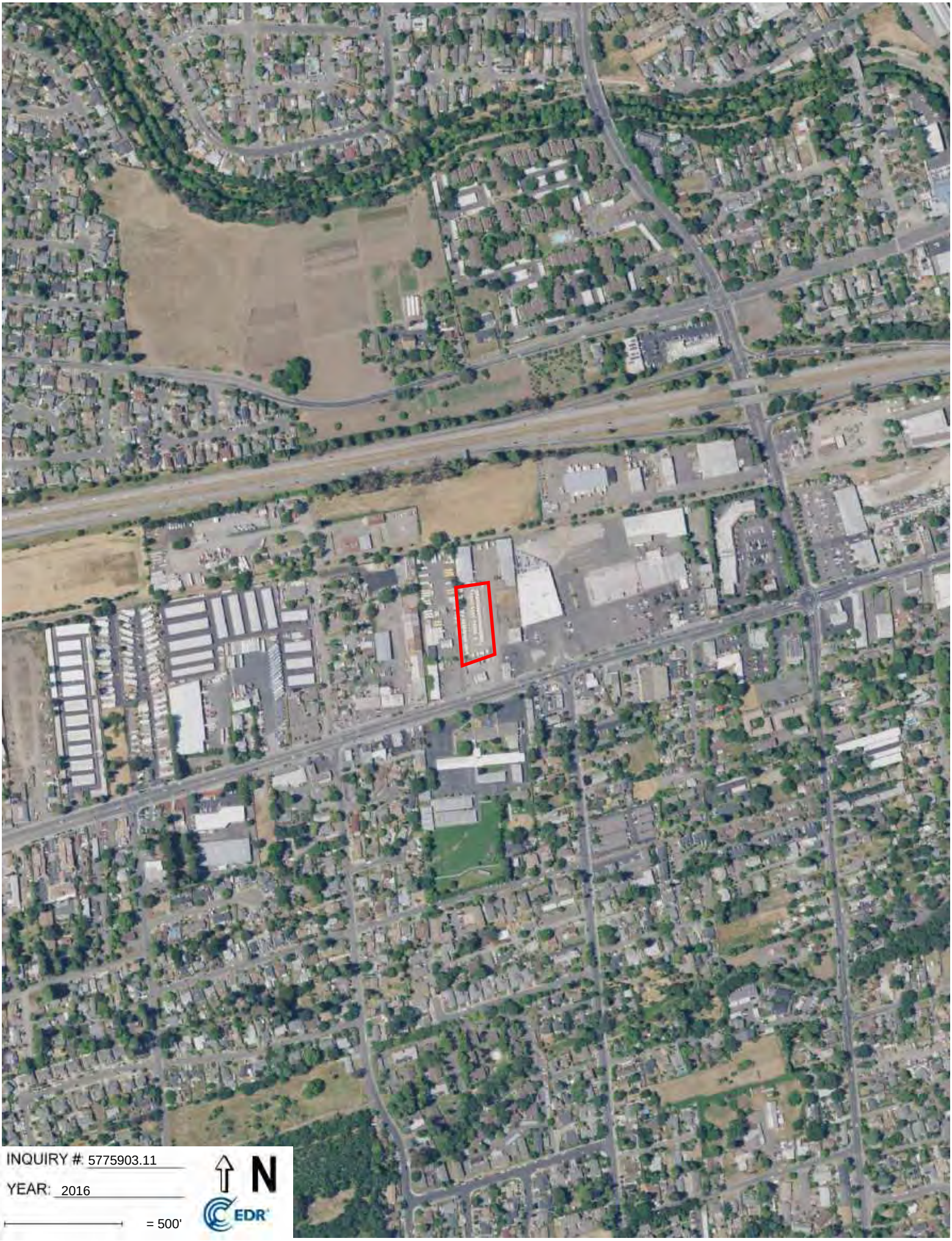
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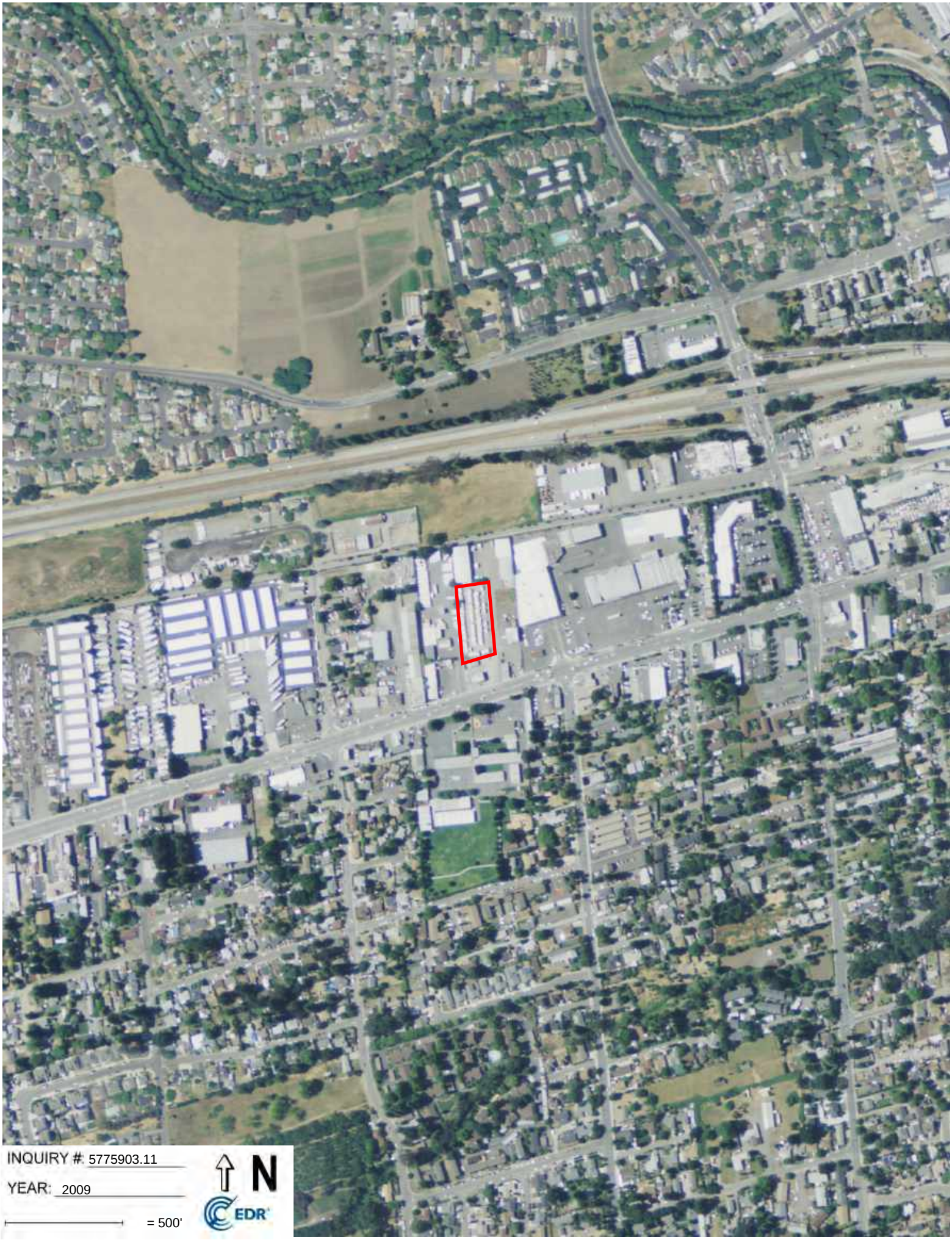
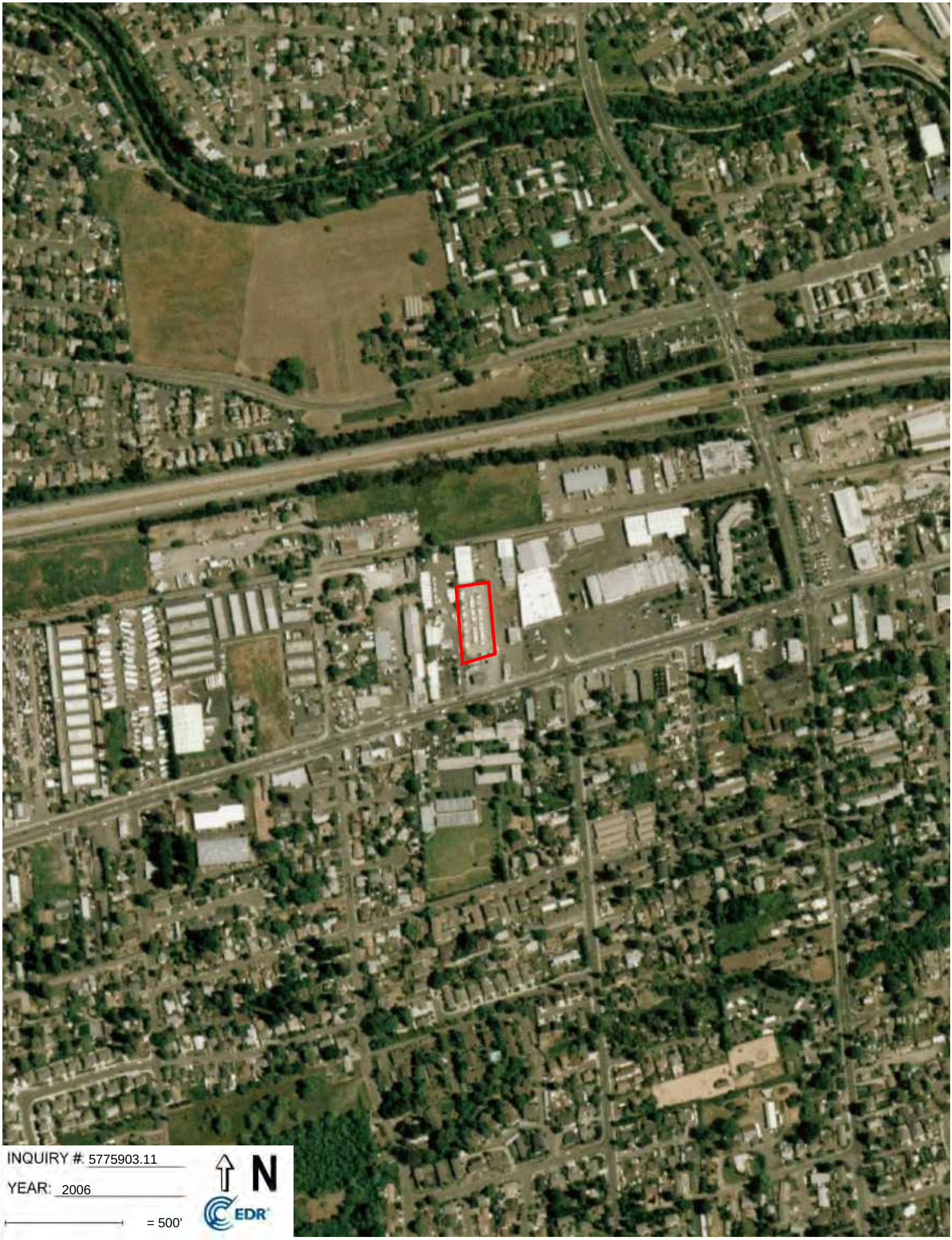
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 5775903.11
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 5775903.11
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 5775903.11
YEAR: 2006
= 500'
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EDR

INQUIRY #: 5775903.11
YEAR: 1993
= 500'
N
EDR

INQUIRY #: 5775903.11
YEAR: 1985
= 500'
N
EDR

INQUIRY #: 5775903.11
YEAR: 1982
= 500'
N
EDR

INQUIRY #: 5775903.11
YEAR: 1973
= 500'
N
EDR

Boys and Girls Club Sonoma-Marin
801 Sebastopol Road
Santa Rosa, CA 95407

Inquiry Number: 5775903.4
September 03, 2019

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

09/03/19

Site Name:	Client Name:
Boys and Girls Club Sonoma-M	CKG Environmental
801 Sebastopol Road	P.O. Box 246
Santa Rosa, CA 95407	Saint Helena, CA 94574
EDR Inquiry # 5775903.4	Contact: Chris Kennedy

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by CKG Environmental were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	NA	**Latitude:**	38.430417 38° 25' 50" North
Project:	Boys & Girls Club Sonoma-Mal	**Longitude:**	-122.730236 -122° 43' 49" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	523545.48
		UTM Y Meters:	4253606.89
		Elevation:	141.00' above sea level

Maps Provided:

2012
1998
1980
1973
1968
1954
1942, 1944
1916

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

Sebastopol
2012
7.5-minute, 24000

Santa Rosa
2012
7.5-minute, 24000

1998 Source Sheets

Santa Rosa
1998
7.5-minute, 24000
Aerial Photo Revised 1994

1980 Source Sheets

Sebastopol
1980
7.5-minute, 24000
Aerial Photo Revised 1973

Santa Rosa
1980
7.5-minute, 24000
Aerial Photo Revised 1978

1973 Source Sheets

Santa Rosa
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1968 Source Sheets

Santa Rosa
1968
7.5-minute, 24000
Aerial Photo Revised 1968

Sebastopol
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1954 Source Sheets

Santa Rosa
1954
7.5-minute, 24000
Aerial Photo Revised 1952

Sebastopol
1954
7.5-minute, 24000
Aerial Photo Revised 1952

1942, 1944 Source Sheets

Sebastopol
1942
15-minute, 62500

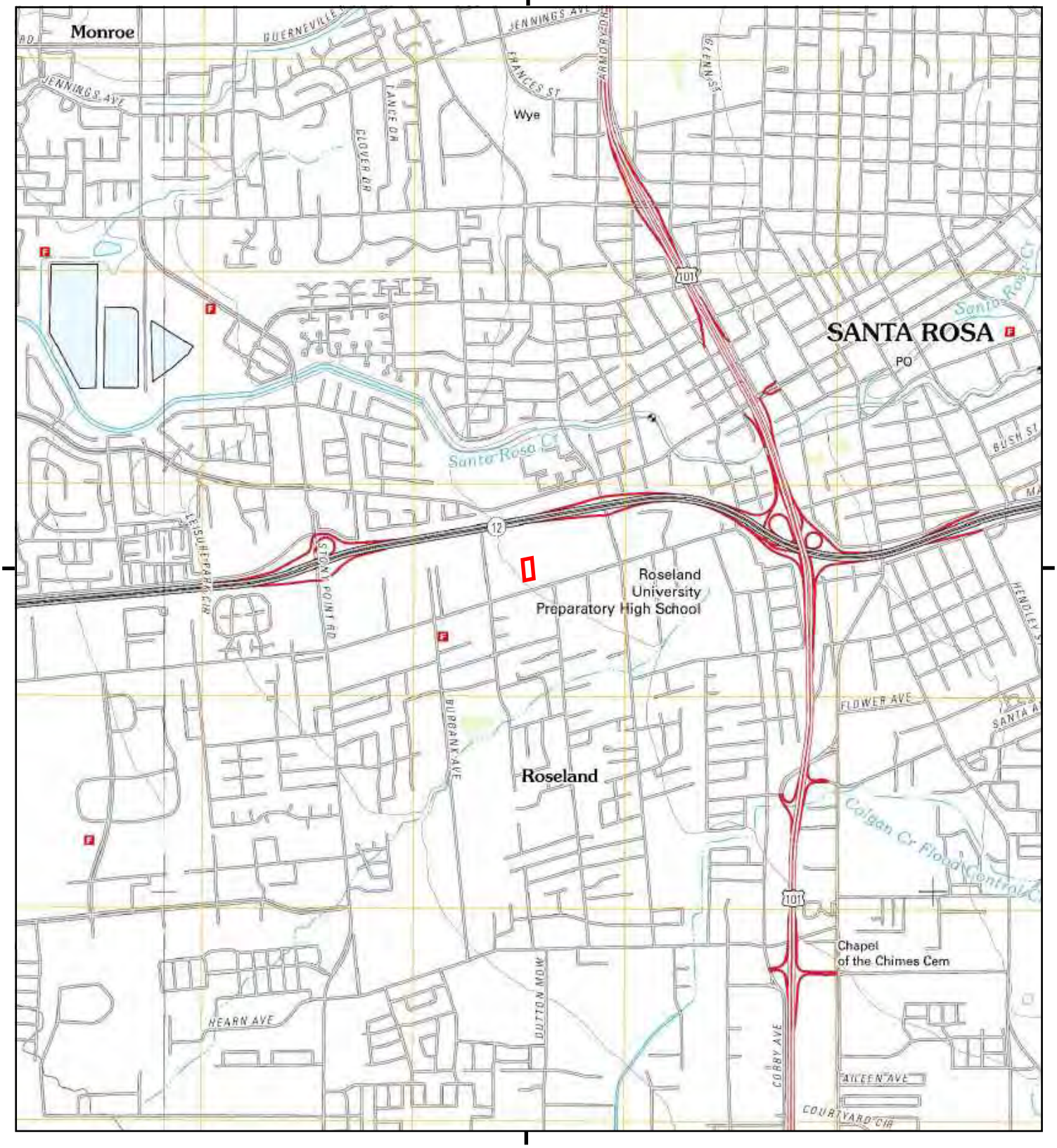
Santa Rosa
1944
15-minute, 62500

1916 Source Sheets

Santa Rosa
1916
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

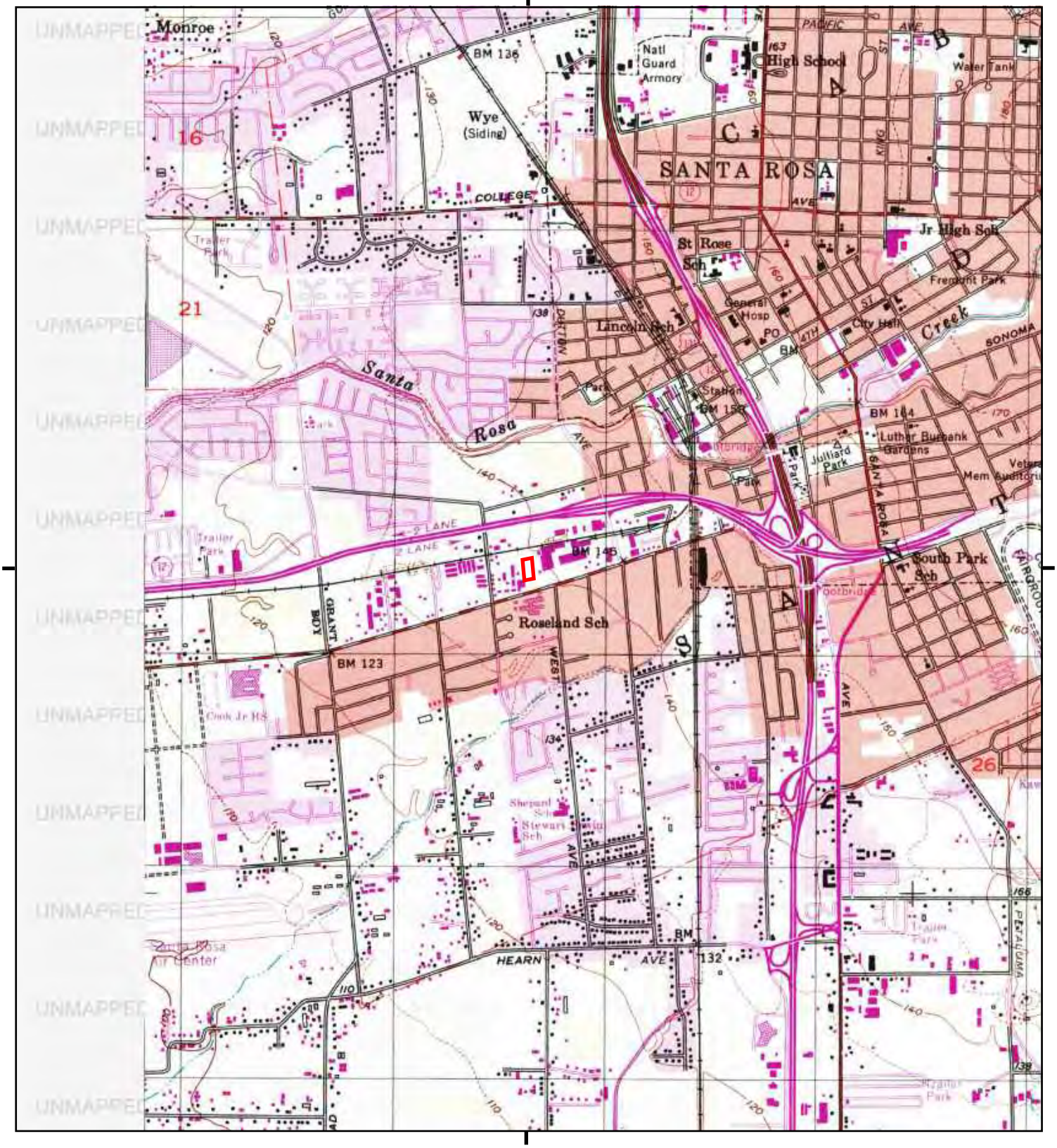
TP, Santa Rosa, 2012, 7.5-minute
W, Sebastopol, 2012, 7.5-minute

SITE NAME: Boys and Girls Club Sonoma-Marin
ADDRESS: 801 Sebastopol Road
Santa Rosa, CA 95407
CLIENT: CKG Environmental

N

Historical Topo Map

1998



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

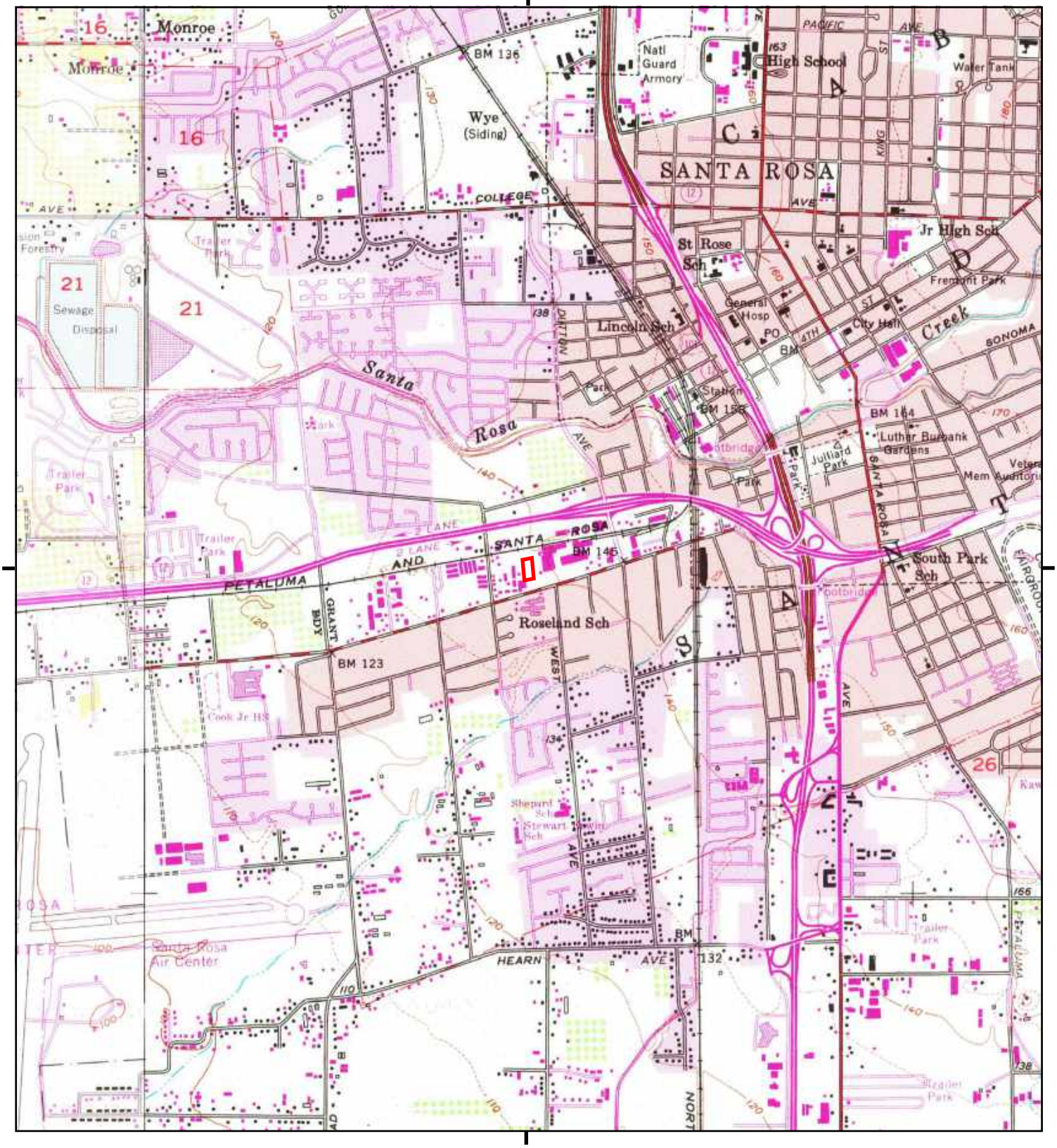
TP, Santa Rosa, 1998, 7.5-minute

SITE NAME: Boys and Girls Club Sonoma-Marin
ADDRESS: 801 Sebastopol Road
Santa Rosa, CA 95407
CLIENT: CKG Environmental

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

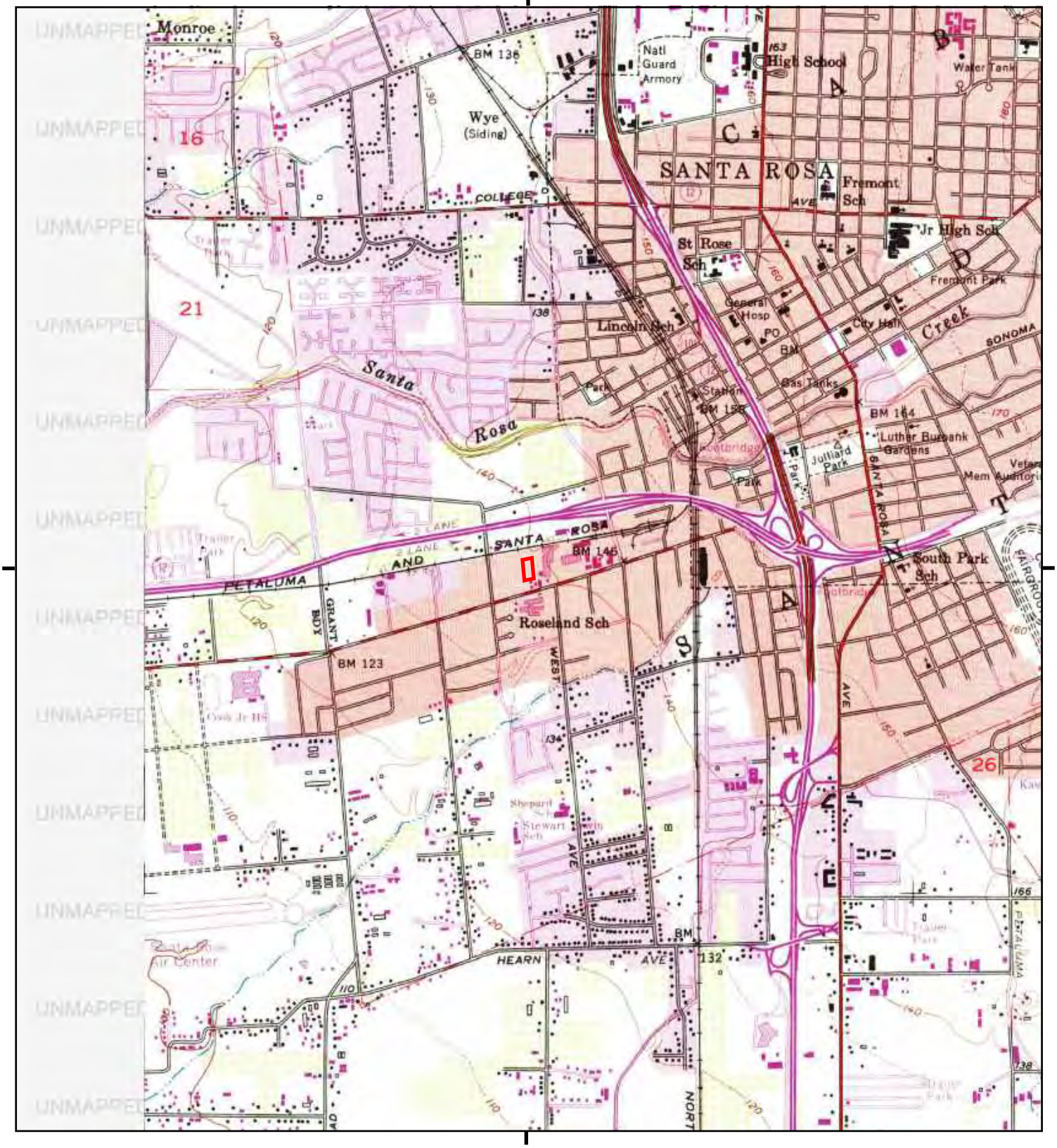
TP, Santa Rosa, 1980, 7.5-minute
W, Sebastopol, 1980, 7.5-minute

SITE NAME: Boys and Girls Club Sonoma-Marin
ADDRESS: 801 Sebastopol Road
Santa Rosa, CA 95407
CLIENT: CKG Environmental

N

Historical Topo Map

1973



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

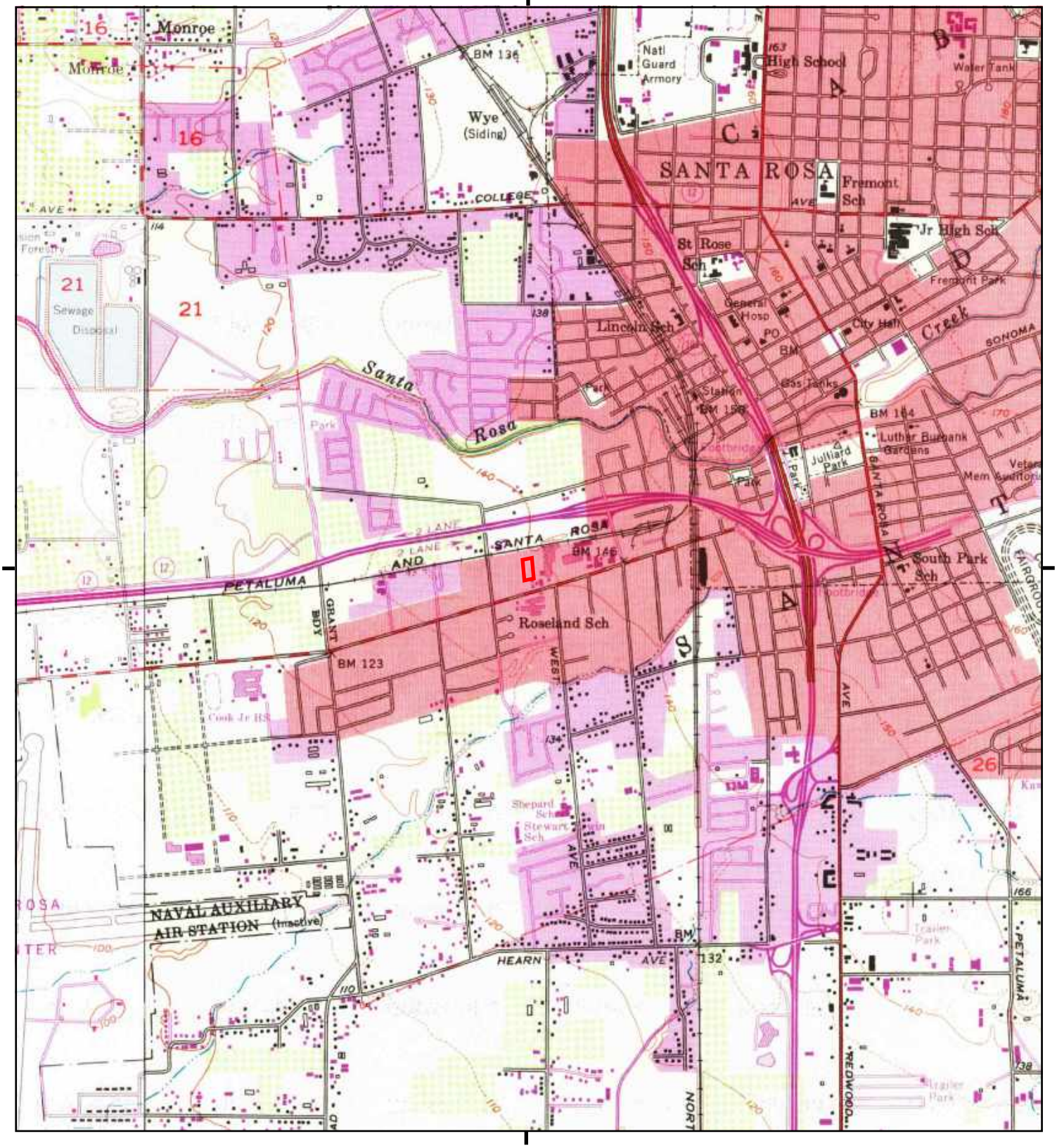
TP, Santa Rosa, 1973, 7.5-minute

SITE NAME: Boys and Girls Club Sonoma-Marin
ADDRESS: 801 Sebastopol Road
Santa Rosa, CA 95407
CLIENT: CKG Environmental

N

Historical Topo Map

1968



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

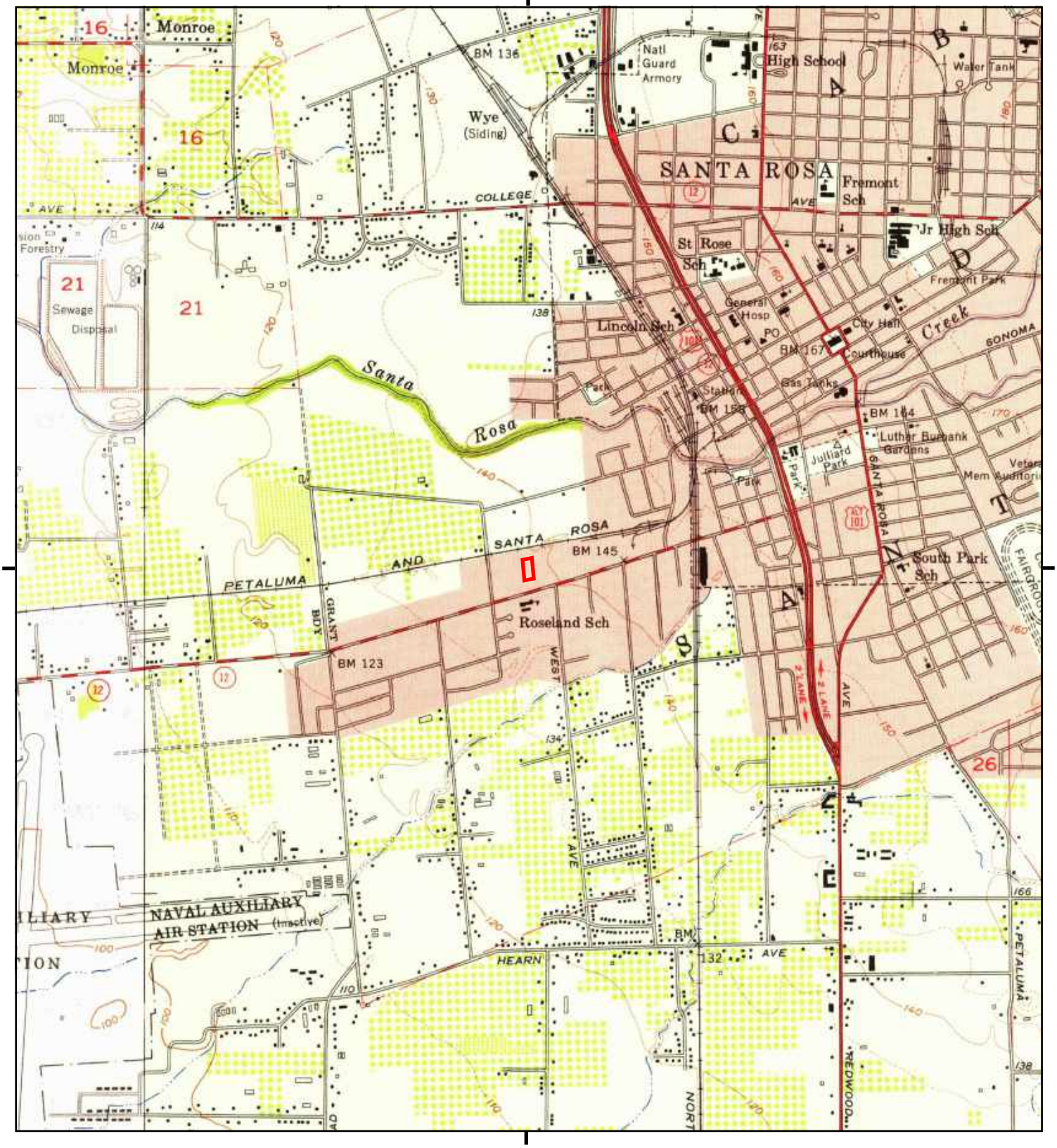
TP, Santa Rosa, 1968, 7.5-minute
W, Sebastopol, 1968, 7.5-minute

SITE NAME: Boys and Girls Club Sonoma-Marin
ADDRESS: 801 Sebastopol Road
Santa Rosa, CA 95407
CLIENT: CKG Environmental

N

Historical Topo Map

1954



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

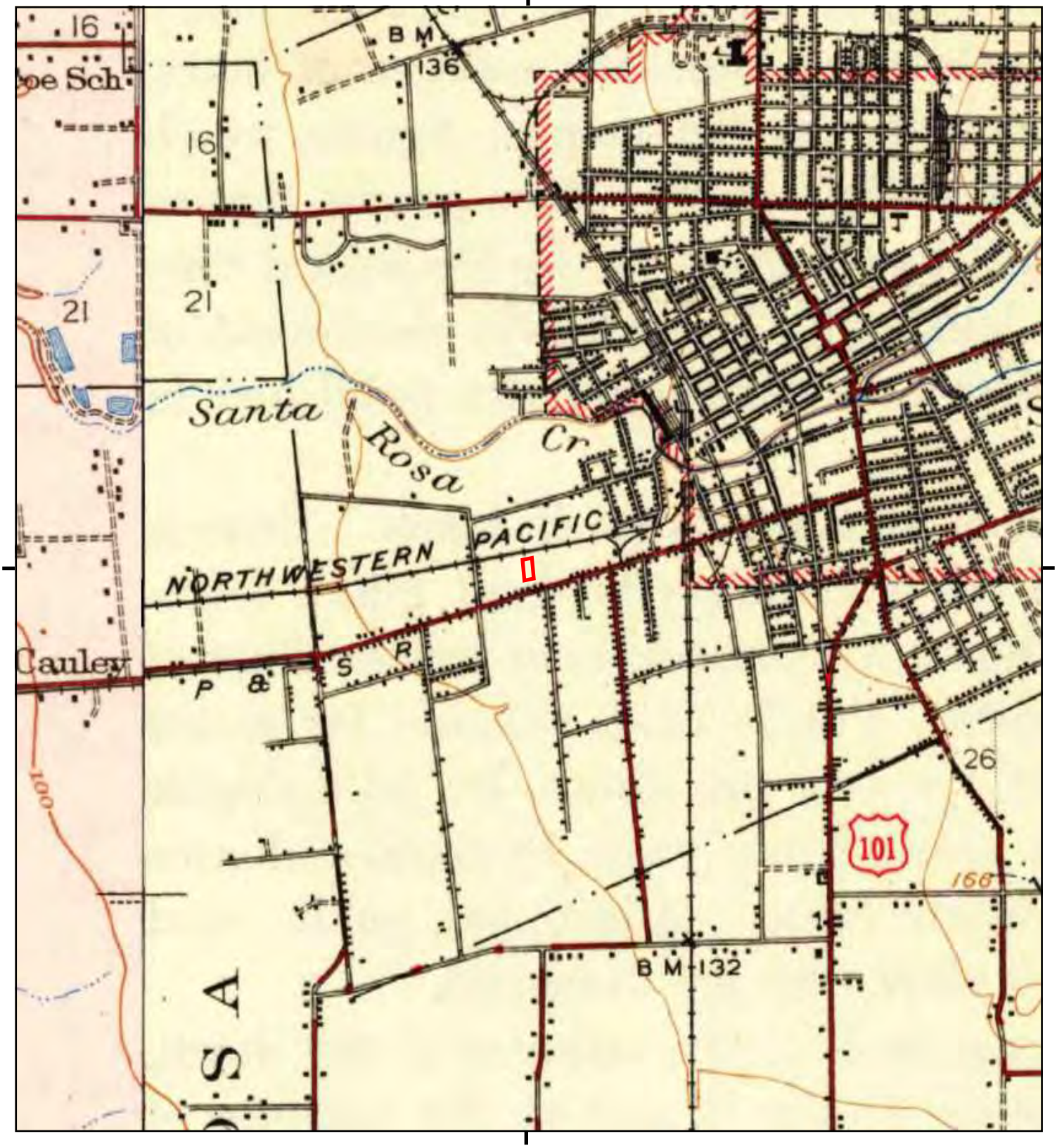
TP, Santa Rosa, 1954, 7.5-minute
W, Sebastopol, 1954, 7.5-minute

SITE NAME: Boys and Girls Club Sonoma-Marin
ADDRESS: 801 Sebastopol Road
Santa Rosa, CA 95407
CLIENT: CKG Environmental

N

Historical Topo Map

1942, 1944



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

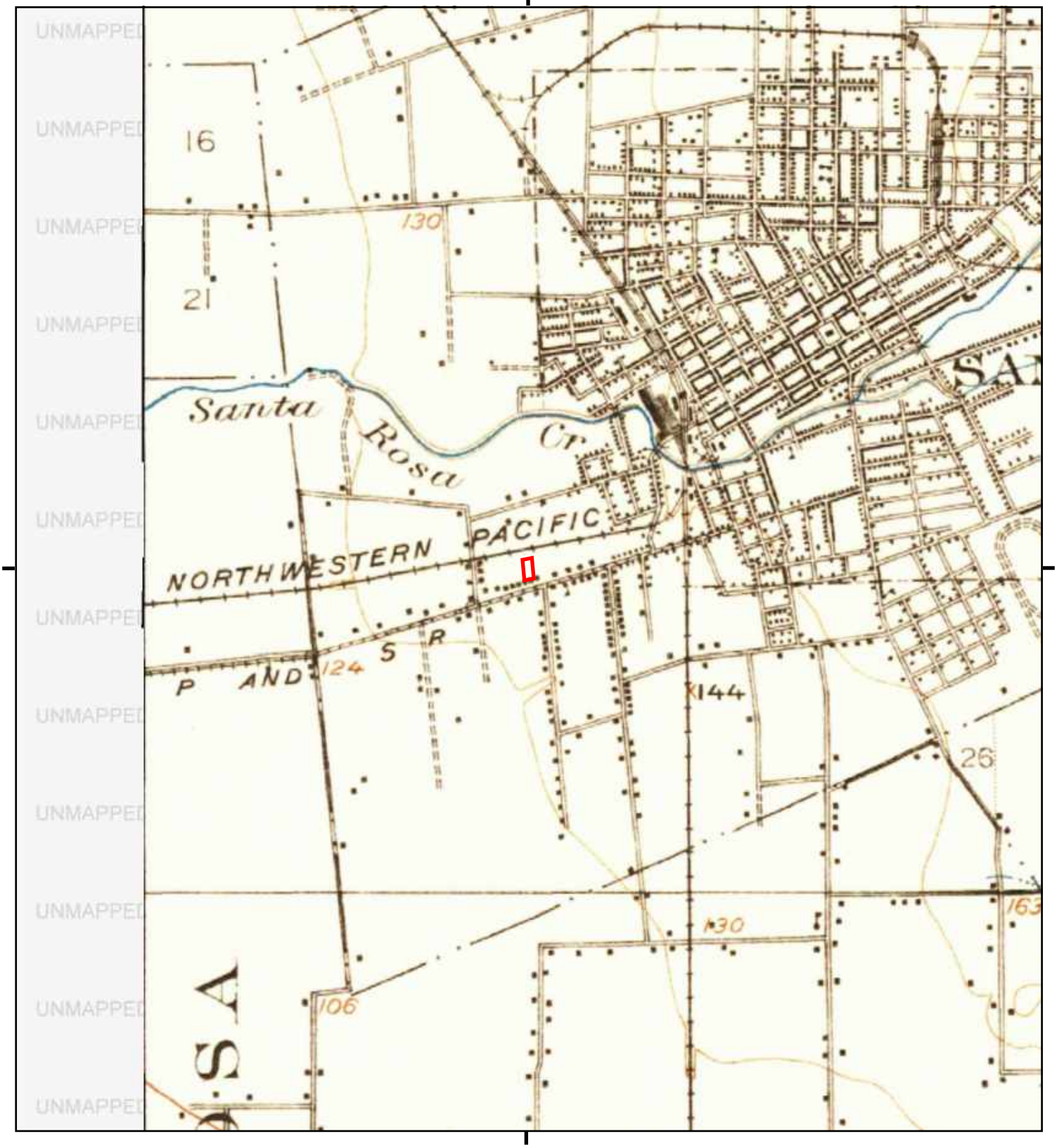
TP, Santa Rosa, 1944, 15-minute
SW, Sebastopol, 1942, 15-minute

SITE NAME: Boys and Girls Club Sonoma-Marin
ADDRESS: 801 Sebastopol Road
Santa Rosa, CA 95407
CLIENT: CKG Environmental

N

Historical Topo Map

1916



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Rosa, 1916, 15-minute

SITE NAME: Boys and Girls Club Sonoma-Marin
ADDRESS: 801 Sebastopol Road
Santa Rosa, CA 95407
CLIENT: CKG Environmental

N

INQUIRY #: 5775903.11
YEAR: 1968
= 500'
N
EDR

INQUIRY #: 5775903.11
YEAR: 1957
= 500'
N
EDR

INQUIRY #: 5775903.11
YEAR: 1952
= 500'
N
EDR

INQUIRY #: 5775903.11
YEAR: 1942
= 500'
N
EDR

APPENDIX E

APPENDIX E PHOTOGRAPHIC LOG
APN 124-101-044 SEBASTOPOL ROAD
SANTA ROSA, CALIFORNIA

Photograph 1

Looking north west at the Property. Presently it is vacant and fenced.

Photograph 2

Loowind west across the Property from the east dise. A fence is visible that runs north-south through the east center part of the Property.

APPENDIX E PHOTOGRAPHIC LOG
APN 124-101-044 SEBASTOPOL ROAD
SANTA ROSA, CALIFORNIA

Photograph 3

Another view of the central fence looking west across the property. The building visible belong to Laidlaw/First Student who operate a school bus yard.

Photograph 4

Looking east across the property toward the XXX buildings.

APPENDIX E PHOTOGRAPHIC LOG
APN 124-101-044 SEBASTOPOL ROAD
SANTA ROSA, CALIFORNIA

Photograph 5

Another view looking from the northwest side of the Property to the southeast.

Photograph 6

APPENDIX F

CHRISTINA J. KENNEDY, RG

Christina Kennedy provides a rare combination of technical expertise, management experience, and business acumen tied to a no nonsense problem solving approach. With over 32 years professional experience Ms. Kennedy has brought her talents from competence in field explorations, data interpretation and writing, to managing complex projects, groups of professionals, managing an office, and developing her own consulting firm. As a result, Ms. Kennedy understands the big picture of a client's objectives and needs so that the most effective assessment or remediation program can be developed.

Ms. Kennedy's professional expertise in project management includes property redevelopment work, property transfers, hazardous materials investigations and remediation, underground storage investigations and remediation, water resources assessments, and solid waste knowledge, coupled with a keen ability to satisfy regulatory requirements and honor a client's fiscal concerns. Although Ms. Kennedy's project experience is widely varied it is appropriate to focus on those projects and experiences that specifically apply to the work that the City of Petaluma requires.

As lead Professional Geologist at CKG Environmental, Inc. Ms. Kennedy has enjoyed a key technical oversight role supporting the City of Santa Rosa Emergency Groundwater Supply development project. Ms Kennedy works with the team to interpret subsurface data obtained from published sources and from installing test wells. As a Professional Geologist Ms. Kennedy provides recommendations for well design, zone testing and for future wells sites

Program Manager, Owens-Brockway/Owens-Illinois Glass Container Facilities, For the last 17 years Ms Kennedy has worked with Owens-Brockway Glass Container, Inc. and Owens-Illinois to assess, remediate, negotiate regulatory closure, and facilitate property transactions at a number of facilities in the Bay Area, Michigan, Pennsylvania and Canada.

One notable example is the former Anchor Glass facility located in Antioch. Initially CKG was working for an interested developer. When Ms. Kennedy discovered two areas of previously unknown subsurface contamination, and the fact that the site was under Title 27 landfill regulation the developer walked away until Owens-Brockway addressed it. Ms Kennedy was able to demonstrate that the site landfill was not affecting groundwater and successfully had the Title 27 monitoring rescinded.

M.S., and B.S. Geology, University of Alberta, Canada (1986, 1984)
40-hour OSHA training
Registered Geologist No. 5077
32 years experience

Another excellent example is the former Anchor Glass facility in Hayward. Ms. Kennedy became involved in 2001 when a foot of diesel fuel was found floating in an old monitoring well. Ms. Kennedy has since completed a number of soil and groundwater investigations, implemented groundwater monitoring and designed and installed a groundwater remediation system, followed by a targeted excavation with in-situ chemical oxidation. During this time Owens-Brockway sold the property to a developer and during the property transaction Ms. Kennedy discovered another area of impact associated with an old leach system. Ms Kennedy was able to complete a million-dollar soil excavation and disposal program, to the satisfaction of the regulator, which also included working on Union Pacific Rail property within six weeks so that the property transaction could be completed.

Technical Project Manager, City of Petaluma Brownfields Assessment Grant for Petroleum Hydrocarbons, Petaluma. As technical project manager Ms. Kennedy scopes, oversees, reviews and supports all of the technical tasks associated with the community-wide Phase I and Phase II assessments. Ms. Kennedy also coordinates with the EPA Project Officer and appropriate regulators to assure that the work is completed in compliance with EPA requirements as well as those of the local regulatory agencies.

Project Manager, Alignment Length Phase I and II Investigations, Santa Clara Valley Water District.
Ms Kennedy managed a series of large area-wide Phase I and Phase II investigations for various river alignments. These include the 7-mile length of the Upper Guadalupe River, the 5-mile length of the Lower Guadalupe River and a 3-mile section of Llagas Creek. These projects are very similar to City of Petaluma's community-wide assessment. These projects involved completing database review, aerial photograph surveys, Sanborn Map reviews, and drive-by site surveys to assess the alignments for potential environmental impacts. Selected parcels were then targeted for Phase II investigations that included coordinating site access, collecting soil and groundwater samples, and preparing reports.